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### SITE NAME: MASPETH

Address:	57-15 49 Street, Maspeth, Queens
Tax Lot Parcel(s):	Block 2575, Lot 26
Latitude:	
Longitude:	
Regulatory Programs/	Environmental Remediation Project (terminated December
2010)	
Numbers/Codes:	DEC Spill Numbers 0801483, 0313650, 9209704, 9804647
Analytical Data Status:	🔀 Electronic Data Available 🗌 Hardcopies only
	No Data Available

# 1 SUMMARY OF CONSTITUENTS OF POTENTIAL CONCERN (COPCS) TRANSPORT PATHWAYS TO THE CREEK

The current understanding of the transport mechanisms of contaminants from the upland portions of the facility to Newtown Creek is summarized in this section and Table 1.

### **Overland Transport:**

This pathway is not present historically or currently, as the site is not adjacent to the waterway.

### Bank Erosion:

This pathway is not present historically or currently, as the site is not adjacent to the waterway.

### Groundwater:

The results of the groundwater sampling of shallow monitoring wells showed minor concentrations of VOCs at the site. The elevations of the wells at the site were surveyed and groundwater flow direction maps were prepared for high and low tide conditions in the event that the groundwater is tidally influenced. The results were consistent with the regional flow direction as well as site-specific directions determined by previous

investigations. There were no detections of VOCs, SVOCs, pesticides, or PCBs in the three deeper wells at the site. The deep wells are all screened from 20 to 30 feet below grade. Depth to groundwater is approximately 10 feet below ground surface and the groundwater flow direction is generally to the southwest and is very likely to discharge to Maspeth Creek, but it does not appear there are COPCs present in significant concentrations in the groundwater tested in 2005.

Floating petroleum product was discovered in two monitoring wells and a 20,000-gallon Underground Storage Tank (UST) was discovered in 2004, so groundwater may have been affected and may have been considered a potentially complete historic pathway. The UST was subsequently removed. However, according to the 2005 Phase II Investigation, the results of the surface water and sediment testing show that Maspeth Creek is not significantly impacted by contamination and, also, there is no clear evidence that the contamination emanating from the site has impacted the sediments or surface waters of Maspeth Creek. Based on this study, there is an indication that groundwater may not be a complete pathway of COPCs to the creek. Because additional studies are needed to confirm this conclusion, there is insufficient information to make a determinative conclusion as to whether it is a potentially complete current pathway.

### **Overwater** Activities:

The site is not adjacent to Newtown Creek and associated waterways and therefore, has no overwater activities. This pathway is not historically or currently complete.

### Stormwater/Wastewater Systems:

No stormwater or wastewater infrastructure was identified on available site drawings or aerial photos. There is no existing SPDES permit for the site. Based on the site topography, it is possible that stormwater at the site could infiltrate into the ground, flow towards Maspeth Creek, or flow into a storm water catch basin. There is insufficient evidence to make a current or historic pathway determination.

### Air Releases:

Information related to air discharges was not located for this site. There is insufficient evidence to make a pathway determination.

### 2 PROJECT STATUS

The Site has undergone a site assessment and investigation and certain remediation activities under the State's Environmental Restoration Program (ERP) through a State Assistance Contract (SAC).<sup>1</sup> According to the Phase I ESA and a Phase II Remedial Investigation of the Site generated in May 2005 pursuant to the SAC, a Phase I and Phase II ESAs were completed before the City's condemnation of the property in 1994, and a Phase II ESA for the adjoining property to the east (New York City Tax Nos. 225 and 240) of the subject site was conducted in 1996. The May 2005 Phase II also noted and described the additional site investigation that was completed by the Port Authority as part of a study to determine if the property was acceptable as a possible location for a portion of the Air Train Rail Project in 1998.

During the May 2005 Phase II investigation, a 20,000-gallon Underground Storage Tank (UST) was discovered in 2004, along with floating petroleum product in two monitoring wells that are tidally influenced. A DEC Spill Report was filed when the UST was discovered and the consultant noted significant petroleum staining. The 20,000-gallon UST was removed in the spring and summer of 2008.

<sup>&</sup>lt;sup>1</sup> Terminated by mutual consent of the DEC and DEP in December 2010.

Activity		Date(s)/Comments				
Phase 1 Environmental Site Assessment	$\square$	October 1990 <sup>1</sup>				
Site Characterization	$\square$	1994,11998,1 and May 2005				
Remedy Selection						
Remedial Design/Remedial Action	$\boxtimes$	Removal of 20,000-gallon UST.				
Implementation						
Use Restrictions (Environmental						
Easements or Institutional Controls)						
Construction Completion						
Site Closeout/No Further Action	$\square$	All spills closed as of 2011.				
Determination						
<sup>1</sup> The studies from 1990, 1994, and 1998 have not yet been located.						

NYSDEC Site Code(s): Spill numbers 0801483, 0313650, 9209704, 9804647

• NYSDEC Site Manager: John Greco

### 3 SITE OWNERSHIP HISTORY

Respondent Member:

Owner	Years	Occupant	Types of Operations
Twenty First Century Bus Company	1979 - 1994	Twenty First Century Bus Company	Storage yard for yellow school buses
City of New York/Department of Environmental Protection	1994 – Present (acquired from Twenty First Century Bus Company via condemnation)	Vacant Land	Vacant Land

Yes No

### 4 PROPERTY DESCRIPTION

The Maspeth Site is an approximately 2.8 acre-site in a heavy manufacturing district in western Queens, located at 57-15 49<sup>th</sup> Street, between 56<sup>th</sup> Road (Clinton Avenue) and Galasso Place. Maspeth Creek is within approximately 1,800 feet from the site to the West. It is located in an M3-1 heavy manufacturing district. M3 districts are designated for areas with heavy industries that generate noise, traffic, or pollutants (NYC Department of City Planning 2011). A site location map is included as Figure 1.

The abutting property to the East and South is Galasso Trucking Inc., 2 Galasso Place, Maspeth, NY 11378 (AKA: 57-27 49<sup>th</sup> Street, 1 Railroad Place (49th Lane)). 49<sup>th</sup> Street abuts the site on the West. The abutting properties North of the site are Eldorado Coffee Roasters, 56-75 49<sup>th</sup> Street, Maspeth, NY 11378 and Ben Jo General Trucking, 1 Railroad Place, Maspeth, NY 11378.

### 5 CURRENT SITE USE

The site is currently vacant, undeveloped, and unused.

### 6 SITE USE HISTORY

The City of New York is the current owner of the site, which is now a vacant lot that appears to be pervious from aerial maps. Block 2575 Lot 26 was acquired by condemnation by the City for the Department of Environmental Protection in 1994 (signed in 11-1994, filed in 12-1994) from the Twenty First Century Bus Service Corporation. Upon information, subject to verification, the City never developed or utilized the site after its acquisition in 1994. While the City has been unable to confirm the site usage prior to its acquisition of the site, the 2005 Phase II investigation states that the site was operated as an aluminum plant approximately 60 years ago and more recently operated as a bus maintenance and storage yard, a silkscreen printing facility, and a graphic die cutter facility.

### 7 CURRENT AND HISTORICAL AREAS OF CONCERN AND COPCs

The following sections provide brief discussion of the potential sources and COPCs at the site, based on the Phase II Investigations conducted for the site. The summary is mainly based on the results of the most recent Phase II Investigation conducted in 2005.

### 7.1 Uplands

Prior to condemnation of the subject site in 1994, DEP performed a Phase II ESA investigation to characterize the soil beneath the site, identify the site-specific groundwater flow direction, and evaluate whether the soil and groundwater beneath the site had been impacted by former site activities. A soil vapor survey and soil and groundwater sampling were performed throughout the site. The samples were analyzed for VOCs, SVOCs, and metals. The sampling results indicated that the site has been impacted by several SVOCs and metals. VOCs were also detected, although to a lesser extent. The 2005 Phase II investigation revealed potential contaminant sources at the site from a 20,000-gallon underground petroleum storage tank. As a result of that report, the tank was removed in 2008. In addition, a suspected 4,000-gallon UST was also potentially located in the southeastern portion of the site. Upon information, subject to verification, this tank was found to either no longer exist or exist beyond the fence line of the property.

The fill material used at the site appears to have been contaminated, and was very likely to have been contaminated prior to being transported to the site. It is possible that the previous businesses that operated at the site may have contributed to the contamination, however, the ubiquitous distribution of contamination across the site is not consistent with the type of contamination usually associated with the operation of a business, that is, contamination associated with business operations typically contain one or more discrete areas where contamination has been discharged to the subsurface as opposed to the relatively even distribution of contamination that exists across the site.

While the City has been unable to confirm the site usage prior to its acquisition of the site, the 2005 Phase II Subsurface Investigation Report states that the site was previously operated as an aluminum plant approximately 60 years ago and more recently operated as a bus maintenance and storage yard, a silkscreen printing facility, and a graphic die cutter facility.

### 7.2 Overwater Activities

This site is not adjacent to Newtown Creek or associated waterways.

### 7.3 Spills

A 20,000-gallon Underground Storage Tank (UST) was discovered in 2004 during the Phase II investigation, along with floating petroleum product in two monitoring wells that are tidally influenced. The monitoring wells are discussed fully in Section 9.2.1.

A DEC Spill Report was filed when the UST was discovered and the consultant noted significant petroleum staining. The spill number assigned, DEC Spill Number 0313650, was closed on March 18, 2011. The 20,000-gallon UST was removed in the spring and summer of 2008. When DEP removed the UST in 2008, DEP discovered petroleum contamination in the surrounding soil and reported a new spill to DEC. DEP removed some soil around the former UST and placed some clean fill in that area. This spill number assigned, DEC Spill Number 0801483, was closed on November 17, 2011. According to DEC records, two other spills, DEC Spill Numbers 9209704, 9804647, were reported on November 19, 1992 and July 6, 1998, respectively, and were both closed on June 18, 2004. At the time of submission of this site summary, DEP has been unable to find any additional records on these spills. However, according to the NYSDEC PBS database, the 1992 spill was related to a tank failure

causing No. 2 fuel oil to impact soil. The 1998 incident was related to unknown petroleum impacting soil. There are no more active spills on the site.

### 8 PHYSICAL SITE SETTING

### 8.1 Hydrogeology

According to the Phase II investigation conducted in 2005, the site-specific geology at the site was ascertained primarily from boring logs obtained during the drilling of soil borings and the installation of groundwater monitoring wells. The logs show that uppermost soils (from grade to a depth of approximately five to ten feet) generally contain fine to coarse Based on historical and geological information, the site was originally grained materials. part of a tidal wetland associated with Maspeth Creek. Subsequently, the wetland was apparently filled primarily with sandy materials (although some brick, concrete, and other fill materials have been noted at the site) in some areas and material that was black and granular (possibly carbonaceous) in other areas. The upper layer appears to be, for the most part, fill material that was placed at the site over areas that appear to have been wetlands. In areas where the fill does not extend down to the water table, the geologic materials encountered from five to ten feet were often generally clay and silty clay, and silt and appear to represent sediments that are associated with the former wetlands. In some locations, partially decomposed vegetative matter was noted within the matrix of the clay zones, which is further evidence that the site is a filled wetland.

The surface topography of the subject site and its vicinity was obtained from Seamless United States Geological Survey Topographic Maps (1998). The topographic elevation of the subject property is approximately 20 feet above mean sea level. The depth to water beneath the site is approximately 10 feet. There are wetlands and surface water bodies located within one-eighth of a mile from the subject property. These wetlands are associated with Newtown and Maspeth Creeks, however, no wetlands or surface water bodies are located on the subject property.

# 9 NATURE AND EXTENT (CURRENT UNDERSTANDING OF ENVIRONMENTAL CONDITIONS)

9.1 Soil

Soil Investigations Bank Samples

### 9.1.1 Soil Investigations

In 2005, a Phase II investigation was completed as part of the DEC Environmental Restoration Program. Due to the breadth of the tables, the results are summarized here; the specific tables can be found in the 2005 Phase II investigation.

The investigation found that the primary contaminants found in the fill material are SVOCs, possibly associated with petroleum. Due to paucity of detections of the lighter and lower boiling point of VOCs, it seems likely that the petroleum has existed in the fill for long periods of time (probably many decades). Due to the high concentrations of SVOCs, the Phase II investigation surmised that the contamination may have included heavier petroleum products such as, No. 2, 4, or 6 fuel oil, or waste oil which typically contains high levels of metals, or a combination of several petroleum products. The 2005 Phase II investigations found that the concentrations of SVOCs were generally significantly higher in the shallow soil samples when compared to the deeper samples. This indicates there has been minimal vertical migration of the SVOCs towards the deeper soil or to the groundwater. Individual SVOCs were detected at levels above the Recommended Soil Cleanup Objectives (RSCOs) calculated from the NYSDEC Technical and Administration Guidance Memorandum (TAGM) No. 4046, *Determination of Soil Cleanup Objective and Cleanup Levels (1994)*, throughout the site.

In the 30 boring locations performed as part of the 2005 Phase II investigation (*see Figure 2*), SVOCs exceeded RSCOs in at least one of the samples from every boring. The locations at which the highest concentrations of total SVOCs were detected are SB-21 and SB-5. These sample locations are adjacent to one another and near the northeast corner of the site. The total concentrations at SB-21 were 1,110,100 ppb and 867,800 parts per billion (ppb) at SB-5 (the Recommended Soil Cleanup Objective is 500,000 ppb). Both of these concentrations

were detected in the shallow soil at a depth of 0 to 2 feet. However, in the deeper sample at SB-21, the total SVOC concentrations decreased to 9,830 ppb and at SB-5, at 11-13 feet, the concentration decreased to 3,478 ppb. At SB-29, the total SVOC concentration was 664,600 ppb found in the 0–2 foot depth. For the 8–10 foot depth, the total SVOC concentration drops dramatically to 4,316 ppb. This indicates that the SVOCs are found at significantly higher concentrations in the shallow soil and are not migrating appreciably into the deeper soil. In fact, throughout the site, the average concentration of total SVOCs in the shallow soil is significantly greater than in the deep soil. These results appear to be consistent with the conclusion that the site contains an overlying layer of historic fill material that varies in thickness across the site.

For the VOC soil samples, the results of the 2005 Phase II investigation show that very few VOCs were detected in the soil boring locations at the site. The detections showed generally minor concentrations of constituents of petroleum products. Two exceedances of the RSCOs were found: (1) in the boring for monitoring well MW-6, p-Isopropyltoluene was detected at a concentration of 11,000 ppb at a depth of 10 to 12 feet and (2) at MW-10, methylene chloride was detected at a concentration of 630 ppb (the Objective is 100 ppb) at a depth of 0 to 2 feet. All methylene chloride detections were flagged with a "B" and therefore, their existence in the soil is highly doubtful.

For the VOC Tentatively Identified Compounds (TICs), most of the samples analyzed showed little of no detections of TICs. The exception to this is SB-27 (1-3 feet), which showed a total TIC concentration of 2,670 ppb, however, the total concentration of VOCs plus VOC TICs was 3,064 ppb, which is well below the RSCO for total VOCs of 10,000 ppb. The soil VOC and VOC TICs analyses generally show very minor concentrations of contaminants detected sporadically at the site.

For the metals, exceedances of the RSCOs were found in every boring location and in every sample. These metals include arsenic, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, mercury, nickel, selenium, sodium, and zinc. Pesticides in the soil were generally detected infrequently and at low concentrations. However, two relatively minor exceedances of the RSCOs were noted for chlordane (SB-10, 0-2 feet, 780 ppb and MW-5, 2-4 feet, 1,100 ppb). The RSCO for chlordane is 540 ppb.

PCBs were detected generally infrequently, and at low concentrations. The RSCO for total PCBs is 1 ppm when the sample is obtained at the ground surface and 10 parts per million (ppm) when the sample is obtained beyond this depth. Relatively minor potential exceedances of the RSCO were noted in five samples. The highest total concentration of PCBs detected was 4.23 ppm at 0-2 feet at SB-17. For the detections of PCBs and pesticides, the highest detections were found in the shallow soil. The deeper soil contained significantly lower concentrations of these parameters.

The 2005 Phase II investigation also summarized the findings from the 1994 Phase II EAS Investigation; the 1996 Phase II ESA investigation for the property just east (New York City Tax Lots 225 and 240) of the Maspeth site; and the 1998 Port Authority Phase II ESA investigation at the Maspeth site.

### 1994 Phase II ESA investigation

This investigation characterized the soil beneath the site, identified the site-specific groundwater flow direction, and evaluated whether the soil and groundwater beneath the site had been impacted by former site activities. A soil vapor survey and soil and groundwater sampling were performed throughout the site. The samples were analyzed for VOCs, SVOCs, and metals. In addition, a suspected 4,000-gallon UST was also potentially located in the southeastern portion of the site. Upon information, subject to verification, this tank was found to either no longer exist or exist beyond the fence line of the property.

The sampling results indicated that the site has been impacted by several SVOCs and metals. VOCs were also detected, although to a lesser extent. The soil beneath the site was generally characterized as fine to coarse sand with some assorted fill materials, and the site-specific groundwater flow direction was determined to be generally southwest.

# <u>1996 Phase II ESA investigation for the property just east (New York City Tax Lots 225 and 240) of the Maspeth site</u>

Based on the regional groundwater flow direction, this property is located upgradient of the eastern and southeastern portions of the subject site. Based on its upgradient location, the adjoining property to the east has the potential to impact the groundwater beneath the

Maspeth property. The adjoining property to the east contained five abandoned USTs. As part of the investigation, soil sampling was performed in the vicinity of those USTs to evaluate the extent of contamination. Groundwater samples were also collected from five groundwater-monitoring wells. All of the samples were analyzed for NYSDEC STARS Table 1 VOCs. The results of the investigation showed that the soil in the vicinity of the USTs has been impacted by VOCs that are typically associated with petroleum products and the groundwater beneath the property has been impacted by the contamination found on the adjoining property. According to the groundwater results and the regional groundwater flow direction, the Maspeth property appears likely to be impacted by a petroleum plume that is emanating from that adjoining property to the east.

### <u>1998 Port Authority Phase II ESA investigation</u>

Soil vapor, soil, and groundwater samples were collected. The soil results showed that no VOCs were detected on the property except for two compounds (xylenes and ethylbenzene) detected during the installation of well MW-1. Well MW-1 was installed in the vicinity of the later-discovered 20,000-gallon UST, along the southern portion of the subject property. Several SVOCs and metals were detected in soil samples that exceeded the NYSDEC Recommended Soil Cleanup Objectives. High concentrations of bis(2-ethylhexyl)phthalate were detected in soil samples in the southern portion of the subject property.

### 9.1.2 Soil Summary

The site showed evidence of impacts by the presence of historic fill. There was a scarcity in the number and concentration of the more VOCs detected during the investigation. The main contaminants of concern are the SVOCs found in the shallow soil. Heavy metals were discovered as well. Minor constituents of pesticides and polychlorinated biphenyls (PCBs) have also been found within the top two feet of fill. This contamination does not appear to have impacted the deeper soils or groundwater. The deeper soil, shallow groundwater, and deeper groundwater sampled from MW-14D (screened at 20 ft - 30 ft. below ground surface) do not show significant impacts. There is no evidence that the fill material has impacted the groundwater on site.

### 9.2 Groundwater

Groundwater Investigations NAPL Presence (Historical & Current) Dissolved COPC Plumes Visual Seep Sample Data

### 9.2.1 Groundwater Investigations

For the 2005 Phase II Investigation, groundwater samples were collected from a total of 34 temporary well points (using either direct-push or hydropunch technology) and 21 groundwater-monitoring wells. The samples were analyzed for VOCs (selected samples were also analyzed for VOC TICs), SVOCs, pesticides, PCBs, and total and dissolved TAL metals.

At each soil boring location, a groundwater sample (identified as sample GP- through GP-31) was collected from immediately below the water table using a direct push sampling unit. Prior to sample collection, the groundwater was purged from the rods using dedicated polyethylene tubing to reduce the sample turbidity. The groundwater analytical results revealed exceedances of the NYSDEC Class GA standards in five of the wells (excluding a well that contained only an exceedance for methylene chloride). However, the exceedances were generally minor. The groundwater sampling point with the highest levels of total concentrations of VOCs was GP-24, which was located in the general area of the UST, but was located closer to the area where a 4,000-gallon UST was reported to exist (but was not found). Upon information, subject to verification, there is a possibility that the UST may exist just beyond the fenceline on an adjoining property and could have contributed some contamination to the groundwater on the site. The total concentration of VOCs at GP-24 was 431 ppb. The highest concentration of any one compound was 150 ppb for 1,2,4-trimethylbenzene.

The results for the SVOCs, pesticides, and PCBs in groundwater are summarized in Table 6.6.3 of the Phase II Investigation. There were sporadic and minor detections of several SVOCS. However, although there were occasional exceedances of the standards or NYSDEC TOGS 1.1.1 guidelines, the levels are generally very low and there is no significant contamination of the groundwater by SVOCs. For the pesticides, again, sporadic and

relatively minor concentrations of chlordane, 4,4-DDT, and dieldrin were detected in the groundwater. Chlordane exceeded the standards at two locations and dieldrin exceeded the standards at one location.

There was one detection of PCBs from all the groundwater samples. The detection exceeded the standard. It should also be noted that there were no detections of VOCs (with the exception of methylene chloride), SVOCs, pesticides, or PCBs in the three deeper wells at the site. The deep wells are all screened from 20 to 30 feet below grade.

For the total metals analyses, exceedances were found for antimony, arsenic, barium, cadmium, chromium, copper, iron, lead, manganese, nickel, selenium, sodium, and zinc. However, for the dissolved analyses, the metals for which exceedances of the standards were found was reduced to antimony, iron, copper, lead, magnesium, manganese, nickel, selenium, and sodium. The metals results show that elevated concentrations are present in the geologic formation (bound to colloidal materials) as well as dissolved in the groundwater. However, it is important to note that the site exists over a former tidal wetland. Therefore, the groundwater beneath the site is very likely to be a mixture of fresh and saline waters. Saline waters are known to contain naturally high concentrations of metals. Also, since the site appears to contain saline waters, it appears that the Class GA standards may not be applicable. In summary, although there are some exceedances of the standards for various parameters for the locations sampled, the overall impacts to the groundwater across the site are minimal.

The exception to this is that two of the wells located in the area of the 20,000-gallon UST were not sampled due to the presence of floating petroleum product in the wells. Well MW-2 (this well was installed in 1992 during a previous investigation) contained one inch of product on March 12, 2004 and again on April 6, 2004. On April 21, 2004, MW-2 (1992) contained 2.4 inches of product during high tide and MW-15 contained 15.6 inches during the same high tide. On July 7, 2004, during low tide, MW-2 (1992) contained 1.8 inches of product and MW-15 contained 3.6 inches.

It is not clear if the tidal influence is a significant factor in determining the thickness of the product layer. However, the groundwater has been impacted by floating product and the apparent source of the petroleum is the 20,000-gallon UST which was reported to have been emptied of floating product. The 2005 Phase II investigation concluded that the UST represents an on-going potential source area of contamination and its remediation is straightforward and can be completed within two days of field work, and recommended that the UST be removed as part of an Interim Remedial Measure (IRM). The 20,000-gallon UST was subsequently removed in 1998 in accordance with all applicable regulations and requirements, as part of an IRM.

The 2005 Phase II investigation also summarized the findings from the 1994 Phase II EAS Investigation; the 1996 Phase II ESA investigation for the property just east (New York City Tax Lots 225 and 240) of the Maspeth site; and the 1998 Port Authority Phase II ESA investigation at the Maspeth site.

### 1994 Phase II ESA investigation

This investigation characterized the soil beneath the site, identified the site-specific groundwater flow direction, and evaluated whether the soil and groundwater beneath the site had been impacted by former site activities.

Three groundwater monitoring wells were installed and subsequently sampled to evaluate whether groundwater beneath the site has been impacted. The results of the groundwater sampling showed that the groundwater in the vicinity of the later-discovered 20,000-gallon UST was impacted by VOCs, SVOCs, and metals.

# <u>1996 Phase II ESA investigation for the property just east (New York City Tax Lots 225 and 240) of the Maspeth site</u>

Based on the regional groundwater flow direction, this property is located upgradient of the eastern and southeastern portions of the subject site. Based on its upgradient location, the adjoining property to the east has the potential to impact the groundwater beneath the Maspeth property. The adjoining property to the east contained five abandoned USTs. As part of the investigation, soil sampling was performed in the vicinity of those USTs to

evaluate the extent of contamination. Groundwater samples were also collected from five groundwater-monitoring wells. All of the samples were analyzed for NYSDEC STARS Table 1 VOCs. The results of the investigation showed that the soil in the vicinity of the USTs has been impacted by VOCs that are typically associated with petroleum products and the groundwater beneath the property has been impacted by the contamination found on the adjoining property. According to the groundwater results and the regional groundwater flow direction, the Maspeth property appears likely to be impacted by a petroleum plume that is emanating from that adjoining property to the east.

### 1998 Port Authority Phase II ESA investigation

Soil vapor, soil, and groundwater samples were collected. The soil results showed that no VOCs were detected on the property except for two compounds (xylenes and ethylbenzene) detected during the installation of well MW-1. Well MW-1 was installed in the vicinity of the later-discovered 20,000-gallon UST, along the southern portion of the subject property. A total of four groundwater monitoring wells were installed during this investigation, and all of the samples were analyzed for VOCs, SVOCs, metals, pesticides, and PCBs. The groundwater results showed generally low concentrations of VOCs, SVOCs, and metals with the exception of high concentrations of bis(2-ethylhexyl)phthalate in the southern portion of the property.

### 9.2.2 Groundwater Summary

The results of the groundwater sampling showed minor concentrations of VOCs at the site. The elevations of the wells at the site were surveyed and groundwater flow direction maps were prepared for high and low tide conditions in the event that the groundwater is tidally influenced. There were no detections of VOCs, SVOCs, pesticides, or PCBs in the three deeper wells at the site. The deep wells are all screened from 20 to 30 feet below grade. Depth to groundwater is approximately 10 feet below ground surface and the groundwater flow direction is generally to the southwest and is very likely to discharge to Maspeth Creek, but it does not appear there are COPCs present in any significant concentrations in the groundwater tested in 2005. Groundwater may have been affected by the 20,000 gallon UST, which was subsequently removed in 1998.

### 9.3 Surface Water

Surface Water Investigation	🖂 Yes 🗆 No
SPDES Permit (Current or Past)	🗆 Yes 🔀 No
Industrial Waste Discharge Permit (Current or Past)	🗆 Yes 🔀 No
Stormwater Data	🗆 Yes 🔀 No
Catch Basin Solids Data	🗆 Yes 🔀 No
Wastewater Data	🗆 Yes 🔀 No

Maspeth Creek is located to the west of the site and appears to be hydraulically downgradient of the site. As part of the 2005 Phase II investigation, surface water samples were obtained to determine if the groundwater, which appears to be discharging to Maspeth Creek, has impacted the creek's water quality. The results show that several VOCs, VOC TICs, and metals were detected. The concentrations detected were compared to the NYSDEC Class H(FC) Ambient Water Quality Standards (saline surface water standards for waters where there may be the human consumption of fish). The results show no exceedances of the standards. However, several VOCs were detected in the surface water of the creek at low concentrations. Methylene chloride was detected and it was again detected in the method blank and is not believed to exist in the surface water. The other compounds, with the exception of toluene, are not components of petroleum and, although some of these non-petroleum-related compounds were detected on site at trace levels, there is no clear evidence that the contamination at the site is impacting the waters of Maspeth Creek. Two VOC TICs were detected in the low tide sample. The total concentration of TICs in the sample was 26 ppb.

In addition, the samples were obtained at high tide and low tide. The results comparison shows no significant difference in either the suite of contaminants detected or the concentrations at which they were detected (with the exception of the minor detections of TICs that were detected only in the low tide sample).

According to the 2005 Phase II Investigation, the results show that Maspeth Creek is not significantly impacted by contamination and, also, there is no clear evidence that the contamination emanating from the site has impacted the sediments or surface waters of Maspeth Creek.

### 9.3.1 Stormwater and Wastewater Systems

This site is within the Bowery Bay Pollution Control Plant (BB WPCP) sewershed. There is no stormwater or wastewater infrastructure on site. Based on the site topography, it is possible that stormwater at the site could infiltrate into the ground or flow towards Maspeth Creek.

### 9.4 Sediment

Creek Sediment Data

The upper sediment in Maspeth Creek was sampled at three locations (SS-1 through SS-3) as shown in Plate 1. The results show that the only VOC detected was methylene chloride and, again, it was detected in the method blank and, therefore, its presence in the sediment is highly doubtful. For the VOC TICs, two compounds were detected at SS-1 at a total concentration of 691 ppb. The other two samples had lesser or no detections of TICs.

For the SVOCs, generally minor concentrations of several SVOCs were detected. The SVOCs in the sediments are generally species that are associated with petroleum and are similar to the compounds detected at the site. PCBs were detected at relatively low concentrations. Numerous metals were detected in the sediment samples. Since the creek is located within a highly industrialized area with many potential contributors of contamination, it is unclear whether the subject site has impacted the sediments of Maspeth Creek. Where possible, the sediment results were evaluated using the document entitled "Technical Guidance for Screening Contaminated Sediments" prepared by the NYSDEC. Based on this information several metals were found to exceed the Lowest Effect Level. With regard to PCBS, VOC, VOC TICs, and SVOCs, no screening level could be derived since no total organic carbon samples were obtained during the sampling. Also, for some of the detected compounds, no octanol/water partition coefficient values are available.

### 9.5 Air

Air Permit Air Data



 $\bigtriangledown$  Yes  $\Box$  No  $\Box$  Not Applicable

# 10 REMEDIATION HISTORY (INTERIM REMEDIAL MEASURES AND OTHER CLEANUPS)

The City removed a 20,000-gallon UST and backfilled the area with on-site soil and clean fill were performed in accordance with NYS DEC regulation. The 20,000-gallon UST, located along the southeast corner of the site at the boundary with the adjacent property, the Galasso Trucking Company. The tank was found to have straddled the site and the adjoining property. Due to the location of the UST at the property boundary, interim remedial work is expected to extend into the Galasso property.

The UST was removed in 2008 and the area around it was filled with clean fill. By mutual agreement, DEC and DEP terminated the Environmental Restoration Program and associated State Assistance Contract in December 2010.

### 11 BIBLIOGRAPHY/INFORMATION SOURCES

Enviroscience Consultants, Inc. (2005) "Phase II Subsurface Investigation Report for the Former Maspeth Railroad Place Site 57-15 49th Street Maspeth, New York."

EEA, Inc. (1996), 2 Galasso Place Soil and Water Sample Results.

NYSDEC, Spill Incidents Database Search Results.

"In the Matter of Application of the City of New York, relative to acquiring the title in fee simple absolute to certain real property where not heretofore acquired for Barnwell Avenue Replacement Site—49th Street, located at 49th Street and 57th Avenue in the Borough of Queens, City and State of New York" (November 23, 1994).

### 12 ATTACHMENTS

### Figures

Figure 1: Site Location Map

Figure 2: Plate 1—Site Layout and Sampling Locations for Phase II Investigation, May 2005.

### Tables

### Table 1: Potential Areas of Concern and Transport Pathways Assessment

### Attachments

- Attachment 1: Enviroscience Consultants, Inc. (2005) "Phase II Subsurface Investigation Report for the Former Maspeth Railroad Place Site 57-15 49th Street Maspeth, New York."
- Attachment 2: EEA, Inc. (1996), 2 Galasso Place Soil and Water Sample Results.

Attachment 3: NYSDEC, Spill Incidents Database Search Results.

Attachment 4: "In the Matter of Application of the City of New York, relative to acquiring the title in fee simple absolute to certain real property where not heretofore acquired for Barnwell Avenue Replacement Site—49<sup>th</sup> Street, located at 49<sup>th</sup> Street and 57<sup>th</sup> Avenue in the Borough of Queens, City and State of New York"(November 23, 1994).

Attachment 5: NYSDEC, Letter to NYCDEP

# Table 1Potential Areas of Concern and Transport Pathways Assessment – Maspeth Site

Potential Areas of Concern	Medi	ia Impa	acted			CC	)PCs	;												Pote Com	ntial I plete	Historic Pathwa	e or Curr 1y	ent	
Description of Areas of Concern	Surface Soil	Subsurface Soil	Groundwater	Catch Basin Solids	River Sediment	Gasoline-Range 님	Diesel – Range	Heavier – Range	Related (e.g., O	VOCs	Chlorinated	SVOCs	PAHs	Phthalates	Phenolics	Metals	PCBs	Herbicides and	Diovine/Furane	Overland Transport	Groundwater*	Direct Discharge – Overwater	Direct Discharge – Storm/Wastewater	Discharge to Storm Sewer	Bank Erosion
UST/Spill and Historic Fill	$\checkmark$	$\checkmark$			?	$\checkmark$	?	$\checkmark$	$\checkmark$	$\checkmark$	?	$\checkmark$	$\checkmark$	?	?	$\checkmark$		$\checkmark$	?		$\checkmark$		?	?	

\*The 2005 Phase II Investigation concluded that the results of the surface water and sediment testing show that Maspeth Creek is not significantly impacted by contamination and that there is no clear evidence that the contamination emanating from the site has impacted the sediments or surface waters of Maspeth Creek.

Notes:

 $\sqrt{-\text{COPCs are/were present in Areas of Concern having a current or historical pathway that is determined to be complete or potentially complete$ 

? - There is not enough information to determine if COPC is/was present in Area of Concern or if pathway is complete

-- - Current or historical pathway has been investigated and shown to be not present or incomplete

COPCs – Constituents of Potential Concern BTEX - Benzene, toluene, ethylbenzene, and xylenes PAHs - Polycyclic aromatic hydrocarbons SVOCs - Semi-volatile Organic Compounds TPH - Total Petroleum Hydrocarbons VOCs - Volatile Organic Compounds

# FIGURE 1

NC-NYCDEP-00000001

Figure 1 Site Location Map Former Maspeth Railroad Place Site 57-15 49<sup>th</sup> Street, Maspeth, NY



Source: National Geographic Holdings, 2000

1-2 ENVIROSCIENCE CONSULTANTS, INC.

# FIGURE 2

NC-NYCDEP-0000003



# **ATTACHMENT 1**

NC-NYCDEP-00000005



# Volume I



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# Appendices

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### Plates

1 Site Layout and Sampling Locations

### Section 1.0 Introduction

Enviroscience Consultants, Inc. has completed the tasks described in our work plan dated, October 2003, for the subsurface investigation of the Maspeth Railroad Place Site that is located at 57-15 49<sup>th</sup> Street in Maspeth, New York. Figure 1.1 shows the site location. Plate 1 shows the general site layout of the property along with the sampling locations.

The site occupies approximately 2.8 acres in a heavy manufacturing district in Queens. The City of New York is the present owner of the property, and the site is presently undeveloped and vacant. The site was previously operated as an aluminum plant approximately 60 years ago and more recently was operated as, a bus maintenance and storage yard, a silkscreen printing facility, and a graphic die cutter facility.

Previous investigations have shown the presence of contaminants at the site. The purpose of this report is to characterize the nature and extent of contamination in the soil and groundwater at the site and to evaluate the potential for the contamination to impact Maspeth Creek. Conclusions and recommendations for addressing the concerns at the site are included at the end of this report.

Figure 1.1 Site Location Map Former Maspeth Railroad Place Site 57-15 49<sup>th</sup> Street, Maspeth, NY





### Section 2.0 Environmental Setting

#### 2.1 Geology and Hydrogeology

Groundwater in the vicinity of the property is derived from the infiltration of precipitation through the ground surface and surficial deposits to the water table. The surficial glacial deposits in the area of the site consist mainly of stratified medium to coarse sand and gravel. Approximately half of the precipitation that reaches the land surface infiltrates and enters the groundwater system. The water table is the upper limit of the groundwater reservoir and it is bounded beneath by impervious bedrock.

The regional groundwater flow information beneath the vicinity of the property was obtained from "The Water Table Altitude in Kings and Queens Counties" prepared by the United States Geological Survey (March 1997). According to the map, the elevation of the groundwater beneath the subject property is less than 10 feet above mean sea level and the regional groundwater flow direction beneath the property is generally to the southwest.

#### 2.2 Site-Specific Geology

The site-specific geology at the site was ascertained primarily from boring logs obtained during the drilling of soil borings and the installation of groundwater monitoring wells. The boring logs for all drilling performed during this investigation are presented in Attachment A. The logs show that uppermost soils (from grade to a depth of approximately five to ten feet) generally contain fine to course grained materials. This upper layer appears to be, for the most part, fill material that was placed at the site over areas that appear to have been wetlands. In areas where the fill does not extend down to the water table, the geologic materials encountered from five to ten feet were often generally clays and silty clays, and silts and appear to represent sediments that are associated with the former wetlands.

In some locations, partially decomposed vegetative matter was noted within the

2-1

matrix of the clay zones, which is further evidence that the site is a filled wetland.

#### 2.3 Topography and Drainage

The surface topography of the subject site and its vicinity was obtained from Seamless United States Geological Survey Topographic Maps (1998). The topographic elevation of the subject property is approximately 20 feet above mean sea level. The depth to water beneath the site is approximately 10 feet.

There are wetlands and surface water bodies located within one-eighth of a mile from the subject property. These wetlands are associated with Newtown and Maspeth Creeks, however, no wetlands or surface water bodies are located on the subject property.

### Section 3.0 Site History and Previous Investigations

The NYCDEP provided Enviroscience Consultants with three Phase II ESA reports (prepared by TRC Environmental Corporation in November, 1992; EEA, Inc. in December, 1996; and the Port Authority of New York and New Jersey in October, 1998) that were previously performed on the subject property and its vicinity.

The Phase II investigations included the collection of soil and groundwater samples at locations throughout the subject property, including the vicinity of a former 20,000-gallon UST that was reported to be located in the southern portion of the property. A 4,000-gallon UST was reported to potentially exist at the subject property, slightly east of the former 20,000-gallon UST. The results of the previous investigations generally show that the groundwater and soil beneath the subject property has been impacted by petroleum-related semi-volatile organic compounds (SVOCs) from on-site and possibly off-site sources. During a previous investigation, high concentrations of bis(2ethylhexyl)phthalate were detected in groundwater and soil samples from the southern portion of the property. The concentrations of volatile organic compounds (VOCs) and metals detected do not appear to be as high as the concentrations of SVOCs although the metals were generally detected throughout the subject property. Based on the results of the Port Authority investigation, there is no evidence that pesticides or PCBs pose an environmental concern to the subject property. There is information contained in the investigations that the groundwater flow direction may be tidally influenced.

#### **3.1 TRC Environmental Corporation Phase II Investigation**

In 1992, TRC Environmental Corporation performed a Phase II ESA investigation to characterize the soil beneath the site, calculate the site-specific groundwater flow direction, and evaluate whether the soil and groundwater beneath the site has been impacted by former site activities. A soil vapor survey and soil and groundwater sampling were performed throughout the site, including the vicinity of the 20,000-gallon

3-1

UST located in the southern portion of the property. The samples were analyzed for VOCs, SVOCs, and metals. In addition, a suspected 4,000-gallon UST was also potentially located in the southeastern portion of the site. The sampling results indicated that the site has been impacted by several SVOCs and metals. VOCs were also detected, however, to a lesser extent.

The soil beneath the site was generally characterized as fine to coarse sand with some assorted fill materials, and the site-specific groundwater flow direction was determined to be generally southwest.

Three groundwater-monitoring wells were installed and subsequently sampled to evaluate whether groundwater beneath the site has been impacted. The results of the groundwater sampling showed that the groundwater, in the vicinity of, the former 20,000gallon UST has been impacted by VOCs, SVOCs, and metals.

#### **3.2 EEA Phase II Investigation**

In 1996, EEA performed a Phase II ESA investigation for the adjoining property to the east (New York City Tax Nos. 225 and 240) of the subject site. Based on the regional groundwater flow direction, this property is located upgradient of the eastern and southeastern portions of the subject site. (The site-specific groundwater flow direction that is included in the EEA report is in disagreement with the regional groundwater flow direction and the site-specific flow directions calculated by other consultants). Based on its upgradient location, the adjoining property to the east has the potential to impact the groundwater beneath the subject property.

During the investigation, the adjoining property to the east contained five abandoned USTs, and soil sampling was performed in the vicinity of the tanks to evaluate the extent of contamination. Groundwater samples were also collected from five groundwater-monitoring wells. All of the samples were analyzed for NYSDEC STARS Table 1 VOCs.

The results of the investigation showed that the soil in the vicinity of the USTs has been impacted by VOCs that are typically associated with petroleum products and the
groundwater beneath the property has been impacted. According to the groundwater results and the regional groundwater flow direction, the subject property appears likely to be impacted by a petroleum plume that is emanating from the adjoining property to the east.

#### **3.3 Port Authority Phase II Investigation**

In 1998, the Port Authority of New York and New Jersey performed a Phase II ESA investigation at the subject site. Soil vapor, soil, and groundwater samples were collected to evaluate the extent of contamination on the subject property. A total of four groundwater-monitoring wells were installed during this investigation, and all of the samples were analyzed for VOCs, SVOCs, metals, pesticides, and PCBs.

The soil results showed that no VOCs were detected on the subject property except for two compounds (xylenes and ethylbenzene) detected during the installation of well MW-1. Well MW-1 was installed in the vicinity of the former 20,000-gallon UST, along the southern portion of the subject property. Several SVOCs and metals were detected in samples collected throughout the subject property and exceed the NYSDEC Recommended Soil Cleanup Objectives (the Objectives). High concentrations of bis(2-ethylhexyl)phthalate were detected in soil samples in the southern portion of the subject property.

The groundwater results showed that concentrations of VOCs, SVOCs, and metals were generally low with the exception of bis(2-ethylhexyl)phthalate at high concentrations in the southern portion of the subject property.

3-3

### Section 4.0 Field Investigation

During sampling activities associated with the subsurface investigation of the Maspeth Railroad Place Site, all samples were collected using dedicated or decontaminated equipment, placed in laboratory-supplied containers, properly preserved, and transported to a New York State Department of Health-approved laboratory for chemical analysis for VOCs, SVOCs, pesticides, PCBs, and total Target Analyte List (TAL) metals with the exception of the soil vapor samples that were analyzed for VOCs only. Selected VOC samples were also analyzed for tentatively identified compounds (TICs). The groundwater metals samples were analyzed for total (unfiltered) and dissolved (filtered) metals. York Analytical Laboratories (New York License No. 10854) performed the analyses of the soil vapor results) were prepared in New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B deliverables format. [There is no contract laboratory protocol (CLP) for vapor samples.] In addition, a Data Usability Summary Report was prepared.

#### 4.1 Decontamination Procedures

All non-dedicated sampling equipment was decontaminated to reduce the potential for sample cross-contamination prior to sample collection. The decontamination procedures included, where appropriate, a non-phosphate (e.g. Alconox) solution wash, followed by a distilled water rinse, a 10% solution nitric acid rinse, a methanol rinse, and a final distilled water rinse.

#### 4.2 Field Documentation

The soil from all soil borings and well installations was characterized using the Unified Soil Classification System (USCS). Well installation and boring logs were also prepared and are presented in Appendix A.

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Field activities and observations during this investigation were recorded in a projectdedicated field notebook using indelible black ink. A chain of custody form was completed to document the sequence of sample possession, and each sample was labeled using a specific identifier and included the sample date and time, project name, chemical preservative (if applicable), and analysis requested.

#### 4.3 Soil Vapor Sampling Procedures

A total of 20 soil vapor samples (identified as samples SG-1 through SG-20 on Plate 1) were obtained in the vicinity of potential source areas located throughout the subject property. The samples were obtained to evaluate whether additional potential source areas exist at the property and whether soil vapor should be considered a concern for the future development of the site.

The soil vapor samples were collected by advancing a metal rod into the ground to a depth of approximately four feet below grade. Dedicated polyethylene tubing was placed in the borehole and the borehole was sealed at the surface around the tubing. The tubing was connected to a pump (similar to an Alpha-1 Multi-Flow Air Sampler) and ambient air was purged for the collection of the sample. The samples were collected in dedicated one-liter Tedlar bags and transported to the laboratory for chemical analysis of VOCs and selected samples were analyzed for VOC TICs using Method TO-14.

#### 4.4 Sediment Sampling Procedures

A total of three surface sediment samples (identified as samples SS-1, SS-2, and SS-3) were collected from the sediment along Maspeth Creek near the headwall during periods of low tide. The sediment samples were collected at a depth of approximately 0 to 2 inches below the sediment surface using dedicated sampling spoons. The samples were analyzed for VOCs (selected samples were also analyzed for VOC TICs), SVOCs, pesticides, PCBs, and total TAL metals.

#### 4.5 Soil Sampling

A total of 45 soil borings were performed using direct-push technology. The borings were advanced to the depth of the water table and the samples were collected in dedicated acetate sleeves. Of the 45 borings, 14 were associated with the installation of the groundwater monitoring wells.

At each location, the soil was evaluated for visual and olfactory indications of contamination and screened using a photoionization detector (PID) for the presence of organic vapors. In addition, the soil was characterized using the USCS.

A total of two samples were collected per boring, and, therefore, a total of 90 soil samples were collected. The samples were collected from immediately above the water table and from the interval showing the greatest indication of contamination based on PID readings. If no signs of contamination were found, the samples were collected from two feet below grade and immediately above the water table. The samples were analyzed for VOCs (selected samples were also analyzed for VOC TICs), SVOCs, pesticides, PCBs, and total TAL metals.

#### 4.6 Groundwater Sampling

During the investigation, groundwater samples were collected from a total of 34 temporary well points (using either direct-push or hydropunch technology) and 21 groundwater-monitoring wells. The samples were analyzed for VOCs (selected samples were also analyzed for VOC TICs), SVOCs, pesticides, PCBs, and total and dissolved TAL metals.

#### 4.7 Temporary Well Point Sampling Procedures

At each soil boring location, a groundwater sample (identified as sample GP-1 through GP-31) was collected from immediately below the water table using a direct-push sampling unit. Prior to sample collection, the groundwater was purged from the rods using dedicated polyethylene tubing to reduce the sample turbidity.

4-3

Three additional groundwater sampling locations were collected using direct-push technology to determine the installation depth of the three deep permanent groundwatermonitoring wells (as discussed below).

#### 4.8 Monitoring Well Installation Procedures

A total of 14 permanent groundwater-monitoring wells were installed during this investigation. All of the groundwater-monitoring wells were installed so that their screens intercepted the water table (identified as wells MW-5 through MW-15) except for three that were installed at depths below the water table. To determine the installation depth of the deeper wells, vertical groundwater sampling was performed at 10-foot intervals. The deeper wells were installed at the depth interval that showed the highest indications of contamination based on PID readings and other field indications of contamination.

During this investigation, all of the wells were constructed using two-inch diameter polyvinyl chloride (PVC), 10-foot lengths of screen, and with flush-mounted locking manholes. The screens for all of the water table wells were placed approximately eight feet below the water table. A sand filter pack and then bentonite pellets were installed in the annular space of the well to a height of approximately two and four feet above the screened interval, respectively. The bentonite pellets were hydrated after placement above the sand pack. Upon completion of the well installation, but not prior to 12 hours after installation, the wells were developed to reduce turbidity using a submersible pump.

The wells were surveyed to confirm and update the site-specific groundwater flow direction during low and high tides. The depth to water was measured to the nearest one-hundredth of a foot using a Solinst water level indicator.

#### 4.9 Groundwater-monitoring Well Sampling Procedures

All wells associated with the site were sampled. Prior to sample collection, the depth to water was measured to the nearest one-hundredth of a foot and the wells were purged of at least three casing volumes or until dry using a submersible pump or

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dedicated polyethylene bailer. Following each volume of water purged from the well, the pH, temperature, and conductivity (stability parameters) were measured to ensure that ambient groundwater was sampled. The wells were sampled using a dedicated polyethylene bailer after two consecutive casing volumes of water showed similar stability parameter measurements (variation of less than 10 percent).

#### 4.10 Surface Water Sampling Procedures

A total of two surface water samples (identified as samples SW-1 and SW-2) were collected from the vicinity of the Maspeth Creek headwall near 49<sup>th</sup> Street. The samples were collected on different days and tidal stages to evaluate whether the surface water has been impacted by previous activities at the subject site. The samples were analyzed for VOCs plus VOC TICs, SVOCs, pesticides, PCBs, and total TAL metals.

#### 4.11 Test Pitting Procedures

Five test pits (identified as locations TP-4 through TP-8) were excavated on the subject property using a backhoe to determine whether underground storage tanks (USTs) are located on the subject property. The test pitting was performed to a depth of approximately 8 to 10 feet below grade and the pits were over 20 feet long and five feet wide. From each excavation, one composite soil sample was collected from the walls and floor of the excavation. The pits were backfilled following sample collection. The soil samples were analyzed for VOCs (selected samples were also analyzed for VOC TICs), SVOCs, pesticides, PCBs, and total TAL metals.

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#### Section 5.0

#### **Quality Assurance and Quality Control Procedures**

#### 5.1 QA/QC Procedures

Quality Assurance and Quality Control (QA/QC) samples were collected to evaluate the effectiveness of field and laboratory procedures and to attest to the validity of the analytical results. The following samples were collected for each 20 environmental samples per matrix:

- Duplicate samples- A separate aliquot was collected for aqueous samples to evaluate the precision of laboratory analyses.
- Matrix spike/matrix spike duplicate- An MS/MSD sample was collected to evaluate the precision of the laboratory and to evaluate matrix interference.

The following samples were collected during each sampling day for each matrix:

- Trip blank were provided by the laboratory to evaluate field cross-contamination. One trip blank sample was included in each cooler that contained VOC samples.
- Equipment QC samples- Laboratory grade water was poured over a decontaminated sampling instrument to evaluate the effectiveness of decontamination procedures.

#### 5.2 Data Usability Summary Report Procedures

All laboratory data was evaluated and a Data Usability Summary Report (DUSR) was prepared and is included as part of this investigation report. The DUSR was prepared in accordance with the New York State Department of Environmental Conservation, Division of Environmental Remediation document entitled "Guidance for the Development of Data Usability Summary Reports."

The DUSR includes an evaluation of the completeness of the NYSDEC ASP Category B deliverables package, an evaluation of holding times, QC data analysis, evaluation of analytical protocols, comparison of the summary sheets and raw data, and evaluation of laboratory qualifiers.

#### 5.3 Sample Handling Procedures

All samples obtained in the field were placed in coolers with ice to depress the temperature to 4 degrees Celsius for transport to the laboratory. The samples obtained were delivered to the laboratory within 48 hours. A chain-of-custody document accompanied each shipment to the laboratory to document the sequence of sample possession.

### Section 6.0 Site Investigation Results

This section will present the results of all field procedures and sample analyses. The laboratory reports for all samples obtained during this investigation are found in Volume 2 of this report. The laboratory results are summarized in tables associated with the section in which they are discussed.

#### 6.1 Test Pit Excavation Results

Test pitting was performed in the southern corner of the site (as shown on Plate 1). The purpose of the test pitting was to evaluate the presence of two suspected USTs in that portion of the site. The test pitting was performed using a backhoe and each trench section was greater than 20 feet long (the total lateral distance of the trenching was approximately 140 feet). Each trench was at least five feet wide and 8 to 10 feet deep. Based on field observations, significant petroleum odors were noted to be emanating from the trenches during excavation at locations TP-4, TP-6, and TP-8.

The results of the trenching showed that one UST was found during excavation at trench T-8 (this is the 20,000 gallon UST that was discovered during a previous investigation). The UST is reported to have contained petroleum and its contents may have been emptied in 1992. The UST is oriented such that its long axis is parallel to the south fenceline. Enviroscience noted that the majority of the UST was present on the site, however, a small portion appears to extend beyond the fenceline (the fenceline is believed to be the approximate legal boundary of the site). Significant petroleum staining was noted in the area of the tank and its associated piping. Based on this information, Enviroscience immediately reported a spill to the NYSDEC (on March 12, 2004). The spill number assigned is 0313650.

The test pitting showed that the second tank, which was believed to be a 4,000gallon UST that may have been abandoned in place, was not found during the test pitting. This UST was believed to exist in an area that was just beyond the fenceline of the site

6-1

and it was suggested during previous investigations that a portion of this UST may have extended to the area within the fenceline. It is concluded that this 4,000-gallon UST may still be present in the ground, however, if so, it is beyond the area of the fenceline and is, therefore, off the site.

#### 6.2 Groundwater Flow Direction Calculation

Based on the regional groundwater flow direction and the previous site-specific calculations, most sources of information have indicated that the groundwater is flowing generally to the southwest.

To confirm and update this information, Enviroscience calculated the groundwater flow direction using all previously-existing and newly-installed wells. After all wells were installed, Enviroscience contracted Montrose Surveying Co., a New York State-licensed land surveyor. The surveyors determined the elevations of each of the well casings and the point of measurement on the casing was marked. The surveyors used an arbitrary datum of 100 feet and all well elevations are relative to this point (it should be noted that the actual elevation at the site is approximately 20 feet). The surveyors also placed the surveyed areal well locations and the fenceline on a base map. Enviroscience took this information and created a map (Plate 1) that includes all information from previous and recently-installed wells.

Figures 6.2.1 and 6.2.2 show the calculated direction of groundwater flow at high and low tides. Table 6.2.1 presents the measured depths to water or product at each well, the surveyed relative elevations, and the resultant relative groundwater elevations. The figures show that the direction of flow is generally toward the southwest during both high and low tide. This is consistent with previous investigations as well as the regional flow direction. It was also noted that there is no significant difference in groundwater flow direction at high tide and low tide. During the process of calculating the flow direction, it was noted that some of the wells that exist on the site yielded anomalous results. It appears that, due to the areas of low permeability materials in which some of the wells were constructed, the hydraulic communication between the wells and the aquifer is

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NC-NYCDEP-00000025



6-4

#### NC-NYCDEP-0000026

# Table 6.2.1Elevation and Depth To Water Measurements57-15 49th Street, Maspeth, New York

Measurement Date	July 7, 2004 Casing Elevation (in feet above mean	Relative Gro Eleva (in feet above m	oundwater tion aean sea level)	April : Higl	21, 2004 h Tide	July 7 Low	7, 2004 Tide
Location No.	sea level)	April 21, 2004 High Tide	July 7, 2004 Low Tide	DTW	DTP	DTW	DTP
MW-1 (1998)	*	-	-	12.58	ND	*	ND
MW-2 (1992)	105.03	94.33	94.18	10.70	10.50	10.85	10.70
MW-2A (1998)	105.13	96.11	95.63	9.02	ND	9.50	ND
MW-4 (1998)	99.53	94.28	93.83	5.25	ND	5.70	ND
MW-5	105.24	96.09	95.99	9.15	ND	9.25	ND
MW-6	105.05	94.65	94.40	10.40	ND	10.65	ND
MW-7	105.49	94.54	94.79	10.95	ND	10.70	ND
MW-8	105.86	94.18	93.91	11.68	ND	11.95	ND
MW-9	106.36	94.16	93.71	12.20	ND	12.65	ND
MW-10	104.86	93.96	93.56	10.90	ND	11.3	ND
MW-11	105.75	94.27	93.25	11.48	ND	12.5	ND
MW-12	104.95	94.50	94.05	10.45	ND	10.90	ND
MW-13	104.94	94.54	94.19	10.40	ND	10.75	ND
MW-14S	105.16	95.46	95.33	9.70	ND	9.83	ND
MW-14D	105.09	93.89	94.39	11.20	ND	10.70	ND
MW-15	105.13	93.08	93.73	12.05	10.75	11.40	11.10

#### Notes:

ND = Not Detected

\* = Could not locate well

- = Not Available

DTW = Depth to water in feet below grade

DTP = Depth to product in feet below grade

sufficiently poor that their water level elevations were deemed to be unrepresentative of the elevation of the water table at those locations. These wells were omitted from the calculations.

#### 6.3 Soil Gas Investigation Results

Soil gas samples were obtained at 20 locations as shown on Plate 1 and identified as the "SG" samples. The purpose of the samples was to determine the concentrations of VOCs in the soil gas so that the health issues associated with the future development of the site can be evaluated.

The results are summarized in Tables 6.3.1 (VOCs) and 6.3.2 (VOC TICs) and the laboratory results and show that several VOCs were detected in the soil gas at low concentrations. The compounds detected are all constituents of petroleum with the exception of methylene chloride. However, all methylene chloride detections in the samples were flagged in the laboratory report with a "B" that indicates that the chemical was also detected in the method blank and its existence in the soil gas is questionable. Methylene chloride is known to be a common laboratory contaminant and, since the soil gas results (as well as the other site results) indicate that the site is impacted by old, highly-weathered petroleum, the detection of methylene chloride, which is highly volatile and does not persist in the soil gas under most conditions and is not a constituent of petroleum, is highly doubtful.

VOC TICs were analyzed for half of the soil gas samples. No compounds were detected in any of the samples with the exception of location SG-20 which showed a detection of 1-ethyl-4-methyl benzene at 16 ppb.

#### 6.4 Soil Sampling Results

A total of 80 soil samples were obtained from 31 soil boring locations and 10 borings performed for the purpose of installing groundwater-monitoring wells.

The soil results for the VOC analyses are shown in Table 6.4.1. Selected samples were also analyzed for VOC TICs and those results are presented in Table 6.4.2. The

6-6

Table 6.3.1Soil Gas Chemical Analytical Results – Volatile Organic Compounds57-15 49th Street, Maspeth, New York

Location No.	<b>SG-1</b>	<b>SG-2</b>	SG-3	SG-4	<b>SG-5</b>	SG-6	<b>SG-7</b>	<b>SG-8</b>	<b>SG-9</b>	SG-10	SG-11	SG-12
Volatile Organic Compo	unds ( <i>in</i>	parts per	r billion	volume)								
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	12B	15B	9.9B	11B	5.2B	11 <b>B</b>	13B	5.0B	14B	11B	7.4B	6.2B
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	1.5	ND
Toluene	3.3	1.9	3.5	3.3	1.8	3.1	2.2	2.4	3.3	2.7	2.4	2.6
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P&m-Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Location No.	SG-13	SG-14	SG-15	SG-16	SG-17	SG-18	SG-19	SG-20
Volatile Organic Compo	unds ( <i>in</i> )	parts per	billion v	olume)				
Dichlorodifluoromethane	ND	ND	ND	1.8	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	9.3
Methylene Chloride	5.8B	6.8B	8.3B	7.5B	5.7B	6.4B	2.9B	2.9B
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	2.9	2.4	4.1	2.2	2.7	2.7	1.8	1.9
Trichlorofluoromethane	ND	ND	ND	3.1	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	26
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	4.9
o-Xylene	ND	ND	ND	ND	ND	ND	ND	4.0
P&m-Xylenes	ND	ND	ND	ND	ND	ND	ND	16

#### Notes:

ND = Not Detected

B = Analyte was detected in blank

Only detected analytes are reported.

Location No.	SG-2	SG-4	<b>SG-6</b>	<b>SG-8</b>	SG-10	SG-12	SG-14	SG-16	SG-18	SG-20			
Volatile Organic Compounds (in parts per billion volume of air)													
1-Ethyl-4-methyl benzene ND ND ND ND ND ND ND ND ND 16													

#### Notes:

ND = Not Detected Only detected analytes are reported.

 Table 6.4.1

 Soil Chemical Analytical Results – Volatile Organic Compounds

 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	SI	8-1	SI	B-2	SI	3-3	SI	3-4	SI	3-5	SI	3-6	NYSDEC
Sample Depth (in feet)	0-2	10-12	0-2	12-14	3-5	15-17	0-2	10-12	0-2	11-13	0-2	10-14	Recommended Soil Cleanup Objective
Volatile Organic Compour	nds ( <i>in mic</i>	crograms p	er kilogra	<b>m</b> )									
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,300
p-Isopropyltoluene	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	13,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,400
Toluene	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	700
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200
Total Xylenes	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200
Total VOCs	86	ND	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	10,000

### Table 6.4.1 (continued)Soil Chemical Analytical Results – Volatile Organic Compounds57-15 49th Street, Maspeth, New York

Location No.	SI	B-7	SB	-8	SB	-9	SB-	10	SB-11 0 0-2 12-14		NYSDEC Recommended Soil Cleanup Objective
Sample Depth (in feet)	0-2	10-12	0-2	13-15	0-2	13-15	0-2	18-20	0-2	12-14	
Volatile Organic Compoun	ds ( <i>in mici</i>	rograms pe	r kilogram)	1							
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,300
p-Isopropyltoluene	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	10,000
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Naphthalene	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	13,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,400
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	700
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200
Total VOCs	ND	ND	ND	18	ND	ND	10	ND	ND	ND	10,000

Location No.	SB	8-12	SB	-13	SB	-14	SB	-15	SB	-16	SB	8-17	NYSDEC
Sample Depth (in feet)	0-3	12-14	2-4	10-12	0-2	11-13	0-2	11-13	0-2	11-13	0-2	16-18	Recommended Soil Cleanup Objective
Volatile Organic Compoun	ds ( <i>in mic</i>	rograms pe	er kilogran	n)									
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,300
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	ND	ND	13,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,400
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	700
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200
Total VOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	ND	ND	10,000

Location No.	SB-	19	SB-20	SB	-21	SB	-22	SB-	23	SB-24		NYSDEC
Sample Depth ( <i>n feet</i> )	2-4	10-12	0-2	0-2	8-10	0-2	8-10	0-2	8-10	2-4	8-10	Recommended Soil Cleanup Objective
Volatile Organic Compour	ds ( <i>in microgra</i>	ıms per kilogra	um)									
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	-
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,300
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
Methylene Chloride	ND	ND	ND	90B	12B	65B	13B	39B	23B	17B	92B	100
Naphthalene	ND	ND	ND	1,800	ND	ND	ND	ND	ND	ND	ND	13,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	73	1,400
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56	700
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200
Total VOCs	ND	ND	ND	1,890	12	65	13	39	23	28	252	10,000

### Table 6.4.1 (continued)Soil Chemical Analytical Results – Volatile Organic Compounds57-15 49th Street, Maspeth, New York

Location No.	SE	8-25	SB-	26	SB	-27	SB	-28	SB-	29	SB-	30	SB-	-31	NYSDEC
Sample Depth (in feet)	0-2	5-10	1-3	8-10	1-3	8-10	3-5	8-10	0-2	8-10	2-3	8-10	2-4	8-10	Recommended Soil Cleanup Objective
Volatile Organic Compour	nds ( <i>in m</i>	icrogram	is per kilo	gram)											
n-Butylbenzene	ND	ND	ND	ND	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
sec-Butylbenzene	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	ND	ND	-
Ethylbenzene	56	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,300
p-Isopropyltoluene	ND	ND	ND	ND	37	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000
Methylene Chloride	150B	170B	46B	92B	36B	ND	33B	88B	24B	34B	45B	58B	76B	12B	100
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	13,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700
Tetrachloroethylene	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	120	ND	24	1,400
Toluene	ND	ND	ND	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	61	ND	ND	700
1,2,4-Trimethylbenzene	ND	ND	ND	ND	94	ND	ND	ND	ND	ND	ND	ND	6	ND	10,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	63	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200
Total Xylenes	330	ND	ND	ND	77	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200
Total VOCs	536	170	46	92	394	ND	33	88	24	34	45	349	94	36	10,000

### Table 6.4.1 (continued)Soil Chemical Analytical Results – Volatile Organic Compounds57-15 49th Street, Maspeth, New York

Location No.	MW	-5	M	W-6	MV	V-7	M	W-8	MV	V-9	MW-10		NYSDEC
Sample Depth (in feet)	2-4	10-12	0-2	10-12	8-10	10-12	0-2	10-12	0-2	10-12	0-2	12-14	Recommended Soil Cleanup Objective
Volatile Organic Compour	ds ( <i>in micr</i>	ograms pe	er kilogra	am)									
n-Butylbenzene	ND	ND	ND	140	ND	140	ND	ND	ND	ND	20	ND	10,000
sec-Butylbenzene	ND	ND	ND	79	ND	180	ND	ND	ND	ND	ND	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	10,000
1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23	ND	-
Ethylbenzene	ND	ND	ND	44	ND	ND	ND	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	56	ND	80	ND	ND	ND	ND	ND	ND	2,300
p-Isopropyltoluene	ND	ND	ND	11,000	ND	ND	ND	ND	5	ND	ND	ND	10,000
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	630B	56B	100
Naphthalene	ND	ND	ND	270	7	64	ND	ND	ND	ND	160B	400B	13,000
n-Propylbenzene	ND	ND	ND	36	ND	110	ND	ND	ND	ND	ND	ND	3,700
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18	ND	1,400
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	700
1,2,4-Trimethylbenzene	ND	ND	ND	710	ND	24	ND	ND	ND	ND	21	ND	10,000
1,3,5-Trimethylbenzene	ND	ND	ND	290	ND	ND	ND	ND	ND	ND	18	ND	3,300
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	200
Total Xylenes	ND	ND	ND	1,380	ND	ND	ND	ND	ND	5	ND	ND	1,200
Total VOCs	ND	ND	ND	14,005	7	611	ND	ND	5	5	904	456	10,000

### Table 6.4.1 (continued) Soil Chemical Analytical Results – Volatile Organic Compounds 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	MW	V-11	M	W-12	MV	V-13	MV	V-15	NYSDEC
Sample Depth (in feet)	0-2	10-12	0-2	10-12	0-2	10-12	0-2	10-12	Recommended Soil Cleanup Objective
Volatile Organic Compounds (a	in microgra	ıms per kilo	ogram)						
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	10,000
sec-Butylbenzene	ND	ND	ND	ND	ND	54	ND	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	10,000
1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	-
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	7	20	ND	ND	2,300
p-Isopropyltoluene	ND	17	ND	ND	5	42	ND	ND	10,000
Methylene Chloride	370B	120B	410B	250B	260B	290B	33B	98B	100
Naphthalene	77B	ND	ND	ND	ND	87B	ND	ND	13,000
n-Propylbenzene	ND	ND	ND	ND	ND	22	ND	ND	3,700
Tetrachloroethylene	ND	ND	8	16	25	39	ND	ND	1,400
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	1,500
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	700
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	10,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	3,300
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	200
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	1,200
Total VOCs	447	137	418	266	288	554	33	98	10,000

Notes: ND

E

= Not Detected

= Estimated value J В

= Analyte was detected in blank

Result exceeded calibration range of instrument =

No guidance value exists =

Only detected analytes are reported.

Bold values indicate an exceedence of the New York State Department of Environmental Conservation (NYSDEC) Recommended Soil Cleanup Objective.

 Table 6.4.2

 Soil Chemical Analytical Results – Volatile Organic Compounds – Tentatively ID Compounds

 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	SI	B-1	SI	B-2	S	B-3	S	B-4	S	B-5	SI	B-6
Sample Depth (in feet)	0-2	10-12	0-2	12-14	3-5	15-17	0-2	10-12	0-2	11-13	0-2	10-14
Volatile Organic Compound	ls ( <i>in mic</i>	rograms p	er kilogr	am)								
alpha-Pinene	700	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Decahydro methyl naphthalene isomer	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Decane	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Dimethyl cyclohexane isomer	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Dimethyl undecane isomer	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Dodecane	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Ethyl cyclohexane	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Ethyl dimethyl benzene isomer	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Methyl cyclohexane	ND	ND	NA	NA	28	ND	NA	NA	ND	ND	ND	ND
Methyl decane isomer	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Methyl (methylethyl) benzene isomers	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Methyl nonane isomer	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Methyl tridecane isomer	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Nonane	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Propyl heptane	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Tetrahydro methyl naphthalene isomers	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Tetramethyl cyclohexane isomer	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Trimethyl cyclohexane isomer	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Undecane	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Unknown alkene	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Unknown alkyl cyclohexanes	ND	ND	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Unknown cyclic aliphatic	ND	ND	NA	NA	25	ND	NA	NA	ND	ND	ND	ND

Location No.	S	B-7	SB	<b>-8</b>	SB	-9	SB-	10	SB	-11
Sample Depth (in feet)	0-2	10-12	0-2	13-15	0-2	13-15	0-2	18-20	0-2	12-14
Volatile Organic Compounds (i	n microgr	ams per kil	ogram)							
alpha-Pinene	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Decahydro methyl naphthalene isomer	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Decane	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Dimethyl cyclohexane isomer	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Dimethyl undecane isomer	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Dodecane	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Ethyl cyclohexane	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Ethyl dimethyl benzene isomer	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Methyl cyclohexane	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Methyl decane isomer	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Methyl (methylethyl) benzene isomer	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Methyl nonane isomer	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Methyl tridecane isomer	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Nonane	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Propyl heptane	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Tetrahydro methyl naphthalene isomers	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Tetramethyl cyclohexane isomer	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Trimethyl cyclohexane isomer	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Undecane	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Unknown alkene	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Unknown alkyl cyclohexanes	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND
Unknown cyclic aliphatic	NA	NA	ND	ND	NA	NA	ND	ND	ND	ND

Location No.	SB	8-12	SF	3-13	SB	8-14	SE	8-15	SE	3-16	SB	5-17
Sample Depth (in feet)	3-5	12-14	2-4	10-12	0-2	11-13	0-2	11-13	0-2	11-13	0-2	16-18
Volatile Organic Compour	ds (in mi	icrograms	per kilog	ram)								
alpha-Pinene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Decahydro methyl naphthalene isomer	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Decane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Dimethyl cyclohexane isomer	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Dimethyl undecane isomer	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Dodecane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Ethyl cyclohexane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Ethyl dimethyl benzene isomer	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Methyl cyclohexane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Methyl decane isomer	NA	NA	NA	NA	NA	NA	NA	NA	ND	420	ND	ND
Methyl (methylethyl) bezene isomer	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Methyl nonane isomer	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Methyl tridecane isomer	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Nonane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Propyl heptane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrahydro methyl naphthalene isomers	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetramethyl cyclohexane isomer	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Trimethyl cyclohexane isomer	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Undecane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Unknown alkene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Unknown alkyl cyclohexanes	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Unknown cyclic aliphatic	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND

Location No.	SB	-19	SB-20	SB	-21	SB	-22	SB	3-23	SB	-24
Sample Depth ( <i>n feet</i> )	2-4	10-12	0-2	0-2	8-10	0-2	8-10	0-2	8-10	2-4	8-10
Volatile Organic Compou	ınds ( <i>in n</i>	iicrogram	s per kilogram)								
alpha-Pinene	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Decahydro methyl naphthalene isomer	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Decane	NA	NA	NA	ND	ND	ND	ND	ND	ND	100	ND
Dimethyl cyclohexane isomer	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl undecane isomer	NA	NA	NA	ND	ND	ND	ND	ND	ND	170	ND
Dodecane	NA	NA	NA	ND	ND	ND	ND	ND	ND	120	ND
Ethyl cyclohexane	NA	NA	NA	ND	ND	ND	ND	ND	ND	59	ND
Ethyl dimethyl benzene isomer	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Methyl cyclohexane	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Methyl decane isomer	NA	NA	NA	ND	ND	ND	ND	ND	ND	84	ND
Methyl (methylethyl) benzene isomer	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Methyl nonane isomer	NA	NA	NA	ND	ND	ND	ND	ND	ND	86	ND
Methyl tridecane isomer	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Nonane	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Propyl heptane	NA	NA	NA	ND	ND	ND	ND	ND	ND	110	ND
Tetrahydro methyl naphthalene isomers	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Tetramethyl cyclohexane isomer	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Trimethyl cyclohexane isomer	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Undecane	NA	NA	NA	ND	ND	ND	ND	ND	ND	55	ND
Unknown alkene	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Unknown alkyl cyclohexanes	NA	NA	NA	ND	ND	ND	ND	ND	ND	240	ND
Unknown cyclic aliphatic	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND

Location No.	SF	8-25	SB	-26	SB	-27	SB	-28	SB	-29	SB-	-30	SB	-31
Sample Depth (in feet)	0-2	5-10	1-3	8-10	1-3	8-10	3-5	8-10	0-2	8-10	2-3	8-10	2-4	8-10
Volatile Organic Compound	ds (in n	nicrogra	ns per k	ilogram	)									
alpha-Pinene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Decahydro methyl naphthalene isomer	ND	ND	ND	ND	260	ND	ND	ND	ND	ND	ND	ND	ND	ND
Decane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl cyclohexane isomer	ND	ND	ND	ND	420	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl undecane isomer	ND	ND	ND	ND	220	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dodecane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl dimethyl benzene isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl cyclohexane	ND	ND	ND	ND	160	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl decane isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl (methylethyl) benzene isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl nonane isomer	ND	ND	ND	ND	370	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tridecane isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nonane	ND	ND	ND	ND	200	ND	ND	ND	ND	ND	ND	ND	ND	ND
Propyl heptane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydro methyl naphthalene isomers	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetramethyl cyclohexane isomer	ND	ND	ND	ND	400	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trimethyl cyclohexane isomer	ND	ND	ND	ND	490	ND	ND	ND	ND	ND	ND	ND	ND	ND
Undecane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown alkene	ND	ND	ND	ND	150	ND								
Unknown alkyl cyclohexanes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown cyclic aliphatic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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#### Notes:

Only detected analytes are reported.ND=Not DetectedNA=Not AnalyzedNo TAGM 4046 Objectives exist for TICs.

sample depths on the table are the depth intervals from which each sample was obtained.

The results are compared to the NYSDEC Recommended Soil Cleanup Objectives (TAGM-4046). Values that exceed the Objectives are presented in bold-faced type.

For the VOC soil samples, the results show that very few VOCs were detected in the soil boring locations at the site. The detections showed generally minor concentrations of constituents of petroleum products (with the exception of methylene chloride). Two exceedances of the Objectives were found: (1) in the boring for monitoring well MW-6, p-Isopropyltoluene was detected at a concentration of 11,000 parts per billion (ppb) (the Objective is 10,000 ppb) at a depth of 10 to 12 feet and (2) at MW-10, methylene chloride was detected at a concentration of 630 ppb (the Objective is 100 ppb) at a depth of 0 to 2 feet. All methylene chloride detections were flagged with a "B" and, therefore, their existence in the soil is, again, highly doubtful.

For the VOC TICs, most of the samples analyzed showed little of no detections of TICs. The exception to this is SB-27 (1-3 feet) which showed a total TIC concentration of 2,670 ppb, however, the total concentration of VOCs plus VOC TICs was 3,064 ppb, which is well below the Objective for total VOCs of 10,000 ppb.

In summary, the VOC and VOC TICs analyses generally show minor concentrations of petroleum constituents detected sporadically throughout the site and one minor exceedance of the Objectives for p-Isopropyltoluene. The relative absence of VOCs in the soil indicates that the petroleum that exists in the soil is highly weathered.

Table 6.4.3 shows the summary of the results for the SVOCs. SVOCs associated with petroleum were detected in most of the samples. Of the 41 boring locations, SVOC exceedances of the Objectives were found in at least one of the samples from every boring performed.

The locations at which the highest concentrations of total SVOCs were detected are SB-21 and SB-5. These sample locations are adjacent to one another and near the northeast corner of the site. The total concentrations at SB-21 were 1,110,100 ppb and 867,800 ppb at SB-5. Both of these concentrations were detected in the shallow soil at a

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 Table 6.4.3

 Soil Chemical Analytical Results – Semi-Volatile Organic Compounds

 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	SE	8-1	SE	8-2	SI	3-3	SI	B-4	SB	-5	SE	3-6	NYSDEC
Sample Depth ( <i>in feet</i> )	0-2	10-12	0-2	12-14	3-5	15-17	0-2	10-12	0-2	11-13	0-2	10-14	Recommended Soil Cleanup
Sumple Depth ( <i>mjeet)</i>	• -	10 12	• -	12 17	00	10 17	• -	10 12	• -	11 10	• -	10 14	Objective
Semi-Volatile Organic Con	npounds (a	in microgr	ams per ki	logram)				•					
Acenaphthene	ND	ND	1,100	ND	ND	ND	ND	1,200	19,000	ND	2,600	ND	50,000
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	580J	ND	ND	ND	ND	41,000
Anthracene	440J	140J	1,900	ND	ND	64J	ND	2,400	30,000	150J	4,700	ND	50,000
Benzo(a)anthracene	2,300	480	2,900	89J	ND	150J	58J	6,400	93,000	290J	9,400	ND	224
Benzo(a)pyrene	1,900	400	1,900	75J	ND	130J	ND	4,300	65,000	230J	7,200	ND	61
Benzo(b)fluoranthene	1,300J	290J	1,500	ND	ND	920J	ND	5,300	86,000	200J	7,500	ND	1,100
Benzo(g,h,i) perylene	1,400J	300J	990	ND	ND	64J	ND	720	16,000	95J	1,500J	ND	50,000
Benzo(k)fluoranthene	1,700	370	1,600	61J	ND	110J	ND	2,500	47,000	250J	5,100	ND	1,100
Bis(2-ethylhexyl)phthalate	ND	ND	680	ND	ND	ND	260J	ND	62,000	ND	ND	ND	50,000
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50,000
Chrysene	2,400	500	2,600	99J	ND	170J	66J	6,200	67,000	330	9,100	ND	400
Dibenzo(a,h)anthracene	680J	170J	650J	ND	ND	ND	ND	620J	9,900	ND	1,100J	ND	14
Dibenzofuran	ND	ND	560J	ND	ND	ND	ND	590J	11,000	ND	1,300J	ND	6,200
Di-n-butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8,100
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50,000
Fluoranthene	3,800	1,100	5,000	230J	150J	370	130J	9,400	110,000	640	15,000	ND	50,000
Fluorene	ND	ND	1,100	ND	ND	ND	ND	2,300	21,000	65J	2,800	ND	50,000
Indeno(1,2,3-cd)pyrene	1,400J	300J	1,200	ND	ND	69J	ND	1,100	20,000	98J	2,100	ND	3,200
2-Methylnapththalene	ND	ND	330J	ND	ND	ND	ND	200J	3,900J	ND	340J	ND	36,400
Naphthalene	ND	ND	730	ND	ND	ND	ND	300J	13,000	ND	520J	ND	13,000
Phenanthrene	1,500J	430	4,600	180J	ND	240J	72J	7,200	96,000	530	14,000	ND	50,000
Pyrene	3,800	1,000	4,300	240J	150J	350	120J	8,100	98,000	600	13,000	ND	50,000
Total SVOCs	22,620	5,480	33,640	974	300	2,637	706	59,410	867,800	3,478	97,260	ND	500,000

Location No.	SB	-7	SB	-8	SI	3-9	SB-	10	SB-	-11	
Sample Depth (in feet)	0-2	10-12	0-2	13-15	0-2	13-15	0-2	18-20	0-2	12-14	NYSDEC Recommended Soil Cleanup Objective
Semi-Volatile Organic Con	npounds (	(in micro	ograms pe	r kilogra	um)						
Acenaphthene	ND	ND	200J	ND	ND	ND	1,600J	770J	ND	ND	50,000
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41,000
Anthracene	530J	ND	550J	220J	ND	ND	3,200	2,100	500J	ND	50,000
Benzo(a)anthracene	1,800	ND	1,600	520	480	ND	11,000	3,000	1,500J	ND	224
Benzo(a)pyrene	1,500J	ND	1,300	440	390	ND	8,500	2,200	1,400J	ND	61
Benzo(b)fluoranthene	1,400J	ND	1,200	370	510	ND	9,800	1,800	1,600J	ND	1,100
Benzo(g,h,i) perylene	500J	ND	480J	85J	ND	ND	1,700	1,000J	440J	ND	50,000
Benzo(k)fluoranthene	1,800	ND	980	440	680	ND	7,300	1,900	1,600J	ND	1,100
Bis(2-ethylhexyl)phthalate	2,400	ND	1,500	ND	210J	290J	6,900	ND	1,200J	ND	50,000
Butyl benzyl phthalate	ND	ND	2,000	ND	ND	ND	ND	ND	700J	ND	50,000
Chrysene	2,100	ND	1,500	580	530	ND	11,000	3,000	1,700	ND	400
Dibenzo(a,h)anthracene	360J	ND	240J	61J	ND	ND	1,300J	600J	ND	ND	14
Dibenzofuran	ND	ND	ND	ND	140J	ND	790J	810J	ND	ND	6,200
Di-n-butylphthalate	ND	ND	ND	ND	64J	ND	ND	ND	ND	ND	8,100
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50,000
Fluoranthene	3,700	ND	2,800	990	910	ND	15,000	6,400	2,800	ND	50,000
Fluorene	ND	ND	260J	68J	ND	ND	1,700	1,500J	ND	ND	50,000
Indeno(1,2,3-cd)pyrene	680J	ND	640J	130J	ND	ND	2,400	1,200	570J	ND	3,200
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	310J	ND	ND	36,400
Naphthalene	ND	ND	ND	ND	ND	ND	560J	660J	ND	ND	13,000
Phenanthrene	2,400	ND	2,000	770	870	ND	11,000	7,100	2,000	ND	50,000
Pyrene	3,300	ND	2,600	900	770	ND	13,000	5,900	2,500	ND	50,000
Total SVOCs	22,470	ND	19,850	5,574	5,554	290	106,750	40,250	18,510	ND	500,000

Location No.	SB	3-12	SB	-13	SB	-14	SB	-15	SB	-16	SB	-17	NYSDEC
Sample Depth (in feet)	3-5	12-14	2-4	10-12	0-2	11-13	0-2	11-13	0-2	11-13	0-2	16-18	Recommended Soil Cleanup Objective
Semi-Volatile Organic Con	ipounds (i	in microgro	ams per ki	logram)									
Acenaphthene	ND	ND	ND	ND	100J	ND	ND	ND	ND	380J	650J	ND	50,000
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41,000
Anthracene	75J	ND	100J	ND	320J	380J	530J	ND	440J	840J	1,500J	ND	50,000
Benzo(a)anthracene	220	59J	290J	ND	960	1,100J	1,600J	99J	1,500J	2,200	3,000	69J	224
Benzo(a)pyrene	180J	53J	240J	ND	870	1,100J	1,500J	95J	1,200J	1,800	2,300	ND	61
Benzo(b)fluoranthene	150J	ND	220J	ND	750	900J	1,900J	74J	1,100J	1,600J	2,400	53J	1,100
Benzo(g,h,i) perylene	100J	ND	60J	ND	130J	ND	670J	77J	790J	900J	890J	ND	50,000
Benzo(k)fluoranthene	160J	55J	250J	ND	1,100	1,300J	1,700J	78J	1,200J	1,700	2,500	64J	1,100
Bis(2-ethylhexyl)phthalate	ND	ND	860	ND	3,000	4,000	46,000	500	7,400	2,200	ND	ND	50,000
Butyl benzyl phthalate	ND	ND	560	ND	ND	ND	ND	ND	280J	720J	ND	ND	50,000
Chrysene	240	62J	330	ND	1,100	1,400J	2,200J	110J	1,700	2,400	2,700	72J	400
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	340J	510J	360J	ND	14
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	320J	ND	ND	6,200
Di-n-butylphthalate	62J	81J	ND	ND	ND	ND	ND	88J	ND	420J	ND	ND	8,100
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50,000
Fluoranthene	480	120J	550	ND	1,800	2,100	3,700	230J	3,200	4,500	5,800	140J	50,000
Fluorene	ND	ND	ND	ND	110J	ND	ND	ND	ND	510J	720J	ND	50,000
Indeno(1,2,3-cd)pyrene	110J	ND	82J	ND	190J	ND	810J	66J	790J	970J	960J	ND	3,200
2-Methylnaphthalene	ND	ND	ND	ND	220J	800J	ND	ND	ND	ND	ND	ND	36,400
Naphthalene	ND	ND	ND	ND	230J	780J	ND	ND	ND	980J	510J	ND	13,000
Phenanthrene	230J	65J	430	ND	1,300	1,600J	2,400J	170J	1,800	2,400	5,000	79J	50,000
Pyrene	450	120J	490	ND	1,700	1,900	3,400	230J	3,000	4,100	5,300	140J	50,000
Total SVOCs	2,457	615	4,462	ND	13,880	17,360	66,410	1,817	24,740	29,450	34,590	617	500,000

Location No.	SB-	-19	SB-20	SB-2	1	SB-2	22	SB	-23	SB-24		NYSDEC
Sample Depth (in feet)	2-4	10-12	0-2	0-2	8-10	0-2	8-10	0-2	8-10	2-4	8-10	Recommended Soil Cleanup Objective
Semi-Volatile Organic Con	npounds (	(in micro	ograms pe	r kilogram)								
Acenaphthene	1,100	ND	490J	24,000	120J	550J	ND	ND	ND	ND	420J	50,000
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	1,200J	ND	ND	41,000
Anthracene	780	ND	1,200J	37,000	290J	1,000J	ND	940J	540J	ND	650J	50,000
Benzo(a)anthracene	2,400	260J	1,900	100,000	910	4,000	100J	3,000	1,500J	1,300J	1,500J	224
Benzo(a)pyrene	1,700	190J	1,500J	86,000	730	3,600	85J	2,400	5,300	870J	1,200J	61
Benzo(b)fluoranthene	1,600	180J	1,500J	130,000	830	4,000	74J	3,000	6,300	2,000J	1,000J	1,100
Benzo(g,h,i) perylene	410J	ND	490J	8,900	200J	1,400J	62J	580J	2,700J	ND	280J	50,000
Benzo(k)fluoranthene	1,700	200J	1,400J	130,000	950	3,700	85J	3,100	7,000	1,800J	1,200J	1,100
Bis(2-ethylhexyl)phthalate	ND	ND	1,000J	34,000	ND	8,400	ND	10,000	ND	53,000	ND	50,000
Butyl benzyl phthalate	ND	ND	ND	3,100J	ND	800J	ND	ND	ND	ND	ND	50,000
Chrysene	2,300	300J	2,000	100,000	980	4,400	110J	3,100	1,900J	1,800J	1,500J	400
Dibenzo(a,h)anthracene	220J	ND	ND	19,000	ND	850J	ND	ND	820J	ND	ND	14
Dibenzofuran	680	ND	400J	13,000	ND	940J	ND	ND	110J	ND	330J	6,200
Di-n-butylphthalate	ND	ND	ND	ND	ND	790J	ND	ND	480J	ND	ND	8,100
Di-n-octylphthalate	ND	ND	ND	ND	ND	930J	ND	ND	ND	ND	ND	50,000
Fluoranthene	4,900	600J	5,000	130,000	1,700	5,900	190J	5,100	2,800J	1,700J	2,400	50,000
Fluorene	880	ND	630J	23,000	100J	510	ND	ND	ND	ND	480J	50,000
Indeno(1,2,3-cd)pyrene	500J	ND	500J	21,000	220J	16,000J	57J	540J	3,200J	ND	340J	3,200
2-Methylnaphthalene	310J	ND	ND	5,100J	ND	ND	ND	ND	ND	ND	ND	36,400
Naphthalene	860	ND	360J	16,000	ND	ND	ND	ND	ND	ND	420J	13,000
Phenanthrene	4,500	530J	4,700	120,000	1,200	3,500	100J	3,700	1,500J	1,500J	2,900	50,000
Pyrene	4,100	550J	4,300	110,000	1,600	5,400	200J	4,700	2,400J	1,600J	2,200	50,000
Total SVOCs	28,940	2,810	27,370	1,110,100	9,830	66,670	1,063	40,160	37,750	65,570	16,820	500,000

Location No.	SI	B-25	SB-	26	SB	-27	SB	-28	SB-2	29	SB-3	0	SB-	31	NYSDEC
Sample Depth (in feet)	0-2	5-10	1-3	8-10	1-3	8-10	3-5	8-10	0-2	8-10	2-3	8-10	2-4	8-10	Recommended Soil Cleanup Objective
Semi-Volatile Organic Con	npounds	s (in microş	grams per	kilogra	m)										
Acenaphthene	ND	6,300	930J	ND	ND	1,100J	510J	270J	14,000	57J	2,700J	ND	720J	ND	50,000
Acenaphthylene	ND	800J	500J	ND	ND	ND	1,200J	ND	ND	ND	ND	ND	ND	ND	41,000
Anthracene	ND	13,000	1,900J	ND	ND	2,300J	2,700J	680	23,000	130J	4,700	ND	1,200J	ND	50,000
Benzo(a)anthracene	90J	24,000	6,900	170J	1,200J	5,000	6,800	1,200	63,000	350	12,000	ND	2,300J	100J	224
Benzo(a)pyrene	86J	16,000	5,800	180J	1,100J	3,900	5,000	860	51,000	300J	8,500	ND	1,800J	110J	61
Benzo(b)fluoranthene	86J	17,000	5,800	150J	1,100J	3,900	5,100	760	78,000	240J	10,000	ND	1,700J	80J	1,100
Benzo(g,h,i) perylene	ND	3,100J	1,700J	170J	ND	560J	710J	510	8,600	200J	1,500J	ND	ND	73J	50,000
Benzo(k)fluoranthene	81J	18,000	6,200	180J	1,300J	5,000	7,200	750	73,000	310J	12,000	ND	1,700J	80J	1,100
Bis(2-ethylhexyl)phthalate	140J	ND	910J	65J	9,800	8,500	1,300J	ND	2,700J	120J	24,000	66J	18,000	ND	50,000
Butyl benzylphthalate	53J	ND	540J	ND	520J	ND	ND	ND	7,200J	ND	44,000	ND	21,000	ND	50,000
Chrysene	97J	22,000	7,600	190J	1,400J	5,200	6,100	1,100	62,000	370	12,000	ND	2,600J	130J	400
Dibenzo(a,h)anthracene	ND	1,600J	1,100J	52J	ND	ND	ND	220J	4,300J	76J	670J	ND	ND	ND	14
Dibenzofuran	ND	4,200	780J	170J	ND	780J	520J	190J	6,900J	ND	1,300J	62J	690J	ND	6,200
Di-n-butylphthalate	100J	ND	620J	ND	ND	ND	ND	130J	ND	ND	ND	ND	1,300J	54J	8,100
Di-n-octylphthalate	ND	ND	590J	ND	ND	ND	ND	ND	ND	ND	630J	ND	900J	ND	50,000
Fluoranthene	140J	35,000	11,000	370	1,700J	12,000	10,000	2,100	89,000	730	19,000	72J	3,900	170J	50,000
Fluorene	ND	7,900	910J	ND	ND	1,400J	880J	350	12,000	53J	2,700J	ND	1,100J	ND	50,000
Indeno(1,2,3-cd)pyrene	ND	3,500	2,100J	160J	ND	690J	880J	540	10,000	190J	1,700J	ND	ND	54J	3,200
2-Methylnaphthalene	ND	2,200J	ND	ND	ND	ND	ND	82J	2,400J	ND	640J	ND	ND	ND	36,400
Naphthalene	ND	1,800J	ND	ND	ND	ND	ND	160J	7,500J	ND	800J	ND	ND	ND	13,000
Phenanthrene	95J	36,000	8,000	150J	1,100J	10,000	5,700	2,200	74,000	510	17,000	ND	4,200	130J	50,000
Pyrene	170J	32,000	9,700	380	1,600J	11,000	10,000	1,900	76,000	680	19,000	75J	3,700	200J	50,000
Total SVOCs	1,138	244,400	73,580	2,387	20,820	71,330	64,600	14,002	664,600	4,316	194,840	275	66,810	1,181	500,000

Location No.	MW	/-5	M	W-6	M	W-7	M	W-8	MW	-9	MW	-10	NYSDEC
Sample Depth (in feet)	2-4	10-12	0-2	10-12	8-10	10-12	0-2	10-12	0-2	10-12	0-2	12-14	Recommended Soil Cleanup Objective
Semi-Volatile Organic Cor	npounds ( <i>ii</i>	n microgr	ams per	kilogram	)								
Acenaphthene	8,500JE	810J	ND	660J	ND	1,000	63J	2,400	ND	55J	ND	470	50,000
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	63J	41,000
Anthracene	17,000E	2,000	58J	1,400J	80J	620	200J	3,100	ND	130J	ND	1,100	50,000
Benzo(a)anthracene	<b>48,000E</b>	4,300	250J	2,100J	170J	620	500J	4,800	11,000J	200J	ND	1,800	224
Benzo(a)pyrene	35,000E	3,400	220J	1,600J	130J	ND	450J	3,600	7,600	160J	ND	1,300	61
Benzo(b)fluoranthene	<b>39,000E</b>	3,000	200J	1,300J	85J	ND	420J	3,700	9,600JJ	120J	ND	1,200	1,100
Benzo(g,h,i) perylene	5,000JE	870J	110J	710J	ND	ND	220J	830J	ND	76J	ND	360	50,000
Benzo(k)fluoranthene	<b>41,000E</b>	3,100	230J	1,500J	130J	ND	430J	2,800	11,000J	160J	ND	1,400	1,100
Bis(2-ethylhexyl)phthalate	ND	360J	290J	ND	ND	ND	2,700	ND	51,000	3,700	440,000	ND	50,000
Butyl benzylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50,000
Chrysene	53,000E	4,800	290J	2,200J	200J	980	560J	5,300	12,000J	160J	ND	1,600	400
Dibenzo(a,h)anthracene	2,700JE	470J	56J	ND	ND	ND	110J	ND	ND	ND	ND	190J	14
Dibenzofuran	4,900J	470J	ND	ND	ND	ND	ND	2,400	ND	ND	ND	340	6,200
Di-n-butylphthalate	ND	ND	ND	510J	ND	ND	ND	ND	ND	54J	ND	ND	8,100
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	39,000J	ND	9,700J	ND	50,000
Fluoranthene	79,000E	7,400	510	5,200	270J	930	1,100	11,000	24,000J	420	ND	2,800	50,000
Fluorene	8,600JE	1,100J	ND	920J	100J	ND	72J	4,100	ND	64J	ND	630	50,000
Indeno(1,2,3-cd)pyrene	6,500JE	1,200J	120J	780J	ND	ND	240J	1,200J	ND	86J	ND	380	3,200
2-Methlnaphthalene	ND	ND	ND	ND	ND	1,200J	ND	1,000J	ND	ND	ND	190J	36,400
Naphthalene	4,700JE	580J	ND	860J	ND	430	ND	2,000	ND	ND	ND	250J	13,000
Phenanthrene	64,000E	7,100	270J	5,700	390	3,100	830	13,000	19,000J	390	ND	2,600	50,000
Pyrene	70,000E	6,500	460	5,000	320J	1,200	980	9,000	22,000J	370	ND	2,600	50,000
Total SVOCs	486,900	47,460	3,064	30,440	1,875	10,080	8,875	70,230	206,200	6,145	449,700	19,273	500,000
Location No.	MW	MW-11		MW-12		MW-13		N-15	NYSDEC				
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Sample Depth (in feet)	0-2	10-12	0-2	10-12	0-2	10-12	0-2	10-12	Recommended Soil Cleanup Objective				
Semi-Volatile Organic Compou	inds ( <i>in micr</i>	ograms pe	er kilogram	)									
Acenaphthene	ND	ND	ND	ND	ND	290J	ND	760J	50,000				
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	41,000				
Anthracene	350J	ND	670J	430J	ND	490J	ND	1,700	50,000				
Benzo(a)anthracene	1,100J	ND	1,500J	700J	730J	860J	1,100J	2,500	224				
Benzo(a)pyrene	770J	ND	1,100J	440J	ND	590J	930J	2,100	61				
Benzo(b)fluoranthene	930J	ND	1,100J	480J	680J	630J	860J	1,800	1,100				
Benzo(g,h,i) perylene	ND	ND	ND	ND	ND	ND	570J	1,200J	50,000				
Benzo(k)fluoranthene	1,100J	ND	1,300J	520J	730J	740J	960J	1,900	1,100				
Bis(2-ethylhexyl)phthalate	9,000	170J	2,500	470J	12,000	4,000	2,300	15,000	50,000				
Butyl benzylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	50,000				
Chrysene	1,100J	ND	1,400J	730J	750J	920J	1,100J	2,200	400				
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	270J	500J	14				
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	650J	6,200				
Di-n-butylphthalate	ND	100J	ND	ND	850J	ND	ND	ND	8,100				
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	50,000				
Fluoranthene	2,100	98J	3,000	1,400J	1,400J	1,500J	2,200	6,000	50,000				
Fluorene	ND	ND	270J	300J	ND	ND	ND	930J	50,000				
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	550J	1,200J	3,200				
2-Methlnaphthalene	ND	ND	ND	ND	ND	ND	ND	460J	36,400				
Naphthalene	ND	ND	ND	ND	ND	ND	ND	910J	13,000				
Phenanthrene	1,500J	ND	2,400	1,400J	1,200J	1,800	1,000J	6,100	50,000				
Pyrene	2,000	100J	2,900	1,300J	1,300J	1,400J	2,000	5,500	50,000				
Total SVOCs	19,950	468	18,140	8,170	19,640	13,220	13,840	51,410	500,000				

#### Notes:

ND = Not Detected

J = Estimated value E = Result exceeded

= Result exceeded calibration range of instrument

Only detected analytes are reported.

Bold values indicate an exceedence of the New York State Department of Environmental Conservation (NYSDEC) Recommended Soil Cleanup Objective.

depth of 0 to 2 feet. However, in the deeper sample at SB-21, the total SVOC concentrations decreased to 9,830 ppb and at SB-5, at 11-13 feet, the concentration decreased to 3,478 ppb. This indicates that the SVOCs are found at significantly higher concentrations in the shallow soil and are not migrating appreciably into the deeper soil. In fact, throughout the site, the average concentration of total SVOCs in the shallow soil is significantly greater than in the deep soil. These results appear to be consistent with the idea that the site contains an overlying layer of fill material that varies in thickness across the site. The fill was apparently contaminated with petroleum.

Table 6.4.4 shows the summary of the results for metals, pesticides, and PCBs. For the metals, exceedances of the Objectives were found in every boring location and in every sample. These metals include arsenic, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, mercury, nickel, selenium, sodium, and zinc. Other metals were detected and may exceed the Objectives (such as antimony and silver which require comparisons to site background concentrations), however, background concentrations were not established as part of this investigation.

Pesticides were generally detected infrequently and at low concentrations. However, two relatively minor exceedances of the Objectives were noted for chlordane (SB-10, 0-2 feet, 780 ppb and MW-5, 2-4 feet, 1,100 ppb). The Objective for chlordane is 540 ppb.

Polychlorinated biphenyls (PCBs) were detected generally infrequently and at low concentrations. The Objective for total PCBs is 1 ppb when the sample is obtained at the ground surface and 10 ppb when the sample is obtained beyond this depth. Relatively minor exceedances of the Objectives were noted in five samples. The highest total concentration of PCBs detected was 4.23 ppb at 0-2 feet at SB-17.

It is important to note that the shallow samples contained the vast majority of the metals, pesticides, and PCBs. The deeper soil contained significantly lower concentrations of metals (although many still exceeded the Objectives), pesticides, and PCBs. This trend is consistent with the vertical distribution of SVOCs and further confirms that the site fill that generally comprises the upper soil at the site contains the

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 Table 6.4.4

 Soil Chemical Analytical Results – Metals, Pesticides, and PCBs

 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	SE	8-1	SB	-2	SB	-3	SB	8-4	SE	8-5	SI	3-6	NYSDEC
Sample Depth (in feet)	0-2	10-12	0-2	12-14	3-5	15-17	0-2	10-12	0-2	11-13	0-2	10-14	Recommended Soil Cleanup Objective
Metals (in milligrams p	er kilogran	n)	_						_				
Aluminum	6,860	6,140	19,700	6,500	14,100	6,400	20,500	5,130	13,900	5,580	6,980	22,300	33,000
Antimony	5.01	ND	39.5	ND	13.1	ND	18.4	8.21	17.9	ND	1.97	23.5	SB
Arsenic	11.8	4.60	ND	4.06	33	3.62	ND	38.7	7.9	41.3	6.78	2.89	7.5
Barium	368	151	722	71.2	4,060	74.8	660	209	705	430	210	644	300
Cadmium	3.99	1.01	11.1	ND	3.69	ND	7.56	1.03	7.32	0.55	2.97	5.92	1
Calcium	13,600	17,600	17,200	1,970	13,000	2,330	21,000	177	21,100	11,300	6,860	17,900	35,000
Chromium	112	66.9	870	27.0	365	16.3	535	17.9	247	23.4	89.4	345	10
Cobalt	78.3	300	1,470	30.8	701	6.68	866	6.97	532	9.83	126	830	30
Copper	1,210	700	5,960	150	3,630	27.0	5,540	144	2,910	155	771	5,390	25
Iron	56,700	39,100	140,000	18,000	103,000	17,000	130,000	22,100	86,100	49,300	384	123,000	2,000
Lead	1,200	717	3,430	148	3,480	82.8	3,850	390	3,010	1,120	884	2,550	500
Magnesium	3,210	3,770	17,400	2,360	10,700	2,480	17,000	3,100	10,800	2,530	3,100	11,000	5,000
Manganese	428	284	942	287	963	265	1,100	544	665	488	372	785	5,000
Mercury	0.87	0.65	0.53	0.93	2.85	0.87	0.92	1.03	0.85	0.63	1.25	0.44	0.1
Nickel	30.6	24.5	254	14.3	298	8.62	560	12.0	120	4.00	58.1	46.4	13
Potassium	883	898	3,560	743	2,530	973	4,180	687	2,250	2,280	1,040	3,470	43,000
Selenium	10.3	8.14	ND	3.60	7.58	3.77	2.06	4.98	13.6	8.63	7.78	1.66	2
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SB
Sodium	140	12,800	74,700	1,760	86,900	527	96,700	1,360	41,900	1,550	10,800	126,000	8,000
Vanadium	26.0	19.6	116	19.4	66.3	23.2	103	23.3	73.5	13.9	24.2	66.6	150
Zinc	5,770	5,330	17,000	714	19,000	97.3	19,300	489	13,100	629	4,680	21,300	20
Pesticides (in microgram	ms per kilo	gram)	_					-	_	_			
Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	76.9	ND	540
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,900
4,4'DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
4,4'DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
PCBs (in milligrams per	r kilogram)	)	_						_				
PCB 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
PCB 1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
PCB 1260	ND	ND	ND	ND	ND	ND	ND	ND	0.58	ND	ND	ND	-
PCB, Total	ND	ND	ND	ND	ND	ND	ND	ND	0.58	ND	ND	ND	1.0 surface, 10.0 subsurface

## Table 6.4.4 (continued)Soil Chemical Analytical Results – Metals, Pesticides, and PCBs57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	SE	8-7	SI	8-8	SB-	9	SB-10		SB-11		NYSDEC Recommended Soil Cleanup Objective
Sample Depth (in feet)	0-2	10-12	0-2	13-15	0-2	13-15	0-2	18-20	0-2	12-14	
Metals (in milligra	ms per kil	ogram)									
Aluminum	9,270	2,870	6,670	3,260	8,360	2,360	6,920	3,680	5,690	3,150	33,000
Antimony	14.8	ND	1.40	2.54	ND	ND	ND	ND	ND	ND	SB
Arsenic	10.2	1.46	102	56.5	34.1	ND	6.90	2.66	5.57	1.36	7.5
Barium	267	30.7	440	278	159	25.4	199	50.9	340	27.5	300
Cadmium	3.39	ND	2.63	2.25	0.85	ND	0.57	ND	0.72	ND	1
Calcium	10,700	4,180	23,500	12,400	3,910	4,510	9,870	10,700	43,200	1,500	35,000
Chromium	109	7.38	64.2	16.3	21.7	5.41	17.0	13.2	15.4	7.78	10
Cobalt	101	4.47	28.3	7.39	9.77	3.40	5.11	4.54	3.97	4.04	30
Copper	909	10.8	556	197	200	13.6	98.3	29.2	55.8	8.89	25
Iron	42,200	9,330	31,500	18,000	17,800	6,010	12,600	8,730	8,400	7,700	2,000
Lead	837	5.19	1,410	263	431	3.99	153	113	401	3.71	500
Magnesium	3,350	3,060	3,990	3,630	1,900	2,400	2,600	2,630	6,300	1,710	5,000
Manganese	288	299	350	314	328	171	199	229	200	123	5,000
Mercury	1.83	0.33	1.02	0.61	1.44	0.11	0.63	0.36	1.11	0.27	0.1
Nickel	45.7	8.01	28.2	156	14.6	4.97	10.1	9.83	135	6.31	13
Potassium	982	595	840	889	655	617	630	742	593	967	43,000
Selenium	8.41	2.43	6.67	33.8	13.6	2.18	3.15	2.29	2.30	1.81	2
Silver	ND	ND	ND	1.13	ND	ND	ND	ND	ND	ND	SB
Sodium	12,800	404	5,510	2,230	1,830	345	1,190	526	1,090	277	8,000
Vanadium	23.0	9.39	20.2	11.9	13.8	7.96	21.3	11.3	14.4	10.6	150
Zinc	5,360	55.6	2,390	953	728	20.6	421	80.7	357	22.3	20
Pesticides (in micro	ograms pe	r kilograı	n)								
Chlordane	241	ND	464	ND	124	ND	780	ND	732	ND	540
4,4'-DDD	ND	ND	10.5	ND	ND	ND	18.5	ND	11.7	ND	2,900
4,4'DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
4,4'DDT	ND	ND	26.4	ND	ND	ND	15.7	ND	26.8	ND	2,100
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
PCBs (in milligran	ıs per kilo	gram)									
PCB 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
PCB 1254	0.54	ND	ND	ND	0.64	ND	ND	ND	ND	ND	-
PCB 1260	0.32	ND	ND	ND	0.14	ND	ND	ND	ND	ND	-
PCB, Total	0.86	ND	ND	ND	0.78	ND	ND	ND	ND	ND	1.0 surface, 10.0 subsurface

## Table 6.4.4 (continued)Soil Chemical Analytical Results – Metals, Pesticides, and PCBs57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	SB	-12	SB	-13	SB	-14	SB	-15	SB	-16	SB	-17	NYSDEC
Sample Depth (in feet)	3-5	12-14	2-4	10-12	0-2	11-13	0-2	11-13	0-2	11-13	0-2	16-18	Recommended Soil Cleanup Objective
Metals (in milligrams pe	r kilogram	)											
Aluminum	4,970	3,390	2,400	3,050	4,900	5,510	6,650	3,590	5,060	5,990	12,300	8,720	33,000
Antimony	ND	ND	ND	ND	ND	ND	13.0	ND	ND	1.71	27.3	ND	SB
Arsenic	2.07	1.65	2.40	ND	6.26	7.18	10.8	1.86	6.45	28.8	23.0	4.62	7.5
Barium	43.7	40.3	839	41.3	189	241	367	39.5	153	116	310	79.3	300
Cadmium	ND	ND	0.67	ND	0.89	1.05	30.6	ND	3.09	6.79	30.7	ND	1
Calcium	1,990	5,340	518	8,360	5,610	8,540	9,940	1,630	26,500	154	13,900	19,300	35,000
Chromium	14.0	8.84	9.83	6.71	13.4	17.4	84.3	12.4	237	56.7	84.8	15.2	10
Cobalt	4.37	5.62	3.43	4.33	12.2	6.30	99.1	7.02	15.6	21.4	37.8	15.5	30
Copper	22.5	12.3	27.0	9.55	80.0	7,290	1,120	19.9	382	514	1,570	23.1	25
Iron	18,600	11,400	6,450	69.3	10,300	11,100	40,400	14,100	16,000	27,800	38,200	12,300	2,000
Lead	11.7	7.40	188	3.89	185	172	810	15.3	211	484	1,200	27.9	500
Magnesium	2,110	2,860	1,350	4,450	1,480	1,710	3,120	1,650	2,710	6,170	2,900	3,990	5,000
Manganese	414	275	107	209	133	162	347	324	281	241	466	214	5,000
Mercury	0.11	ND	0.26	ND	0.14	0.40	0.60	0.13	0.29	0.92	1.55	0.32	0.1
Nickel	5.60	7.41	5.51	6.63	12.4	11.4	54.7	9.22	18.7	61.3	109	33.3	13
Potassium	923	765	458	815	380	463	855	967	692	1,050	13,900	3,630	43,000
Selenium	4.86	3.19	1.59	1.80	2.50	2.85	8.32	3.16	3.86	6.97	8.82	4.01	2
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.70	ND	SB
Sodium	787	430	2,720	294	1,080	930	10,800	368	2,260	4,900	6,570	401	8,000
Vanadium	20.3	15.7	8.13	8.94	13.8	16.6	35.9	18.2	14.8	19.8	36.7	18.6	150
Zinc	39.3	28.9	1,160	34.3	409	340	4,470	64.1	939	2,070	2,740	124	20
Pesticides (in microgram	is per kilog	ram)											
Chlordane	ND	ND	505	ND	89.2	84.4	265	ND	538	ND	ND	ND	540
4,4'-DDD	ND	ND	60.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,900
4,4'DDE	ND	ND	15.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
4,4'DDT	ND	ND	30.6	ND	ND	27.5	ND	ND	ND	ND	ND	ND	2,100
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
PCBs (in milligrams per	kilogram)												
PCB 1248	ND	ND	ND	ND	0.19	0.32	ND	ND	ND	ND	ND	ND	-
PCB 1254	ND	ND	ND	ND	0.21	0.19	0.45	ND	ND	0.30	2.72	ND	-
PCB 1260	ND	ND	ND	ND	0.25	0.08	0.16	ND	0.22	0.07	1.51	ND	-
PCB, Total	ND	ND	ND	ND	0.65	0.59	0.61	ND	0.22	0.37	4.23	ND	1.0 surface, 10.0 subsurface

## Table 6.4.4 (continued)Soil Chemical Analytical Results – Metals, Pesticides, and PCBs57-15 49th Street, Maspeth, New York

Location No.	SB	-19	SB-20	SB	SB-21 SB-22		SB-23		SB-24		NYSDEC	
Sample Depth (in feet)	2-4	10-12	0-2	0-2	8-10	0-2	8-10	0-2	8-10	2-4	8-10	Recommended Soil Cleanup Objective
Metals (in milligran	ns per kilogi	ram)										
Aluminum	7,850	4,950	6,400	7,850	5,480	8,310	12,600	8,000	22,800	8,520	6,450	33,000
Antimony	ND	ND	1.04	3.58	3.96	17.9	22.3	15.4	26.0	33.8	24.9	SB
Arsenic	5.30	10.2	21.2	8.79	111	9.32	3.37	13.5	1.79	15.2	13.9	7.5
Barium	98.1	161	138	135	654	367	552	230	689	454	247	300
Cadmium	0.67	ND	0.56	3.34	0.74	4.94	3.15	9.14	10.0	19.8	1.83	1
Calcium	11,300	5,330	8,370	30,700	5,900	17,400	5,690	8,750	12,700	6,850	29,800	35,000
Chromium	19.3	15.7	39.8	26.6	34.4	154	209	51.3	452	353	44.7	10
Cobalt	17.3	6.01	31.8	12.6	35.1	341	1,090	49.7	1,370	322	51.0	30
Copper	124	73.6	378	957	245	1,540	2,100	1,260	4,040	1,720	583	25
Iron	15,000	19,000	21,500	14,900	23,800	53,600	70,400	26,200	111,000	56,400	41,500	2,000
Lead	407	534	468	341	544	1,210	872	608	2,030	2,270	633	500
Magnesium	5,050	1,630	2,840	11,900	2,320	8,350	6,170	2,690	9,900	4,040	3,030	5,000
Manganese	326	426	298	617	373	366	510	234	859	295	417	5,000
Mercury	0.21	3.56	1.08	ND	2.11	1.04	0.33	2.92	2.11	0.31	0.42	0.1
Nickel	41.6	8.07	23.7	27.0	16.1	114	46.1	42.2	33.5	123	31.6	13
Potassium	1,630	834	888	1,010	1,160	1,500	1,970	1,060	3,470	1,350	1,020	43,000
Selenium	3.78	4.71	7.87	1.76	ND	ND	ND	ND	ND	ND	ND	2
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.18	ND	SB
Sodium	1,890	1,660	3,890	1,200	1,080	10,500	15,600	2,820	30,000	11,100	3,640	8,000
Vanadium	17.5	19.0	18.6	56.2	19.2	43.7	42.8	32.1	88.6	54.7	22.1	150
Zinc	695	440	1,670	528	695	7,650	10,600	2,350	15,200	8,300	2,900	20
Pesticides (in micro	ograms per k	ilogram)										
Chlordane	ND	ND	ND	167	ND	73.8	ND	ND	ND	ND	ND	540
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,900
4,4'DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
4,4'DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
PCBs (in milligram	s per kilogra	um)							-			
PCB 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
PCB 1254	0.07	ND	0.07	ND	ND	ND	ND	1.03	ND	0.76	ND	-
PCB 1260	0.06	ND	0.05	0.15	ND	0.11	ND	1.76	ND	0.33	ND	-
PCB, Total	0.13	ND	0.12	0.15	ND	0.11	ND	2.79	ND	1.09	ND	1.0 surface, 10.0 subsurface

### Table 6.4.4 (continued)Soil Chemical Analytical Results – Metals, Pesticides, and PCBs57-15 49th Street, Maspeth, New York

Location No.	SB	-25	SB	-26	SB	-27	SI	3-28		SB-29	SB	-30	NYSDEC
Sample Depth (in feet)	0-2	5-10	1-3	8-10	1-3	8-10	3-5	8-10	0-2	8-10	2-3	8-10	Recommended Soil Cleanup Objective
Metals (in milligra	ıms per kilogi	ram)											
Aluminum	7,560	7,850	9,280	6,160	4,650	6,030	8,130	4,580	11,000	4,990	5,190	3,420	33,000
Antimony	ND	20.9	17.3	ND	9.26	2.63	4.97	77.4	2.09	ND	6.55	ND	SB
Arsenic	2.75	6.53	17.1	15.4	5.49	8.33	8.55	2,030	10.6	2.43	6.78	1.26	7.5
Barium	32.7	225	331	3,120	115	201	260	103	239	60.2	773	34.1	300
Cadmium	ND	3.54	5.45	0.94	7.58	1.73	2.22	ND	1.10	ND	2.35	ND	1
Calcium	1,770	42,300	6,500	45,100	2,920	35,200	24,800	18,600	35,100	6,020	33,500	4,450	35,000
Chromium	8.81	182	208	12.1	31.6	40.7	82.0	11.5	28.9	11.9	32.9	6.35	10
Cobalt	3.59	103	184	ND	21.2	62.5	49.5	27.1	7.32	4.63	15.4	4.03	30
Copper	18.9	1,720	2,720	41.8	352	356	599	525	331	21.1	187	14.8	25
Iron	8,240	67,600	72,200	9,510	15,400	22,500	37,600	10,600	14,800	10,600	45,400	10,400	2,000
Lead	24.5	1,200	915	6,630	352	489	351	631	233	16.6	386	5.63	500
Magnesium	1,040	5,810	4,070	6,260	1,720	3,480	4,040	1,410	11,000	2,630	3,510	3,180	5,000
Manganese	105	281	493	238	131	262	363	108	314	249	541	293	5,000
Mercury	ND	0.13	1.39	0.58	1.05	0.15	0.15	0.51	ND	ND	0.20	ND	0.1
Nickel	6.24	46.6	79.3	13.3	20.9	33.6	26.2	782	24.8	10.2	30.3	7.70	13
Potassium	356	1,600	1,440	1,550	908	1,330	2,270	822	1,620	1,050	1,130	512	43,000
Selenium	ND	ND	ND	1.72	ND	ND	ND	121	ND	ND	ND	ND	2
Silver	ND	ND	ND	ND	ND	ND	ND	2.00	ND	ND	ND	ND	SB
Sodium	292	11,300	10,000	1,530	1,130	2,990	3,520	487	738	348	1,360	593	8,000
Vanadium	17.3	28.6	71.9	15.9	23.1	21.4	29.5	18.3	40.6	17.8	17.8	8.66	150
Zinc	92.9	7,840	7,540	1,140	903	2,220	2,760	128	261	46.9	827	26.2	20
Pesticides (in micr	ograms per k	ilogram)			_	_							
Chlordane	553	ND	ND	ND	150	ND	ND	ND	363	ND	368	ND	540
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,900
4,4'DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
4,4'DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
PCBs (in milligran	ns per kilogra	um)							·				
PCB 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
PCB 1254	ND	ND	0.73	ND	0.15	0.03	ND	ND	ND	ND	ND	ND	-
PCB 1260	ND	ND	0.28	ND	0.11	0.03	0.07	ND	0.03	ND	0.06	ND	-
PCB, Total	ND	ND	1.01	ND	0.26	0.06	0.07	ND	0.03	ND	0.06	ND	1.0 surface, 10.0 subsurface

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## Table 6.4.4 (continued) Soil Chemical Analytical Results – Metals, Pesticides, and PCBs 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	SB-	31	M	W-5	MV	V-6	M	W-7	MV	<b>V-8</b>	MV	<b>V-9</b>	NYSDEC
Sample Depth (in feet)	2-4	8-10	2-4	10-12	0-2	10-12	8-10	10-12	0-2	10-12	0-2	10-12	Recommended Soil Cleanup Objective
Metals (in milligrams	per kilogra	am)											
Aluminum	5,230	3,890	9,890	31,500	20,600	12,600	23,000	18,400	12,100	7,840	5,230	4,270	33,000
Antimony	2.00	ND	4.82	69.5	25.2	6.43	15.4	9.12	5.38	ND	25.9	ND	SB
Arsenic	5.61	1.90	7.39	5.71	ND	14.3	ND	ND	5.34	5.40	17.3	3.67	7.5
Barium	488	33.1	480	1,820	768	2,620	683	563	185	430	221	43.4	300
Cadmium	1.03	ND	2.93	10.5	11.6	1.63	4.45	3.02	2.71	0.65	19.6	ND	1
Calcium	52,100	3,450	28,200	23,300	16,400	16,300	14,000	15,400	7,630	3,970	5,260	10,500	35,000
Chromium	17.3	10.4	216	589	591	219	236	267	30.0	18.3	32.4	20.2	10
Cobalt	4.95	5.73	322	3,680	1,020	734	1,390	1,520	15.3	5.12	11.6	5.24	30
Copper	96.1	25.2	1,920	6,560	6,090	2,020	4,070	3,540	409	96.5	195	21.2	25
Iron	10,700	14,900	74,600	1,400	146,000	69,800	117,000	105,000	19,800	15,800	20,600	12,200	2,000
Lead	438	12.6	860	2,840	4,380	2,160	1,800	1,830	389	274	536	82.2	500
Magnesium	3,970	1,760	8,250	13,200	11,300	8,430	9,250	8,040	1,370	2,730	1,860	2,310	5,000
Manganese	160	343	589	1,070	894	496	826	648	200	296	209	252	5,000
Mercury	0.57	ND	0.43	0.22	0.56	0.43	0.43	0.55	2.40	0.71	3.41	0.61	0.1
Nickel	13.3	10.5	47.1	172	599	63.0	33.2	46.6	31.0	11.6	33.9	9.50	13
Potassium	1,050	860	1,820	4,990	4,350	1,860	4,100	3,220	700	1,090	903	851	43,000
Selenium	ND	ND	12.0	ND	ND	11.2	7.90	4.44	3.83	3.86	8.01	15.0	2
Silver	ND	ND	ND	ND	ND	ND	ND	ND	6.82	ND	ND	ND	SB
Sodium	1,120	339	23,100	94,800	96,500	39,000	105,000	79,800	3,400	1,140	1,630	364	8,000
Vanadium	14.4	18.7	52.3	104	106	40.3	101	73.8	19.0	19.7	25.6	15.0	150
Zinc	639	36.2	8,210	18,100	19,100	12,200	20,400	18,400	978	329	783	37.6	20
Pesticides (in microgr	ams per ki	logram)											
Chlordane	357	ND	1,100	120	ND	ND	ND	ND	ND	ND	ND	ND	540
4,4'-DDD	179	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,900
4,4'DDE	14.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
4,4'DDT	61.4	ND	10.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
Heptachlor	ND	ND	20.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
PCBs (in milligrams p	per kilograi	<i>n</i> )											
PCB 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_
PCB 1254	ND	ND	ND	ND	ND	ND	ND	ND	1.25	ND	2.11	0.04	_
PCB 1260	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
PCB, Total	0.20	ND	ND	ND	ND	ND	ND	ND	1.25	ND	2.11	0.04	1.0 surface, 10.0 subsurface

#### Table 6.4.4 (continued) Soil Chemical Analytical Results – Metals, Pesticides, and PCBs 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	MW	/-10	MV	V-11	MV	V-12	MV	W-13	MV	W-15	NYSDEC
Sample Depth (in feet)	0-2	12-14	0-2	10-12	0-2	10-12	0-2	10-12	0-2	10-12	Recommended Soil Cleanup Objective
Metals (in milligrams	r per kilogre	am)									
Aluminum	7,610	9,570	6,780	6,200	6,820	20,400	19,400	19,300	8.040	9,140	33,000
Antimony	22.8	5.31	6.63	2.55	7.76	ND	ND	ND	2.79	9.70	SB
Arsenic	51.6	2.15	10.1	2.13	10.1	11.0	ND	ND	9.04	9.11	7.5
Barium	225	70.8	236	32.8	423	930	727	735	279	404	300
Cadmium	11.1	1.75	10.1	ND	5.37	ND	5.1	ND	5.28	4.42	1
Calcium	12,100	9,180	7,720	3,050	10,100	20,300	15,700	18,200	7,610	24,400	35,000
Chromium	58.3	34.7	50.5	24.8	99.3	377	574	640	94.6	151	10
Cobalt	133	6.63	28.6	9.28	86.7	527	2,020	2,170	174	218	30
Copper	1,140	29.9	589	28.3	739	5,150	5,110	5,330	1,020	1,580	25
Iron	34,300	57,700	22,900	37,100	40,000	160,000	221,000	226,000	41,300	52,000	2,000
Lead	780	127	445	13.9	1,040	3,430	4,900	4,700	704	1,560	500
Magnesium	2,990	2,430	2,940	1,790	2,930	13,000	15,400	16,800	4,450	6,160	5,000
Manganese	263	461	288	387	379	782	747	820	411	404	5,000
Mercury	0.90	ND	0.54	ND	0.69	ND	ND	ND	0.79	1.13	0.1
Nickel	58.2	4.20	49.8	8.40	67.1	249	467	500	64.8	90.1	13
Potassium	1,450	840	888	653	1,290	3,160	2,600	2,680	1,470	1,900	43,000
Selenium	12.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SB
Sodium	3,110	819	1,850	471	4,150	34,100	36,400	36,300	5,060	7,310	8,000
Vanadium	33.0	98.8	26.9	45.6	33.9	139	104	95.4	34.1	41.6	150
Zinc	2,360	368	15.7	99.2	3,830	32,600	33,300	33,800	5,470	8,100	20
Pesticides (in microgr	rams per ki	logram)									
Chlordane	ND	ND	1,000	ND	ND	ND	71.7	ND	60.0	ND	540
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,900
4,4'DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
4,4'DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,100
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
PCBs (in milligrams ]	per kilogra	m)							_		
PCB 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
PCB 1254	0.15	ND	2.11	ND	0.07	ND	0.23	0.09	0.10	0.03	-
PCB 1260	0.12	ND	0.51	ND	0.06	ND	0.22	0.06	0.11	0.02	-
PCB, Total	0.27	ND	2.62	ND	0.13	ND	0.45	0.15	0.21	0.05	1.0 surface, 10.0 subsurface

Notes:

ND Not Detected Estimated valueSB Site Background- = No guidance value exists = J = = Bold values indicate an exceedence of the NYSDEC Recommended Soil Cleanup Objective. Only detected analytes are reported.

majority of the contamination at the site.

#### 6.5 Test Pit Sample Results

After the completion of the test pitting, soil samples were obtained by compositing samples from the sidewalls and bases of the excavations. The results are summarized in Tables 6.5.1 and 6.5.2. The results show minor and sporadic detections of VOCs and VOC TICs. The VOCs detected are all constituents of petroleum with the exception of the detections of methylene chloride that were detected at all test pit soil sample locations. The methylene chloride was detected at concentrations in exceedance of the Objectives at all locations, however, again, it was also detected in the method blank and its existence in the soil is highly doubtful. Little or no VOC TICs detections were noted with the exception of the sample at TP-8 which showed a total TIC concentration of 3,510 ppb. The total VOC plus VOC TIC concentration was 4,223 ppb which is below the Objective for total VOCs of 10,000 ppb.

SVOCs were detected at all locations and at concentrations in exceedance of the Objectives. Also, very low concentrations of PCBs were detected in four of the five sample locations. Metals were found at concentrations above the Objectives. These metals are arsenic, barium, cadmium, chromium, cobalt, copper, iron, lead, magnesium, mercury, nickel, selenium, sodium, and zinc.

Since the samples were obtained through compositing material from the sidewalls and the base of the excavations, it cannot be determined whether the trenches showed the majority of the contamination to be present in the shallow soil. However, it is reasonable to expect that the trend found throughout the site is applicable to the area of the test pitting.

#### 6.6 Groundwater Sample Results

Groundwater samples were obtained from 23 Geoprobe locations and 15 groundwater-monitoring well locations (samples were not obtained from two well locations due to the presence of floating petroleum product). The sample locations are shown in Plate 1.

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## Table 6.5.1Soil Chemical Analytical Results57-15 49th Street, Maspeth, New York

Location No.	TP-4	TP-5	TP-6	TP-7	TP-8	NYSDEC Recommended
			7 0			Soil Cleanup
Sample Depth ( <i>in feet</i> )			/ - 8			Objectives
Volatile Organic Compour	nds ( <i>in m</i>	icrograms	per kilog	(ram)		
n-Butylbenzene	ND	ND	ND	ND	57	18,000
sec-Butylbenzene	ND	ND	ND	ND	31	25,000
Ethylbenzene	ND	ND	ND	ND	16	5,500
Isopropylbenzene	ND	ND	ND	ND	20	5,000
p-Isopropyltoluene	ND	ND	ND	ND	31	11,000
Methylene Chloride	290 B	110 B	180 B	170 B	110 B	100
Naphthalene	ND	ND	ND	ND	35 B	10,000
o-Xylene	ND	ND	ND	ND	24	1,200
p-&m-Xylene	ND	ND	ND	ND	42	1,200
n-Propylbenzene	ND	ND	ND	ND	28	14,000
Tetrachloroethylene	ND	ND	43	ND	ND	1,400
1,2,4-Trimethylbenzene	ND	ND	ND	ND	250	13,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	69	3,300
Semi-Volatile Organic Con	mpounds	(in micro	grams per	r kilogran	n)	
Acenaphthene	1,500 J	ND	ND	ND	ND	50,000
Anthracene	2,000	360 J	260 J	ND	ND	50,000
Benzo(a)anthracene	3,900	1,100 J	890 J	410	6,600 J	224
Benzo(a)pyrene	2,800	930 J	710 J	350 J	5,000 J	61
Benzo(b)fluoranthene	2,600	960 J	770 J	580 J	3,900 J	1,100
Benzo(g,h,i)perylene	1,000 J	ND	ND	ND	ND	50,000
Benzo(k)fluoranthene	3,100	1,000 J	890 J	450 J	5,400 J	1,100
Bis(2-ethylhexyl)phthalate	2,200	1,500 J	3,800	8,200	68,000	50,000
Butyl benzyl phthalate	ND	ND	ND	ND	22,000	50,000
Chrysene	3,600	1,000 J	960 J	630 J	7,500 J	220
Dibenzo(a,h)anthracene	430 J	ND	ND	ND	ND	34
Dibenzofuran	560 J	ND	ND	ND	ND	6,200
Di-n-octylphthalate	ND	ND	ND	ND	5,700 J	50,000
Fluoranthene	7,000	1,900 J	1,700	680 J	12,000 J	50,000
Fluorene	1,100 J	ND	ND	ND	5,500 J	50,000
Indeno(1,2,3-cd)pyrene	940 J	ND	ND	ND	ND	3,200
2-Methylnaphthalene	410 J	ND	ND	ND	22,000	36,400
Naphthalene	960 J	ND	ND	ND	6,500 J	13,000
Phenanthrene	6,400	1,100 J	950 J	420 J	16,000 J	50,000
Pyrene	6,400	1,600 J	1,600	890 J	13,000 J	50,000
PCBs (milligrams per kilog	gram)					
PCB 1254	ND	ND	ND	0.06	ND	-
PCB 1260	0.08	0.10	0.07	0.10	ND	-
PCB Total	0.08	0.10	0.07	0.16	ND	10

## Table 6.5.1 (continued)Soil Chemical Analytical Results57-15 49th Street, Maspeth, New York

Location No.	TP-4         TP-5         TP-6         TP-7         T		<b>TP-8</b>	NYSDEC Recommended		
Sample Depth (in feet)			7 – 8			Soil Cleanup Objectives
Metals (milligrams)	per kilogra	um)				
Aluminum	11,200	17,000	14,900	10,700	8,140	33,000
Antimony	16.1	20.4	16.0	31.4	ND	SB
Arsenic	ND	ND	13.9	14.3	11.2	7.5
Barium	740	716	1,020	1,690	751	300
Cadmium	12.8	8.5	8.9	30.6	5.8	1
Calcium	33,500	18,800	15,600	16,300	9,480	35,000
Chromium	342	459	441	316	164	10
Cobalt	611	1,020	885	419	250	30
Copper	2,810	4,670	4,510	2,610	1,560	25
Iron	128,000	202,000	172,000	111,000	65,300	2,000
Lead	2,480	3,520	3,470	3,570	1,790	500
Magnesium	6,870	9,620	13,200	6,380	4,060	5,000
Manganese	631	850	841	599	399	5,000
Mercury	0.62	0.15	0.17	0.46	0.38	0.1
Nickel	262	443	518	320	123	13
Potassium	1,890	2,680	2,340	1,540	888	43,000
Selenium	14.7	17.0	22.7	14.7	ND	2
Sodium	16,900	26,500	27,500	14,100	7,740	8,000
Thallium	ND	20.7	13.2	ND	ND	SB
Vanadium	81.8	103	93.9	84.0	50.4	150
Zinc	20,600	34,200	35,600	19,700	11,100	20

#### Notes:

TP = Test Pit

ND = Not Detected

J = Concentration is estimated.

B = Analyte was detected in blank.

SB = Site Background

- = Not Available

Only detected analytes are reported.

**Bold** values indicate an exceedence of the New York State Department of Environmental Conservation (NYSDEC) Recommended Soil Cleanup Objectives.

<b>Table 6.5.2</b>
Soil Chemical Analytical Results - Volatile Organic Compounds -
Tentatively Identified Compounds
57-15 49 <sup>th</sup> Street, Maspeth, New York

Location No.	TP-4	TP-5	TP-6	TP-7	TP-8
Sample Depth (in feet)			7 – 8		
Volatile Organic Compounds (in	n microgran	ns per kilogi	ram)		
alpha-Pinene	ND	ND	ND	ND	ND
Decahydro methyl naphthalene isomer	ND	23	ND	ND	ND
Decane	ND	ND	ND	ND	ND
Dimethyl cyclohexane isomer	ND	ND	ND	ND	ND
Dimethyl undecane isomer	29	ND	ND	ND	890
Dodecane	ND	ND	ND	ND	ND
Ethyl dimethyl benzene isomer	ND	ND	ND	ND	440
Ethyl cyclohexane	ND	ND	ND	ND	ND
Methyl cyclohexane	ND	ND	ND	ND	ND
Methyl decane isomer	ND	ND	ND	ND	ND
Methyl (methylethyl0 benzene isomer	ND	ND	ND	ND	280
Methyl nonane isomer	38	ND	ND	ND	300
Methyl tridecane isomer	ND	ND	ND	ND	550
Nonane	ND	ND	ND	ND	ND
Propyl heptane	ND	ND	ND	ND	ND
Tetrahydro methyl naphthalene isomers	ND	ND	ND	ND	780
Tetramethyl cyclohexane isomer	ND	ND	ND	ND	ND
Trimethyl cyclohexane isomer	ND	ND	ND	ND	ND
Undecane	ND	ND	ND	ND	ND
Unknown alkene	ND	ND	ND	ND	ND
Unknown alkyl cyclohexanes	ND	ND	ND	ND	270
Unknown cyclic aliphatic	ND	ND	ND	ND	ND

#### Notes:

Only detected analytes are reported.ND = Not DetectedNo TAGM 4046 Objectives exist for TICs.

The sample results for VOCs are summarized in Table 6.6.1. Selected analyses were performed for VOC TICs and the results are summarized in Table 6.6.2. The VOC results show that most of the groundwater at the site has experienced little of no impact related to VOCs. Where VOCs were detected, the compounds were primarily petroleum constituents. However, trace concentrations of 1,2-dichloroethylene and tetrachloroethylene were detected at three locations at the site. In addition, methylene chloride was detected at some locations, however, again, methylene chloride was also detected in the method blank when it was detected and, therefore, its existence in the site groundwater is highly doubtful.

For the VOC TICs, most samples contained little of no concentrations of VOC TICs. However, there were three locations at which the groundwater showed minor exceedances of the general organic contaminant standard of 50 ppb.

Exceedances of the NYSDEC Class GA standards were detected in five of the wells (excluding a well that contained only an exceedance for methylene chloride). However, the exceedances were generally minor. The groundwater sampling point with the highest levels of total concentrations of VOCs was GP-24, which was located in the general area of the UST. This location may be closer to the reported 4,000-gallon UST that was not found to exist on the site, however, it may exist just beyond the fenceline and has contributed some contamination to the groundwater on the site. The total concentration of VOCs at GP-24 was 431 ppb. The highest concentration of any one compound was 150 ppb for 1,2,4-trimethylbenzene.

The results for the SVOCs, pesticides, and PCBs in groundwater are summarized in Table 6.6.3. There were sporadic and minor detections of several SVOCS. However, although there were occasional exceedances of the standards or NYSDEC TOGS 1.1.1 guidelines, the levels are generally very low and there is no significant contamination of the groundwater by SVOCs.

For the pesticides, again, sporadic and relatively minor concentrations of chlordane, 4,4-DDT, and dieldrin were detected in the groundwater. Chlordane exceeded the standards at two locations and dieldrin exceeded the standards at one location.

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Location No.	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	NYSDEC Class GA Standards/ or TOGS 1.1.1 Guidelines
Volatile Organic Compounds	(in microg	rams per li	ter)						
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	1
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
sec-Butlybenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
1,2-Dichlorobenzene	ND	ND	1	ND	1	ND	ND	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	1	ND	ND	ND	3
1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	2 (cis-)	5*
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	1	5*
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	5*
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	50**
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
p-&m-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	5*

Location No.	GP-10	GP-11	GP-12	GP-13	GP-14	GP-15	GP-16	GP-19	NYSDEC Class GA Standards/ or TOGS 1.1.1 Guidelines
Volatile Organic Compound	ls ( <i>in micr</i>	ograms pe	r liter)						
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	1
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
sec-Butlybenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
1,2-Dichlorobenzene	1B	ND	ND	ND	ND	ND	ND	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3
1,2-Dichloroethylene	ND	ND	5 (cis-)	ND	ND	ND	ND	ND	5*
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	5*
Naphthalene	60B	ND	ND	ND	ND	ND	ND	ND	50**
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
p-&m-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	5*

Location No.	GP-21	GP-22	GP-24	GP-25	GP-26	GP-28	GP-29	MW-1 1998	NYSDEC Class GA Standards/ or TOGS 1.1.1 Guidelines
Volatile Organic Compound	ds ( <i>in micr</i>	rograms pe	er liter)						
Benzene	ND	ND	38	ND	ND	ND	ND	ND	1
n-Butylbenzene	ND	ND	4	ND	ND	ND	ND	ND	5*
sec-Butylbenzene	ND	ND	4	ND	ND	ND	ND	ND	5*
tert-Butylbenzene	ND	ND	3	ND	ND	ND	ND	ND	5*
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	2 (cis-)	ND	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3
1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Ethylbenzene	ND	ND	11	ND	ND	ND	ND	ND	5*
Isopropylbenzene	ND	ND	12	ND	ND	ND	ND	ND	5*
p-Isopropyltoluene	ND	ND	5	ND	ND	ND	ND	ND	5*
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	5*
Naphthalene	ND	ND	21	ND	ND	ND	ND	11B	50**
n-Propylbenzene	ND	ND	12	ND	ND	ND	ND	ND	5*
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Toluene	ND	ND	1	ND	ND	ND	ND	ND	5*
Tricloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
1,2,4-Trimethylbenzene	ND	ND	150	ND	ND	ND	ND	ND	5*
1,3,5-Trimethylbenzene	ND	ND	44	ND	ND	ND	ND	ND	5*
o-Xylene	ND	ND	34	ND	ND	ND	ND	ND	5*
p-&m-Xylene	ND	ND	92	ND	ND	ND	ND	ND	5*

Location No.	MW-2A 1998	MW-3 1998	MW-4 1998	DW-1	DW-2	MW-5	MW-6	MW-7	NYSDEC Class GA Standards/ or TOGS1.1.1 Guidelines
Volatile Organic Compour	nds ( <i>in micr</i>	ograms pe	er liter)						
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	1
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	3	5*
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	2	5*
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3
1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	4	5*
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	53	ND	5*
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	5*
Naphthalene	ND	ND	ND	ND	ND	ND	ND	2B	50**
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	5	2	5*
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	3	ND	5*
o-Xylene	ND	ND	ND	ND	ND	ND	5	ND	5*
p-&m-Xylenes	ND	ND	ND	ND	ND	ND	10	ND	5*

Location No.	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14D	MW-14S	NYSDEC Class GA Standards/ or TOGS 1.1.1 Guidelines
Volatile Organic Compo	unds ( <i>in mic</i>	crograms p	per liter)						
Benzene	ND	ND	ND	ND	1	ND	ND	ND	1
sec-Butylbenzene	ND	ND	ND	ND	7	16	ND	ND	5*
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Chlorobenzene	ND	ND	ND	ND	2	2	ND	ND	5*
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3
1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Ethylbenzene	ND	ND	ND	ND	2	ND	ND	ND	5*
Isopropylbenzene	ND	ND	ND	ND	9	13	ND	ND	5*
p-Isopropyltoluene	26	ND	ND	ND	1	2	ND	ND	5*
Methylene Chloride	ND	ND	3B	3B	2B	2B	2B	2B	5*
Naphthalene	240B	ND	ND	ND	14	15B	ND	ND	50**
n-Propylbenzene	ND	ND	ND	ND	11	14	ND	ND	5*
Tetrachloroethylene	ND	ND	ND	ND	ND	2	ND	ND	5*
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	5*
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	5*
1,2,4-Trimethylbenzene	ND	ND	ND	ND	17	4	ND	ND	5*
1,3,5-Trimethylbenzene	ND	ND	ND	ND	3	ND	ND	ND	5*
o-Xylene	ND	ND	ND	ND	2	ND	ND	ND	5*
p-&m-Xylenes	ND	ND	ND	ND	3	ND	ND	ND	5*

#### tes:

- = Concentration is Estimated
- = Analyte was detected in blank
- ) = Not Detected
  - = No guidance value exists
  - = The Principal Organic Contaminant Standard for Groundwater applies to this substance.
  - = The General Organic Contaminant Standard for Groundwater applies to this substance.

ly detected analytes are reported.

**Id** Values indicate an exceedence of the New York State Department of Environmental Conservation (NYSDEC) Class GA indard or Technical and Operational Guidance Series (TOGS) 1.1.1 Guideline.

#### Table 6.6.2 Groundwater Chemical Analytical Results Volatile Organic Compounds – Tentative ID Compounds 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	GP-2	GP-4	GP-6	GP-8	GP-10	GP-12	GP-14	GP-16	GP-24	GP-28	NYSDEC Groundwater Quality Standard
Volatile Organic Compounds (in microg	rams per li	ter)									
alpha Pinene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Dihydro dimethyl indene isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Dimethyl dimethyl indene isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Dimethyl octane isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Dimethyl undecane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Dimethyl undecane isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Ethanol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Ethyl alcohol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Ethyl cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Ethyl methyl benzene isomers	ND	ND	ND	ND	ND	ND	ND	ND	105	ND	50*
Indane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Methyl (methylethyl) benzene isomer	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	50*
Methylethyl cyclohexane isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
1-Methyl indan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Methyl propenyl benzene isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Methyl propyl benzene isomers	ND	ND	ND	ND	ND	ND	ND	ND	18	ND	50*
Methyl tertiary butyl ether	10	3	1	4	6	ND	ND	43	92	2	50*
Methyl tridecane isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
2-Propyl benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Tetrahydro methyl naphthalene isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Tetrahydro methyl naphthalene isomers	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Tetrahydro naphthalene isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Tetramethyl benzene isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Tetramethyl benzene isomers	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	50*
1,2,3-Trimethyl benzene	ND	ND	ND	ND	ND	ND	ND	ND	100	ND	50*
Trimethyl dodecane isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*

Location No.	DW-1	DW-2	MW-3- 1998	MW-4- 1998	MW-6	MW-7	MW-8	MW-9	MW-12	MW-13	NYSDEC Groundwater Quality Standard
Volatile Organic Compounds (in microg	rams per lit	er)									
alpha Pinene	ND	ND	ND	ND	ND	ND	ND	ND	ND	29	50*
Dihydro dimethyl indene isomer	ND	ND	ND	ND	ND	ND	ND	ND	23	ND	50*
Dimethyl dimethyl indene isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Dimethyl octane isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	32	50*
Dimethyl undecane	ND	ND	ND	ND	ND	ND	ND	ND	37	ND	50*
Dimethyl undecane isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	48	50*
Ethanol	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	50*
Ethyl alcohol	ND	ND	ND	ND	ND	ND	ND	ND	27	32	50*
Ethyl cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50*
Ethyl methyl benzene isomers	ND	ND	ND	ND	ND	ND	ND	ND	105	ND	50*
Indane	ND	ND	ND	ND	ND	9	ND	ND	ND	ND	50*
Methyl (methylethyl) benzene isomer	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	50*
Methylethyl cyclohexane isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	38	50*
1-Methyl indan	ND	ND	ND	ND	ND	ND	ND	ND	23	ND	50*
Methyl-propenyl benzene isomer	ND	ND	ND	ND	ND	11	ND	ND	ND	39	50*
Methyl propyl benzene isomers	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	50*
Methyl tertiary butyl ether	ND	ND	ND	2	5	2	ND	ND	ND	2	50*
Methyl tridecane isomer	ND	ND	ND	ND	ND	ND	ND	ND	67	76	50*
2-Propyl benzene	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	50*
Tetrahydro methyl naphthalene isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	50*
Tetrahydro methyl naphthalene isomers	ND	ND	ND	ND	ND	ND	ND	ND	59	ND	50*
Tetrahydro naphthalene isomer	ND	ND	ND	ND	ND	8	ND	ND	39	ND	50*
Tetramethyl benzene isomer	ND	ND	ND	ND	ND	9	ND	ND	ND	32	50*
Tetramethyl benzene isomers	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	50*
1,2,3-Trimethyl benzene	ND	ND	ND	ND	8	ND	ND	ND	100	ND	50*
Trimethyl dodecane isomer	ND	ND	ND	ND	ND	ND	ND	ND	29	ND	50*

Notes:

Only detected analytes are reported. ND = Not Detected

\* = The General Organic Contaminant Standard applies to this analyte

Bold values indicate an exceedance of the General Organic Contaminant Standard.

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Location No.	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	NYSDEC Class GA Standards/ or TOGS 1.1.1 Guidelines
Semi-Volatile Organic Compo	unds ( $in n$	ncrograms	s per liter)	ND	ND	ND	ND	01	20
Acenaphinene	ZJ ND	JJ ND	ND ND	ND ND	ND ND	ND ND	ND ND	ðJ ND	20
Antifracene		ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	0.002
Benz(a)anthracene	4J	ND ND	ND ND	ND ND	ND ND	ND	ND	ND ND	0.002
Benzo(a)pyrene	4J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	3J	ND	ND	ND	ND	ND	ND	ND	0.002
Benzo(g,h,1) perylene	3J	ND	ND	ND	ND	ND	ND	ND	50*
Benzo(k)fluoranthene	4J	ND	ND	ND	ND	ND	ND	ND	0.002
Bis(2-ethylhexyl)phthalate	7J	3J	ND	ND	ND	ND	ND	ND	5
Chrysene	4J	ND	ND	ND	ND	ND	ND	ND	0.002
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	50*
Diethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	50
Di-n-butylphthalate	3J	ND	ND	3J	ND	ND	ND	ND	50
Fluoranthene	9J	ND	ND	ND	ND	ND	ND	3J	50
Fluorene	ND	ND	ND	ND	ND	ND	ND	4J	50
Indeno(1,2,3-cd)pyrene	3J	ND	ND	ND	ND	ND	ND	ND	0.002
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	50*
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	50
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	5J	50
Pyrene	12	3J	2J	ND	ND	ND	ND	3J	50
Pesticides (in micrograms per l	iter)								
Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	0.05
4,4-DDT	ND	ND	ND	ND	ND	ND	ND	ND	0.2
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	0.004
PCB (in milligrams per kilogra	<i>m</i> )								
PCB 1254	ND	ND	ND	ND	ND	ND	ND	ND	-

Location No.	GP-10	GP-11	GP-12	GP-13	GP-14	GP-15	GP-16	GP-19	NYSDEC Class GA Standards/ or TOGS 1.1.1 Guidelines
Semi-Volatile Organic Com	pounds ( <i>ir</i>	1 microgra	ms per lite	e <b>r</b> )	1	1	1		
Acenaphthene	3J	ND	2J	ND	ND	ND	ND	ND	20
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	50
Benz(a)anthracene	ND	ND	2J	3J	ND	ND	ND	ND	0.002
Benzo(a)pyrene	ND	ND	ND	2J	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	2J	2J	ND	ND	ND	ND	0.002
Benzo(g,h,i) perylene	ND	ND	ND	ND	ND	ND	ND	ND	50*
Benzo(k)fluoranthene	ND	ND	3J	3J	ND	ND	ND	ND	0.002
Bis(2-ethylhexyl)phthalate	ND	3J	ND	4J	ND	ND	ND	ND	5
Chrysene	ND	ND	2J	3J	ND	ND	ND	ND	0.002
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	50*
Diethylphthalate	ND	ND	ND	3J	ND	ND	ND	ND	50
Di-n-butylphthalate	ND	ND	ND	2J	ND	ND	ND	ND	50
Fluoranthene	ND	ND	4J	7J	ND	ND	ND	2J	50
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	50
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	0.002
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	50*
Naphthalene	37	ND	ND	ND	ND	3J	ND	ND	50
Phenanthrene	ND	ND	2J	ND	ND	ND	ND	2J	50
Pyrene	ND	ND	6J	7J	ND	3J	ND	4J	50
Pesticides (in micrograms pe	e <b>r liter</b> )								
Chlordane	ND	ND	0.51	0.36	ND	ND	ND	ND	0.05
4,4-DDT	ND	ND	ND	ND	ND	ND	ND	ND	0.2
Dieldrin	ND	ND	ND	0.10	ND	ND	ND	ND	0.004
PCB (in milligrams per kilog	gram)								
PCB 1254	ND	ND	ND	0.36	ND	ND	ND	ND	-

								NYSDEC
								Class GA
Location No.	GP-21	GP-22	GP-24	GP-25	GP-26	GP-28	GP-29	Standards/
								or TOGS 1.1.1
								Guidelines
Semi-Volatile Organic Con	npounds ( <i>i</i>	n microgra	ams per lit	er)				
Acenaphthene	ND	NS	ND	ND	ND	ND	ND	20
Anthracene	ND	NS	ND	ND	ND	ND	ND	50
Benz(a)anthracene	ND	NS	ND	ND	ND	ND	ND	0.002
Benzo(a)pyrene	ND	NS	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	NS	ND	ND	ND	ND	ND	0.002
Benzo(g,h,i)perylene	ND	NS	ND	ND	ND	ND	ND	50*
Benzo(k)fluoranthene	ND	NS	ND	ND	ND	ND	ND	0.002
Bis(2-ethylhexyl)phthalate	ND	NS	ND	ND	ND	ND	ND	5
Chrysene	ND	NS	ND	ND	ND	ND	ND	0.002
Dibenzofuran	ND	NS	ND	ND	ND	ND	ND	50*
Diethylphthalate	ND	NS	ND	ND	ND	ND	ND	50
Di-n-butylphthalate	ND	NS	ND	1.2J	ND	ND	ND	50
Fluoranthene	ND	NS	ND	ND	ND	1.5J	ND	50
Fluorene	ND	NS	ND	ND	ND	ND	ND	50
Indeno(1,2,3-cd)pyrene	ND	NS	ND	ND	ND	ND	ND	0.002
2-Methylnaphthalene	ND	NS	ND	ND	ND	ND	ND	50*
Naphthalene	ND	NS	15J	ND	ND	ND	1.4J	50
Phenanthrene	ND	NS	ND	ND	ND	ND	ND	50
Pyrene	ND	NS	ND	ND	ND	1.9J	ND	50
Pesticides (in micrograms p	er liter)							
Chlordane	ND	NS	ND	ND	ND	ND	ND	0.05
4,4-DDT	ND	NS	ND	ND	ND	ND	ND	0.2
Dieldrin	ND	NS	ND	ND	ND	ND	ND	0.004
PCB (in milligrams per kilo)	gram)							
PCB 1254	ND	NS	ND	ND	ND	ND	ND	-

Location No.	MW-1 1998	MW- 2A 1998	MW-3 1998	MW-4 1998	DW-1	DW-2	NYSDEC Class GA Standards/ or TOGS 1.1.1 Guidance
Semi-Volatile Organic Comp	ounds ( <i>in i</i>	microgran	is per liter)	)			
Acenaphthene	NS	ND	ND	ND	ND	ND	20
Anthracene	NS	ND	ND	ND	ND	ND	50
Benz(a)anthracene	NS	ND	ND	ND	ND	ND	0.002
Benzo(a)pyrene	NS	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NS	ND	ND	ND	ND	ND	0.002
Benzo(g,h,i) perylene	NS	ND	ND	ND	ND	ND	50*
Benzo(k)fluoranthene	NS	ND	ND	ND	ND	ND	0.002
Bis(2-ethylhexyl)phthalate	NS	ND	ND	ND	ND	ND	5
Chrysene	NS	ND	ND	ND	ND	ND	0.002
Dibenzofuran	NS	ND	ND	ND	ND	ND	50*
Diethylphthalate	NS	ND	3J	ND	ND	ND	50
Di-n-butylphthalate	NS	ND	ND	ND	ND	ND	50
Fluoranthene	NS	ND	ND	ND	ND	ND	50
Fluorene	NS	ND	ND	ND	ND	ND	50
Indeno(1,2,3-cd)pyrene	NS	ND	ND	ND	ND	ND	0.002
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	50*
Naphthalene	NS	ND	ND	ND	ND	ND	50
Phenanthrene	NS	ND	ND	ND	ND	ND	50
Pyrene	NS	2J	ND	ND	ND	ND	50
Pesticides (in micrograms per	liter)						
Chlordane	NS	ND	ND	ND	ND	ND	0.05
4,4-DDT	NS	ND	0.11	ND	ND	ND	0.2
Dieldrin	NS	ND	ND	ND	ND	ND	0.004
PCB (in milligrams per kilogr	am)						
PCB 1254	NS	ND	ND	ND	ND	ND	-

Location No.	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	NYSDEC Class GA Standard/ or TOGS 1.1.1 Guidelines
Semi-Volatile Organic Con	npounds ( <i>in</i>	microgran	ıs per liter)				
Acenaphthene	ND	ND	7J	25	ND	ND	20
Anthracene	ND	ND	ND	16	ND	ND	50
Benz(a)anthracene	ND	ND	ND	10	ND	ND	0.002
Benzo(a)pyrene	ND	ND	ND	8J	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	6J	ND	ND	0.002
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	50*
Benzo(k)fluoranthene	ND	ND	ND	6J	ND	ND	0.002
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	9J	41J	5
Chrysene	ND	ND	ND	11	ND	ND	0.002
Dibenzofuran	ND	ND	4J	8J	ND	ND	50*
Diethylphthalate	3J	ND	ND	11	ND	ND	50
Di-n-butylphthalate	3J	ND	ND	3J	ND	ND	50
Fluoranthene	ND	ND	ND	29	3J	19J	50
Fluorene	ND	ND	11J	27	ND	ND	50
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	0.002
2-Methylnaphthalene	ND	ND	15	ND	ND	ND	50*
Naphthalene	ND	ND	6J	5J	ND	ND	50
Phenanthrene	2J	ND	16J	41	3J	ND	50
Pyrene	ND	2J	5J	26	3J	19J	50
Pesticides (in micrograms p	er liter)						
Chlordane	ND	ND	ND	ND	ND	ND	0.05
4,4-DDT	ND	ND	ND	ND	ND	ND	0.2
Dieldrin	ND	ND	ND	ND	ND	ND	0.004
PCB (in milligrams per kild	gram)						
PCB 1254	ND	ND	ND	ND	ND	ND	-

Location No.	MW-11	MW-12	MW-13	MW-14D	MW-14S	NYSDEC Class GA Standard/ or TOGS 1.1.1 Guidelines					
Semi-Volatile Organic Compounds (in micrograms per liter)											
Acenaphthene	ND	ND	ND	ND	ND	20					
Anthracene	ND	ND	ND	ND	ND	50					
Benz(a)anthracene	ND	ND	ND	ND	ND	0.002					
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND					
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	0.002					
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	50*					
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	0.002					
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	ND	5					
Chrysene	ND	ND	ND	ND	ND	0.002					
Dibenzofuran	ND	ND	ND	ND	ND	50*					
Diethylphthalate	ND	ND	ND	ND	ND	50					
Di-n-butylphthalate	ND	ND	ND	ND	ND	50					
Fluoranthene	ND	ND	4.4J	ND	ND	50					
Fluorene	ND	11J	7.4J	ND	ND	50					
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	0.002					
2-Methylnaphthalene	ND	18J	4.1J	ND	ND	50*					
Naphthalene	ND	ND	7.2J	ND	ND	50					
Phenanthrene	ND	11J	9.1J	ND	ND	50					
Pyrene	ND	ND	4.6J	ND	ND	50					
Pesticides (in micrograms per liter)											
Chlordane	ND	ND	ND	ND	ND	0.05					
4,4-DDT	ND	ND	ND	ND	ND	0.2					
Dieldrin	ND	ND	ND	ND	ND	0.004					
PCB (in milligrams per kilo	gram)										
PCB 1254	ND	ND	ND	ND	ND	-					

#### tes:

= Concentration is Estimated

) = Not Detected

= Not Sampled

= No guidance value exists

The General Organic Contaminant Standard applies for this substance.

ly detected analytes are reported.

**Id** Values indicate an exceedence of the New York State Department of Environmental Conservation (NYSDEC) Class GA indard or Technical and Operational Guidance Series (TOGS) 1.1.1 Guideline.

There was one detection of PCBs from all the groundwater samples. The detection exceeded the standard. It should also be noted that there were no detections of VOCs (with the exception of methylene chloride), SVOCs, pesticides, or PCBs in the three deeper wells at the site. The deep wells are all screened from 20 to 30 feet below grade.

The results for the metals in the groundwater are presented in Table 6.6.4. The results are presented for both dissolved and total metals. For the total metals analyses, exceedances were found for antimony, arsenic, barium, cadmium, chromium, copper, iron, lead, manganese, nickel, selenium, sodium, and zinc. However, for the dissolved analyses, the metals for which exceedances of the standards were found was reduced to antimony, iron, copper, lead, magnesium, manganese, nickel, selenium, and sodium.

The metals results show that elevated concentrations are present in the geologic formation (bound to colloidal materials) as well as dissolved in the groundwater. However, it is important to note that the site exists over a former tidal wetland. Therefore, the groundwater beneath the site is very likely to be a mixture of fresh and saline waters. Saline waters are known to contain naturally high concentrations of metals. Also, since the site appears to contain saline waters, it appears that the Class GA standards may not be applicable.

In summary, although there are some exceedances of the standards for various parameters for the locations sampled, the overall impacts to the groundwater across the site are minimal. However, the exception to this is that two of the wells located in the area of the 20,000-gallon UST were not sampled due to the presence of floating petroleum product in the wells. Well MW-2 (this well was installed in 1992 during a previous investigation) contained one inch of product on March 12, 2004 and again on April 6, 2004. On April 21, 2004, MW-2 (1992) contained 2.4 inches of product during high tide and MW-15 contained 15.6 inches during the same high tide. On July 7, 2004, during low tide, MW-2 (1992) contained 1.8 inches of product and MW-15 contained 3.6 inches.

It is not clear if the tidal influence is a significant factor in determining the

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Table 6.6.4 Groundwater Chemical Analytical Results – Metals 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	NYSDEC Class GA Standard/ or TOGS 1.1.1 Guidelines	
Dissolved Metals (in micrograms per liter)										
Aluminum	24.4	47.2	38.1	57.6	59.3	10.8	511	75.0	-	
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	3	
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	25	
Barium	100	338	808	168	38.4	101	65.7	256	1,000	
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	5	
Calcium	77,800	158,000	106,000	95,200	110,000	115,000	77,900	72,700	-	
Chromium	ND	ND	ND	ND	8.5	ND	ND	ND	50	
Cobalt	ND	ND	ND	ND	8.3	139	ND	6.0	_	
Copper	ND	ND	ND	ND	ND	15.5	5.7	5.0	200	
Iron	59.9	41.7	29.1	41.8	88.4	128	527	69.5	300	
Lead	4.9	23.1	6.2	4.6	4.2	4.1	3.5	ND	25	
Magnesium	16,900	44,600	44,600	19,700	39,500	21,900	39,300	25,300	35,000	
Manganese	166	2,140	395	427	10,700	656	141	399	300	
Mercury (mg/L)	.0010	ND	ND	ND	ND	ND	ND	ND	0.0007	
Nickel	10.5	6.2	ND	6.0	ND	27.0	ND	10.3	100	
Potassium	5,290	31,000	14,300	10,000	3,630	8,960	4,940	16,700	_	
Selenium	ND	15.4	ND	ND	32.1	ND	ND	16.5	10	
Silver	ND	ND	ND	ND	ND	ND	ND	ND	50	
Sodium	25,200	488,000	30,600	116,000	14,800	41,700	185,000	269,000	20,000	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	-	
Zinc	358	36.4	ND	114	52.2	1,480	ND	22.4	2,000	
Total Metals (in mic	crograms	per liter)								
Aluminum	3,060	32,700	65,300	10,700	80,600	16,200	60,300	22,700	-	
Antimony	ND	ND	ND	ND	9.8	12.8	ND	ND	3	
Arsenic	ND	1.03	20.0	ND	19.2	19.4	ND	ND	25	
Barium	165	1,160	4,650	391	2,510	1,090	2,970	786	1,000	
Beryllium	ND	ND	5.3	ND	6.6	ND	6.0	ND	3	
Cadmium	ND	ND	9.1	3.8	56.8	5.1	ND	ND	5	
Calcium	89,600	491,000	663,000	114,000	175,000	143,000	119,000	149,000	-	
Chromium	42.7	116	275	64.6	883	322	259	485	50	
Cobalt	7.5	43.6	94.9	26.9	1,440	1,220	150	70.4	-	
Copper	107	335	1,090	229	3,010	5,220	233	273	200	
Iron	10,800	54,000	173,000	24,800	382,000	189,000	156,000	127,000	300	
Lead	298	7,860	9,520	364	3,450	2,440	32.9	168	25	
Magnesium	18,200	65,500	91,500	24,000	64,300	26,500	69,000	52,000	35,000	
Manganese	299	6,230	4,600	794	21,100	1,510	22,800	3,240	300	
Mercury (mg/L)	.0017	.0058	ND	.0021	.0006	.0002	.0005	.0005	0.0007	
Nickel	35.4	77.9	274	54.5	309	157	263	300	100	
Potassium	5,710	26,500	26,000	14,100	11,200	10,700	10,800	23,300	-	
Selenium	ND	25.0	35.3	ND	76.9	30.7	55.0	27.5	10	
Silver	ND	ND	ND	ND	ND	ND	ND	ND	50	
Sodium	26,200	505,000	52,700	117,000	102,000	118,000	185,000	277,000	20,000	
Vanadium	13.3	124	306	34.6	413	50.5	157	87.2	-	
Zinc	824	1,960	9,590	1,640	43,700	41,000	1,120	1,890	2,000	

## Table 6.6.4 (continued) Groundwater Chemical Analytical Results – Metals 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	GP-10	GP-11	GP-12	GP-13	GP-14	GP15	GP-16	GP-19	NYSDEC Class GA Standard/ Or TOGS 1.1.1 Guidelines	
Dissolved Metals (in micrograms per liter)										
Aluminum	381	45.8	128	210	82.7	42.4	61.9	44.9	-	
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	3	
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	25	
Barium	72.8	76.7	12.7	ND	119	137	19.5	109	1,000	
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	5	
Calcium	15,400	91,000	364,000	548,000	80,800	168,000	321,000	120,000	-	
Chromium	ND	5.2	6.4	5.8	ND	ND	6.5	ND	50	
Cobalt	25.0	ND	ND	6.2	ND	7.6	ND	ND	-	
Copper	6.8	5.7	16.9	8.2	20.1	114	13.4	26.9	200	
Iron	239	51.0	174	110	130	27.8	35.7	247	300	
Lead	ND	3.5	ND	ND	3.3	6.1	ND	5.9	25	
Magnesium	10,600	55,900	70,500	92,300	22,300	41,100	88,200	26,300	35,000	
Manganese	99.8	1,890	383	2,450	904	571	1,920	763	300	
Mercury (mg/L)	ND	ND	ND	0.0007	ND	ND	ND	ND	0.0007	
Nickel	13.4	ND	8.6	35.3	6.8	22.4	18.7	11.6	100	
Potassium	17,400	8,040	20,700	12,500	15,000	16,800	11,200	15,900	-	
Selenium	29.0	1.24	12.6	13.4	222	18.7	17.9	11.9	10	
Silver	ND	ND	ND	ND	ND	ND	ND	ND	50	
Sodium	822,000	112,000	261,000	24,400	103,000	160,000	29,800	77,700	20,000	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	-	
Zinc	ND	ND	ND	99.9	20.9	213	ND	87.2	2,000	
Total Metals (in a	microgram	s per liter)								
Aluminum	74,100	9,910	50,000	78,000	41,500	43,300	22,900	2,160	-	
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	3	
Arsenic	ND	ND	ND	14.1	114	96.9	ND	27.8	25	
Barium	1,870	929	543	739	910	821	332	215	1,000	
Beryllium	6.4	ND	3.2	12.3	1.4	ND	ND	ND	3	
Cadmium	3.5	ND	4.9	29.5	4.7	20.0	ND	ND	5	
Calcium	107,000	597,000	466,000	1,390,000	115,000	282,000	43,800	124,000	-	
Chromium	388	82.5	184	695	175	317	209	20.1	50	
Cobalt	130	44.2	86.9	390	90.8	74.2	42.8	5.5	-	
Copper	7.8	131	599	2,140	4,940	3,940	109	246	200	
Iron	202,000	19,200	88,100	92,500	81,700	101,000	52,700	14,700	300	
Lead	224	494	844	6,560	1,310	1,800	65.9	263	25	
Magnesium	45,800	158,000	86,300	221,000	38,900	58,900	132	26,800	35,000	
Manganese	11,400	16,100	9,890	31,200	3,130	2,950	7,190	822	300	
Mercury (mg/L)	.0011	.0005	.0023	.0085	.0019	.0020	.0008	.0008	0.0007	
Nickel	296	96.7	171	623	154	263	110	17.2	100	
Potassium	33,300	14,900	30,700	27,900	20,100	24,800	17,900	16,500	-	
Selenium	43.1	36.1	36.1	67.4	284	33.8	29.1	10.0	10	
Silver	ND	ND	ND	ND	ND	ND	ND	ND	50	
Sodium	831,000	126,000	215,000	53,900	110,000	172,000	31,700	77,800	20,000	
Vanadium	296	39.3	157	114	167	210	65.1	11.3	-	
Zinc	937	545	1,420	11,900	2,190	3,940	333	336	2,000	

#### Table 6.6.4 (continued) Groundwater Chemical Analytical Results – Metals 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	GP-21	GP-22	GP-24	GP-25	GP-26	GP-28	GP-29	MW-1 1998	NYSDEC Class GA Standard/ or TOGS 1.1.1 Guidelines
Dissolved Metals (i	n microgram	s per liter)							
Aluminum	32.1	NS	60.0	40.6	49.6	28.9	318	NS	-
Antimony	ND	NS	ND	ND	ND	ND	ND	NS	3
Arsenic	ND	NS	ND	ND	ND	ND	ND	NS	25
Barium	109	NS	391	284	61.5	203	40.6	NS	1,000
Cadmium	ND	NS	ND	ND	ND	ND	ND	NS	5
Calcium	85,800	NS	110,000	97,600	133,000	49,100	3,370	NS	-
Chromium	ND	NS	6.2	ND	ND	ND	ND	NS	50
Cobalt	ND	NS	22.2	ND	ND	ND	18.5	NS	-
Copper	ND	NS	ND	ND	ND	ND	21.8	NS	200
Iron	ND	NS	459	15.4	ND	36.5	730	NS	300
Lead	5.8	NS	3.0	8.2	40.3	3.5	ND	NS	25
Magnesium	21,100	NS	35,400	22,800	32,300	20,900	1,780	NS	35,000
Manganese	294	NS	7,650	131	190	599	10.2	NS	300
Mercury (mg/L)	ND	NS	ND	ND	ND	ND	.0003	NS	0.0007
Nickel	7.0	NS	5.4	5.4	5.6	15.6	12.9	NS	100
Potassium	6,040	NS	17,800	11,100	11,900	10,800	11,600	NS	-
Selenium	ND	NS	13.4	ND	ND	ND	12.4	NS	10
Silver	ND	NS	ND	ND	ND	ND	ND	NS	50
Sodium	16,300	NS	122,000	120,000	60,600	343,000	964,000	NS	20,000
Vanadium	ND	NS	ND	ND	ND	ND	23.1	NS	-
Zinc	65.4	NS	ND	ND	54.0	ND	ND	NS	2,000
Total Metals (in mic	crograms per	· liter)							
Aluminum	9,180	NS	12,300	13,800	16,100	13,500	16,600	NS	-
Antimony	5.0	NS	5.6	ND	9.9	ND	ND	NS	3
Arsenic	23.2	NS	ND	ND	22.1	ND	16.5	NS	25
Barium	1,320	NS	1,380	1,170	2,850	545	664	NS	1,000
Beryllium	ND	NS	ND	ND	ND	ND	1.7	NS	3
Cadmium	5.6	NS	ND	ND	6.6	ND	ND	NS	5
Calcium	120,000	NS	148,000	383,000	595,000	65,100	28,400	NS	-
Chromium	399	NS	230	127	101	126	94.9	NS	50
Cobalt	22.1	NS	713	15.4	10.9	31.0	47.4	NS	-
Copper	120	NS	50.4	11.8	498	181	88.5	NS	200
Iron	50,700	NS	185,000	41,700	27,000	32,100	36,300	NS	300
Lead	2,560	NS	327	6,480	41,200	117	183	NS	25
Magnesium	25,900	NS	43,400	47,900	51,200	26,100	7,860	NS	35,000
Manganese	1,030	NS	9,580	1,220	1,730	335	3,890	NS	300
Mercury (mg/L)	.0009	NS	ND	.0009	.0096	.0005	.0007	NS	0.0007
Nickel	191	NS	81.4	61.8	42.5	420	63.4	NS	100
Potassium	7,370	NS	20,800	13,900	15,600	14,000	14,900	NS	-
Selenium	ND	NS	23.5	11.4	12.9	14.3	15.0	NS	10
Silver	ND	NS	ND	ND	ND	ND	ND	NS	50
Sodium	23,000	NS	148,000	132,000	70,500	345,000	986,000	NS	20,000
Vanadium	62.1	NS	72.5	51.7	84.2	67.0	64.9	NS	-
Zinc	6,280	NS	18,300	2,820	4,090	145	145	NS	2,000

## Table 6.6.4 (continued) Groundwater Chemical Analytical Results – Metals 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	MW-2A	MW-3	MW-4	DW 1	DW 2	MXX 5		MXX 7	NYSDEC Class GA	
Location No.	1998	1998	1998	Dw-1	Dw-2	MW-5	MI W -0	IVI VV - /	Standard/ or TOGS 1.1.1 Guidelines	
Dissolved Metals (in micrograms per liter)										
Aluminum	384	62.9	26.6	533	170	374	253	309	-	
Antimony	ND	ND	ND	ND	ND	15.0	ND	ND	3	
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	25	
Barium	91.2	60.4	92.7	67.5	54.6	135	138	309	1,000	
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	5	
Calcium	37,000	107,000	146,000	67,500	122,000	76,200	94,700	136,000	-	
Chromium	ND	ND	ND	ND	5.0	ND	ND	ND	50	
Cobalt	ND	40.7	5.6	ND	9.7	8.1	ND	55.4	-	
Copper	7.2	12.3	ND	6.4	5.3	23.1	ND	13.3	200	
Iron	275	316	525	367	121	286	173	1,030	300	
Lead	62.8	5.2	6.3	13.5	5.2	54.0	4.2	43.8	25	
Magnesium	6,840	40,600	34,000	31,000	56,200	14,000	26,400	27,700	35,000	
Manganese	264	492	1,710	1,260	147	748	287	415	300	
Mercury (mg/L)	ND	ND	ND	ND	ND	ND	ND	ND	0.0007	
Nickel	ND	ND	ND	ND	ND	6.7	ND	12.0	100	
Potassium	2,430	9,040	15,300	4,690	3,760	6,660	15,300	11,700	-	
Selenium	ND	ND	16.9	ND	16.7	ND	ND	11.8	10	
Silver	ND	ND	ND	ND	ND	ND	ND	ND	50	
Sodium	24,700	75,800	95,900	110,000	22,600	69,200	108,000	78,300	20,000	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	-	
Zinc	24.6	205	26.5	30.4	164	76.1	ND	293	2,000	
Total Metals (in n	nicrograms	per liter)								
Aluminum	4,120	1,030	2,750	6,620	7,070	69,700	31,900	34,500	-	
Antimony	ND	ND	ND	ND	ND	153	ND	10.9	3	
Arsenic	ND	ND	ND	ND	ND	320	ND	35.5	25	
Barium	204	129	177	330	229	3,370	1,420	1,740	1,000	
Beryllium	ND	ND	ND	ND	ND	1.3	1.8	ND	3	
Cadmium	4.1	ND	ND	ND	ND	65.0	4.7	3.3	5	
Calcium	39,900	109,000	149,000	86,400	125,000	1,320,000	211,000	30,000	-	
Chromium	10.9	7.9	7.6	15.2	24.0	243	142	329	50	
Cobalt	6.0	51.9	14.6	15.6	35.3	647	212	1,350	-	
Copper	177	113	5.5	117	124	16,300	159	580	200	
Iron	6,030	12,400	24,800	6,680	13,800	127,000	120,000	218,000	300	
Lead	2,160	114	69.3	829	156	53,000	215	5,800	25	
Magnesium	7,680	41,400	35,700	34,600	58,500	67,500	43,800	41,000	35,000	
Manganese	324	614	1,790	2,950	2,100	11,400	3,320	2,270	300	
Mercury (mg/L)	.0024	ND	.0012	.0116	ND	.0093	.0016	ND	0.0007	
Nickel	17.1	5.9	14.5	24.4	19.9	397	87.9	148	100	
Potassium	2,480	9,290	15,700	6,530	5,330	23,000	20,000	15,600	-	
Selenium	ND	ND	16.7	ND	17.9	63.6	28.5	46.6	10	
Silver	ND	ND	ND	ND	ND	ND	ND	ND	50	
Sodium	16,000	75,400	96,500	112,000	23,400	115,000	120,000	133,000	20,000	
Vanadium	45.3	14.4	12.0	28.9	27.7	326	154	134	-	
Zinc	819	442	823	425	724	21,100	7,340	36,600	2,000	

#### Table 6.6.4 (continued) Groundwater Chemical Analytical Results – Metals 57-15 49<sup>th</sup> Street, Maspeth, New York

Location No.	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14D	MW-14S	NYSDEC Class GA Standard/ or TOGS 1.1.1 Guidelines
<b>Dissolved Metals</b>	(in microg	rams per lit	ter)						
Aluminum	2,750	352	57.7	152	ND	ND	14.6	91.1	_
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	3
Arsenic	10.8	ND	ND	ND	ND	ND	ND	ND	25
Barium	100	90.2	418	166	316	352	38.4	355	1,000
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	5
Calcium	32,600	206,000	209,000	106,000	155,000	128,000	92,400	108,000	-
Chromium	ND	ND	ND	ND	ND	ND	ND	ND	50
Cobalt	ND	6.4	ND	5.2	75.1	51.7	6.7	21.8	-
Copper	19.0	5.4	17.9	12.6	35.3	22.7	ND	13.3	200
Iron	1,190	244	186	172	42.2	75.9	398	263	300
Lead	55.9	7.9	4.9	4.9	4.3	4.9	ND	9.7	25
Magnesium	13,400	23,700	39,900	25,100	19,400	33,000	42,800	27,500	35,000
Manganese	347	2,740	579	506	246	131	180	395	300
Mercury (mg/L)	.0006	ND	ND	ND	ND	ND	ND	.0007	0.0007
Nickel	ND	10.4	ND	5.0	8.9	10.0	ND	ND	100
Potassium	26,900	9,570	13,800	16,000	9,450	11,800	7,550	13,600	-
Selenium	ND	47.3	ND	14.3	ND	ND	ND	10.5	10
Silver	ND	ND	ND	ND	ND	ND	ND	ND	50
Sodium	289,000	16,400	84,100	100,000	63,400	50,800	146,000	123,000	20,000
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	-
Zinc	52.0	ND	ND	28.5	188	201	ND	213	2,000
Total Metals (in	microgram	s per liter)							
Aluminum	131,000	37,000	65,200	124,000	24,000	65,100	6,140	61,300	-
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	3
Arsenic	40.1	12.2	49.5	83.2	32.6	ND	ND	70.1	25
Barium	5,560	1,010	1,930	1,640	2,150	4,520	227	3,710	1,000
Beryllium	8.0	4.7	1.9	8.4	ND	ND	ND	ND	3
Cadmium	4.5	3.3	13.4	39.4	6.4	14.5	ND	15.7	5
Calcium	553,000	332,000	394,000	416,000	288,000	738,000	98,600	301,000	-
Chromium	209	119	221	513	253	700	50.1	573	50
Cobalt	83.7	107	129	159	1,660	2,890	144	2,480	-
Copper	ND	903	8,600	4,090	1,740	334	131	20,600	200
Iron	449,000	86,800	219,000	501,000	196,000	485,000	29,300	368,000	300
Lead	5,090	1,480	2,320	4,530	4,710	25,400	526	11,400	25
Magnesium	55,200	44,400	63,300	68,300	30,300	55,700	46,100	46,900	35,000
Manganese	20,300	8,210	4,840	12,600	1,710	4,540	402	3,590	300
Mercury (mg/L)	.0029	.0030	.0036	.0015	.0009	.0008	ND	.0029	0.0007
Nickel	198	142	191	257	235	553	41.1	437	100
Potassium	47,600	16,400	19,600	27,100	12,200	22,500	8,580	21,100	-
Selenium	154	45.8	15.5	ND	14.1	ND	ND	ND	10
Silver	ND	ND	ND	ND	ND	ND	ND	ND	50
Sodium	344,000	18,600	89,700	114,000	104,000	137,000	148,000	181,000	20,000
Vanadium	767	206	692	1,140	102	167	46.0	279	-
Zinc	15,200	946	4,320	11,500	47,600	97,300	3,730	72,500	2,000

### Table 6.6.4 (continued) Groundwater Chemical Analytical Results – Metals 57-15 49<sup>th</sup> Street, Maspeth, New York

Notes:

ND	=	Not Detected
NS	=	Not Sampled
-	=	No guidance value exists

Only detected analytes are reported.

**Bold** values indicate an exceedence of the New York State Department of Environmental Conservation (NYSDEC) Class GA Standard or Technical and Operational Guidance Series (TOGS) 1.1.1 Guidelines.

thickness of the product layer. However, it is clear that the groundwater has been impacted by floating product and the apparent source of the petroleum is the 20,000-gallon UST which was reported to have been emptied of floating product. It is not clear whether the 20,000-gallon UST is still acting as a source for the floating product since it is not known whether the UST was completely emptied and all petroleum cleaned from within the UST.

#### 6.7 Maspeth Creek Surface Water Sampling Results

Maspeth Creek is located to the west of the site and appears to be hydraulically downgradient of the site. Surface water samples were obtained to determine if the groundwater, which appears to be discharging to Maspeth Creek, has impacted the creek's water quality.

The results are summarized in Tables 6.7.1 and 6.7.2 and show that several VOCs, VOC TICs, and metals were detected. The concentrations detected were compared to the NYSDEC Class H(FC) Ambient Water Quality Standards (saline surface water standards for waters where there may be the human consumption of fish). The results show no exceedances of the standards. However, several VOCs were detected in the surface water of the creek at low concentrations. Methylene chloride was detected and it was again detected in the method blank and is not believed to exist in the surface water. The other compounds, with the exception of toluene, are not components of petroleum and, although some of these non-petroleum-related compounds were detected on site at trace levels, there is no clear evidence that the contamination at the site is impacting the waters of Maspeth Creek. Two VOC TICs were detected in the low tide sample. The total concentration of TICs in the sample was 26 ppb.

In addition, the samples were obtained at high tide and low tide. The results comparison shows no significant difference in either the suite of contaminants detected or the concentrations at which they were detected (with the exception of the minor detections of TICs that were detected only in the low tide sample).

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#### Table 6.7.1 Surface Water Chemical Analytical Results Maspeth Creek, Maspeth, New York

Location No.	SW-1	SW-2	NYSDEC	
Sample Date	April 21, 2004 High Tide	July 7, 2004 Low Tide	Standard/ or TOGS 1.1.1 Guidelines	
Volatile Organic Chemicals (i	n micrograms per liter	•)		
1,2-Dichloroethylene	15(cis-)	10(cis-)	-	
Methyl tertiary butyl ether	ND	1	-	
Methylene Chloride	3B	3B	200	
Tetrachloroethylene	2	2	1	
Toluene	4	ND	6,000	
Trichloroethylene	15	10	40	
Metals (in micrograms per lite	r)			
Aluminum	201	289	-	
Barium	62.8	66.9	-	
Calcium	216,000	185	-	
Copper	193	26.8	-	
Iron	503	726	-	
Lead	14.6	12.5	-	
Magnesium	419,000	365,000	-	
Manganese	68.2	71.9	-	
Potassium	205,000	175,000	-	
Sodium	3,610,000	3,020,000	-	
Zinc	89.8	86.8	-	

#### <u>)tes:</u> )

= Not Detected

= Guidance value is not available

ıly detected analytes are reported.

**Id** Values indicate an exceedence on the New York State Department of Environmental Conservation (NYSDEC) andard or Technical and Operational Guidance Series (TOGS) 1.1.1 Guidelines for human consumption of fish from line waters.
## Table 6.7.2 Surface Water Chemical Analytical Results Volatile Organic Compounds – Tentatively ID Compounds Maspeth Creek, Maspeth, New York

Location No.	SW-1	SW-2	NYSDEC						
Sample Date	April 21, 2004 High Tide	July 7, 2004 Low Tide	Standard/ or TOGS 1.1.1 Guidelines						
Volatile Organic Chemicals (i	Volatile Organic Chemicals (in micrograms per liter)								
Ethyl alcohol	ND	7	-						
Isopropyl alcohol	ND	19	-						

Notes:

ND = Not Detected

- = Guidance value is not available

Only detected analytes are reported.

#### 6.8 Maspeth Creek Sediment Sampling Results

The upper sediment in Maspeth Creek was sampled at three locations (SS-1 through SS-3) as shown in Plate 1. The results are summarized in Table 6.8.1 and 6.8.2. The results show that the only VOC detected was methylene chloride and, again, it was detected in the method blank and, therefore, its presence in the sediment is highly doubtful. For the VOC TICs, two compounds were detected at SS-1 at a total concentration of 691 ppb. The other two samples had lesser or no detections of TICs.

For the SVOCs, generally minor concentrations of several SVOCs were detected. The SVOCs in the sediments are generally species that are associated with petroleum and are similar to the compounds detected at the site. PCBs were detected at relatively low concentrations.

Numerous metals were detected in the sediment samples. Since the creek is located within a highly industrialized area with many potential contributors of contamination, it is unclear whether the subject site has impacted the sediments of Maspeth Creek.

Where possible, the sediment results were evaluated using the document entitled "Technical Guidance for Screening Contaminated Sediments" prepared by the NYSDEC. Based on this information several metals were found to exceed the Lowest Effect Level. With regard to PCBS, VOC, VOC TICs, and SVOCs, no screening level could be derived since no total organic carbon samples were obtained during the sampling. Also, for some of the detected compounds, no octanol/water partition coefficient values are available. Therefore, these results should be evaluated qualitatively.

#### 6.9 Data Usability Summary Report

A Data Usability Summary Report (DUSR) was prepared to evaluate the acceptability of the results. The DUSR was prepared in accordance with the NYSDEC DUSR methodologies and the USEPA Functional Guidelines for Organic and Inorganic Data Review.

The project was evaluated in terms of chains-of-custody, holding times, initial

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Enviroscience Consultants, Inc.

NC-NYCDEP-0000088

# Table 6.8.1Sediment Chemical Analytical ResultsMaspeth Creek, Maspeth, New York

				NYSDEC			
Location No.	SS-1	SS-2	55-3	Technical Guidance for			
Location No.	55-1	55-2	55-5	Screening			
				Contaminated S	Sediment		
Volatile Organic Chemicals	(in microgram	ns per kilogra	um)	1			
Methylene Chloride	11B	8B	9B	-			
Semi-Volatile Organic Com	pounds ( <i>in m</i>	icrograms per	r kilogram)				
Benzo(a)anthracene	500J	ND	ND	-			
Bis(2-ethylhexyl)phthalate	3,000J	4,600J	12,000J	-			
Chrysene	640J	ND	ND	-			
Fluoranthene	1,200J	4,300J	3,300J	-			
Phenanthrene	650J	3,900J	ND	-			
Pyrene	1,200J	4,200J	3,000J	-			
PCB's (in milligrams per kild	ogram)						
PCB 1254	0.16	ND	ND	-			
PCB 1260	0.20	1.64	0.50	-			
PCB Total	0.36	1.64	0.50	-			
Metals (in milligrams per kil	ogram)						
				Lowest Effect	Severe		
				Level	Effect		
					Level		
Aluminum	3,820	3,340	3,530	-	-		
Antimony	2.09	ND	ND	2.00	25.0		
Arsenic	6.45	5.18	6.37	6.00	33.0		
Barium	78.6	146	75.6	-	-		
Cadmium	1.65	0.85	1.57	0.60	9.00		
Calcium	7,510	4,340	4,300	-	-		
Chromium	43.3	50.3	40.0	26.0	110		
Cobalt	12.7	16.8	31.5	-	-		
Copper	281	354	377	16.0	110		
Iron	11,100	13,200	14,100	2%	4%		
Lead	203	332	357	31.0	110		
Magnesium	5,030	3,080	3,400	-	-		
Manganese	73.8	70.9	72.0	460	1,100		
Mercury	0.54	0.71	ND	0.15	1.3		
Nickel	27.4	21.0	29.4	16.0	50.0		
Potassium	695	601	153	-	-		
Selenium	1.33	1.49	ND	-	-		
Silver	1.94	8.13	ND	1.00	2.20		
Sodium	2,690	2,620	277	-	-		
Vanadium	17.3	14.6	7.00	-	-		
Zinc	604	989	77.7	120	270		

## Table 6.8.1 (continued) Sediment Chemical Analytical Results Maspeth Creek, Maspeth, New York

#### Notes:

- ND = Not Detected
- J = Estimated concentration
- B = Analyte was detected in the blank.
- = No guidance value exists

Only detected analytes are reported.

**Bold** values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC) Technical Guidance for Screening Contaminated Sediment or the exceedance of NYSDEC Lowest Effect Level for metals.

Shaded values indicate an exceedance of the NYSDEC Severe Effect Level for metals.

## Table 6.8.2 Sediment Chemical Analytical Results Volatile Organic Compounds – Tentatively ID Compounds Maspeth Creek, Maspeth, New York

Location No.	Location No. SS-1 SS-2		SS-3	NYSDEC Technical Guidance for Screening Contaminated Sediment					
Volatile Organic Chemicals	Volatile Organic Chemicals (in micrograms per kilogram)								
Dimethyl disulfide	31	ND	ND	-					
Dimethyl sulfide	660	ND	120	-					

# Notes:

ND=Not Detected-=No guidance value existsOnly detected analytes are reported.

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calibration, method blanks, laboratory control samples, surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

The DUSR report is included in its entirety in Appendix B. The results of the DUSR showed that all data was found to be acceptable, however, the fact that methylene chloride has been detected in the method blank for every sample group in which it was detected, indicates that its presence at the site is unlikely and its detection is due to laboratory contamination.

#### 6.10 QA/QC Sample Results

The Quality Assurance/Quality Control sample analyses are presented in this subsection. The results for the trip blanks and equipment blanks are presented in Table 6.10.1.

The results for the trip blanks show that the only VOC detected was trace concentrations of methylene chloride. It has been established that methylene chloride appears to be a laboratory contaminant and no methylene chloride is believed to be present in any of the primary samples. For the equipment blanks, again, methylene chloride was detected in some samples at trace concentrations in addition to other trace, sporadic detections of three other VOCs. Minor concentrations of metals, primarily iron, were detected in the equipment blanks. However, the concentrations are sufficiently low that cross-contamination is not a significant concern.

The results for the soil blind duplicate samples are presented in Table 6.10.2 and Table 6.10.3. The duplicated shallow soil samples contain an "A" following the sample number and the deeper samples contain a "B" following the sample number. The results show similar results when the primary samples and the duplicates are compared. The groundwater duplicate samples are shown in Tables 6.10.4 and 6.10.5. The groundwater results also show similar results when the primary samples are compared to the duplicates.

Therefore, the QA/QC samples have attested to the validity of the primary samples.

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Table 6.10.1Soil and Groundwater Sample Trip Blanks and Equipment Blanks57-15 49th Street, Maspeth, New York

Sample ID	TB	ТВ	ТВ	ТВ	ТВ	ТВ	ТВ	TB	ТВ
Date	11/19	11/20	12/4	2/11	2/12	3/17	4/6	4/21	7/7
Volatile Organic Compounds (in micrograms per liter)									
Methylene Chloride	1	ND	1	ND	ND	3	5	2	3

Sample ID	EBW	EBS	EBW	EBS	EBW	EBS	EBW	EBW	EBW	EBW	EBW	EBW
Date	11/19	11/19	11/20	11/20	12/4	2/11	2/11	2/12	3/17	4/6	4/21	7/7
Volatile Organic Compounds (in micrograms per liter)												
1,2-Dichlorobenzene	ND	1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	4B	5B	1B	3B
Naphthalene	2B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals (in microgran	Metals (in micrograms per liter)											
Aluminum	15.7	ND	14.1	26.9	ND	7.9	16.9	ND	ND	ND	ND	21.1
Calcium	284	43.0	358	79.6	ND	ND	26.0	ND	ND	32.0	ND	26.5
Chromium	ND	ND	14.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.4	ND
Iron	233	10.4	1,810	158	9.8	11.3	21.8	ND	7.9	ND	13.6	ND
Lead	ND	ND	ND	ND	ND	ND	ND	8.7	ND	ND	ND	ND
Magnesium	46.6	ND	23.8	28.1	ND	ND	13.0	ND	ND	ND	ND	ND
Manganese	ND	ND	13.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	102	ND	210	ND	157	ND	ND	111	ND	277	ND	881
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.00	ND	ND
Zinc	ND	ND	ND	21.2	ND	ND	ND	ND	ND	77.7	24.6	ND

# Notes:

Only detected analytes are reported.

ND = Not Detected

B = Analyte was detected in trip blank

#### Table 6.10.2

Sample ID	SB-7C (SB-7A)	SB-15C (SB-15B)	SB-19C (SB-19B)	SB-32A (SB-31A)	SB-32B (SB-31B)	BD-3/17 (MW-12)		
Volatile Organic Compounds (in micrograms per liter/kilogram)								
1,2-Dichloroethylene, Total	ND	ND	ND	ND	38(cis-)	ND		
p-Isopropyltoluene	ND	8	ND	ND	ND	ND		
Methylene Chloride	ND	ND	ND	ND	69B	420B		
Naphthalene	ND	7	ND	ND	ND	7B		
Tetrachloroethylene	ND	ND	ND	ND	22	ND		
Trichloroethylene	ND	ND	ND	ND	23	ND		
Semi-Volatile Organic Compounds	(in microgra	ms per kilog	ram)					
Acenaphthene	240J	ND	ND	990J	ND	490J		
Acenaphthylene	ND	ND	ND	1,800J	ND	ND		
Anthracene	590J	64J	440J	3,600	ND	1,500J		
Benzo(a)anthracene	2,300	99J	730J	7,300	180J	2,700		
Benzo(a)pyrene	2,100	80J	600J	5,100	190J	1,900		
Benzo(b)fluoranthene	2,500	52J	520J	4,500	120J	2,000		
Benzo(g, h,I)perylene	380J	50J	ND	760J	110J	ND		
Benzo(k)fluoranthene	1,800	68J	640J	5,900	140J	2,400		
Bis(2-ethylhexyl)phthalate	ND	ND	ND	10,000	ND	4,900		
Butyl benzyl phthalate	ND	ND	ND	12,000	ND	ND		
Chrysene	2,100	100J	800J	7,000	210J	2,500		
Dibenzo(a,h)anthracene	240J	ND	ND	590J	ND	ND		
Dibenzofuran	ND	ND	ND	1,600J	ND	ND		
Di-n-butylphthalate	ND	ND	ND	1,000J	ND	ND		
Di-n-octylphthalate	ND	ND	ND	1,700J	ND	ND		
Fluoranthene	3,700	270J	1,800	12,000	250J	4,900		
Fluorene	220J	ND	ND	3,200J	ND	700J		
Indeno(1,2,3-cd)pyrene	570J	ND	ND	1,200J	95J	ND		
2-Methhylnaphthalene	ND	ND	ND	1,100J	ND	280J		
Naphthalene	ND	ND	ND	1,500J	ND	270J		
Phenanthrene	2,400	210J	1,600J	14,000	150J	4,600		
Pvrene	3.300	250J	1.700	9,800	290J	4.600		

# Soil Sample Blind Duplicates – Volatile Organic Compounds and Semi-Volatile Organic Compounds 57-15 49<sup>th</sup> Street, Maspeth, New York

#### Notes:

Only detected analytes are reported. ND = Not Detected J = Concentration is estimated (SB-7A) = Sample headings in parenthesis indicate duplicated samples

# Table 6.10.3Soil Sample Blind Duplicates – Pesticides, PCBs, and Metals57-15 49th Street, Maspeth, New York

Sample ID	SB-7C (SB-7A)	SB-15C (SB-15B)	SB-19C (SB-19B)	SB-32A (SB-31A)	SB-32B (SB-31B)	BD-3/17 (MW-12)
Pesticides (in m	Pesticides (in micrograms per kilogram)					
4,4'-DDT	108	ND	ND	ND	ND	ND
Chlordane	509	ND	ND	343	ND	ND
PCBs (in millig	rams per ki	ilogram)		I	1	1
PCB 1254	0.59	ND	ND	ND	ND	0.10
PCB 1260	0.49	ND	ND	0.20	ND	0.08
PCB, Total	1.08	ND	ND	0.20	ND	0.18
Total Metals (in	n milligram	s per kilogra	um)		•	•
Aluminum	7,100	4,390	5,490	6,460	3,420	6,700
Antimony	9.12	ND	ND	1.70	ND	4.41
Arsenic	9.91	1.03	12.0	6.53	1.66	10.3
Barium	218	31.5	198	284	50.0	285
Cadmium	10.2	ND	ND	0.71	ND	3.41
Calcium	9,530	2841,370	9,800	35,000	5,400	8,430
Chromium	90.1	11.3	17.0	15.1	8.84	65.3
Cobalt	88.0	6.28	6.84	4.21	4.56	18.1
Copper	948	18.4	118	5,040	19.0	260
Iron	36,800	19,600	19,000	10.600	11,000	22,600
Lead	767	5.65	794	1,890	5.44	893
Magnesium	3,550	2,030	1.940	3,310	3,170	2,140
Manganese	275	495	581	177	322	321
Mercury	3.09	ND	2.54	0.26	ND	0.52
Nickel	54.4	8.23	9.60	13.0	11.9	28.5
Potassium	809	744	820	1,540	853	1,250
Selenium	7.09	4.54	5.39	ND	ND	ND
Sodium	11,100	305	1,510	990	968	1,210
Vanadium	25.2	20.0	20.2	17.7	15.2	26.1
Zinc	4,750	43.1	453	519	30.3	950

#### Notes:

Only detected analytes are reported.

ND = Not detected J = Concentration is estimated (SB-7A) = Sample headings in parenthesis indicate duplicated samples

### **Table 6.10.4**

# Groundwater Sample Blind Duplicates – Volatile Organic Compounds and Semi-Volatile Organic Compounds 57-15 49<sup>th</sup> Street, Maspeth, New York

Sample ID	GP-19C (GP-19)	MW-15 (MW-8 12/4)	MW-10B (MW-10)			
Volatile Organic Compound	(112))					
1,2-Dichloroethylene, Total	ND	ND	ND			
p-Isopropyltoluene	ND	ND	ND			
Methylene Chloride	ND	ND	3B			
Naphthalene	ND	ND	ND			
Tetrachloroethylene	ND	ND	ND			
Trichloroethylene	ND	ND	ND			
Semi-Volatile Organic Compounds (in micrograms per liter)						
Acenaphthene	ND	2J	ND			
Anthracene	ND	3J	ND			
Benzo(a)anthracene	ND	7J	ND			
Benzo(a)pyrene	ND	6J	ND			
Benzo(b)fluoranthene	ND	4J	ND			
Benzo(g, h,I)perylene	ND	3J	ND			
Benzo(k)fluoranthene	ND	6J	ND			
Bis(2-ethylhexyl)phthalate	ND	ND	ND			
Chrysene	ND	7J	ND			
Dibenzo(a,h)anthracene	ND	ND	ND			
Fluoranthene	3J	15	ND			
Fluorene	ND	2J	ND			
Indeno(1,2,3-cd)pyrene	ND	3J	ND			
2-Methhylnaphthalene	ND	ND	ND			
Naphthalene	ND	ND	ND			
Phenanthrene	3J	12	ND			
Pyrene	3J	13	ND			

#### Notes:

Only detected analytes are reported.

ND Not Detected =

Concentration is estimated

J = (GP-19) = Sample headings in parenthesis indicate duplicated samples

<b>Table 6.10.5</b>							
<b>Groundwater Sample Blind Duplicates - Metals</b>							
57-15 49 <sup>th</sup> Street, Maspeth, New York							

Sample ID	GP-19C	MW-15	MW-10B
	(GP-19)	(MW-8 12/4)	(MW-10)
Dissolved Metals,(i	n microgra	ms per liter)	
Aluminum	27.5	352	29.8
Antimony	ND	16.7	ND
Arsenic	ND	ND	ND
Barium	108	139	396
Cadmium	ND	ND	ND
Calcium	121,000	77,000	208,000
Chromium	ND	ND	ND
Cobalt	ND	7.3	ND
Copper	25.7	20.1	45.9
Iron	255	253	616
Lead	5.6	49.3	4.4
Magnesium	26,300	14,200	39,600
Manganese	763	758	534
Mercury (mg/L)	ND	ND	0.0003
Nickel	10.6	5.2	ND
Potassium	15,900	6,750	13,800
Selenium	12.8	ND	ND
Sodium	77,900	71,800	82,900
Vanadium	ND	ND	ND
Zinc	81.7	67.4	ND
Total Metals (in mi	crograms p	er liter)	
Aluminum	1,860	49,900	32,000
Antimony	ND	70.0	ND
Arsenic	20.6	127	34.1
Barium	198	2,520	1,210
Beryllium	ND	2.7	ND
Cadmium	ND	40.5	7.5
Calcium	126,000	758,000	301,000
Chromium	51.8	139	104
Cobalt	6.7	426	61.4
Copper	200	11,800	5,910
Iron	19,200	95,900	98,800
Lead	215	38,400	1,280
Magnesium	27,300	58,000	50,700
Manganese	867	7,170	2,410
Mercury (mg/L)	0.0008	0.0092	0.0029
Nickel	37.1	299	96.5
Potassium	16,400	16,200	16,900
Selenium	11.1	33.3	15.2
Sodium	80,500	105,000	85,600
Vanadium	ND	211	293
Zinc	502	15,200	2,280

Notes:

Only detected analytes are reported.

ND = Not Detected J = Concentration is estimated (GP-19) = Sample headings in parenthesis indicate duplicated sample

# Section 7.0 Conclusions and Recommendations

#### 7.1 Conclusions

The investigation performed for the site included obtaining numerous soil vapor, soil, groundwater, sediment, and surface water samples.

The geological, historical, and chemical analytical information has provided evidence related to the contamination of the site. Based on historical and geological information obtained, the site appears to have previously existed as a tidal wetland that was associated with Maspeth Creek. Subsequently, the site wetland was apparently filled with primarily sandy materials (although some brick, concrete, and other fill materials have been noted at the site) in some areas and material that was black and granular (possibly carbonaceous) in other areas. The thickness of the fill material was approximately five to ten feet, however, in areas the thickness was several feet greater or lesser. The areal extent of the fill appears to encompass the entire site (although distinguishing fill material from native soil in some areas was difficult).

The fill material used at the site appears to have been contaminated. The fill was very likely to have been contaminated prior to being transported to the site. It is possible that the previous businesses that operated at the site may have contributed to the contamination, however, the ubiquitous distribution of contamination across the site is not consistent with the type of contamination usually associated with the operation of a business, that is, contamination associated with business operations typically contain one or more discrete areas where contamination has been discharged to the subsurface as opposed to the relatively even distribution of contamination that exists across the site. Therefore, the major source of contamination at the site is the fill material.

The primary class of contaminants found in the fill material is SVOCs that are associated with petroleum. Due to paucity of detections of the lighter and more volatile VOCs and VOC TICs, it appears that the petroleum has existed in the fill for long periods of time (probably many decades). Due to the high concentrations of SVOCs, the

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petroleum is likely to have been a heavier petroleum product such as No. 2, 4, or 6 fuel oil, or waste oil (which typically contains high levels of metals), or a combination of several heavier oils.

The detections of SVOCs were, in general, significantly higher in the shallow soil samples (generally within five feet of the ground surface) when compared to the deeper samples (beyond five feet below the ground surface). This indicates that there has been minimal vertical migration of the SVOCs towards the deeper soil or to the groundwater. It is also important to note that SVOCs were detected at levels above the Objectives throughout the entire site.

Metals were also detected in the soil at high concentrations. Metals detected in the soil at concentrations in exceedance of the Objectives include arsenic, barium, cadmium, calcium, chromium, cobalt, iron, lead, magnesium, mercury, nickel, selenium, sodium, and zinc. These metal detections were found throughout the entire site. In addition, pesticides and PCBs were detected infrequently, sporadically, and generally at low concentrations although some minor exceedances of the Objectives for these compounds were noted. For the detections of metals, PCBs, and pesticides, the highest detections were found in the shallow soil and the deeper soil contained significantly lower concentrations of these parameters.

The results of the soil gas sampling showed minor concentrations of VOCs and VOC TICs at the site.

The elevation of the wells at the site were surveyed and groundwater flow direction maps were prepared for high and low tide conditions (in the event that the groundwater is tidally influenced). The results showed results consistent with the regional flow direction as well as site-specific directions determined by previous investigations. The groundwater flow direction is generally to the southwest and is very likely to discharge to Maspeth Creek.

The groundwater sample results confirm the lack of significant vertical migration of petroleum constituents. Detections of VOCs, VOC TICs, SVOCs, pesticides, and

PCBs were generally minor and sporadic (although there were some exceedances of the NYSDEC Class GA standards). The deeper groundwater contained no detections of these parameters.

The concentrations of metals in the groundwater were relatively high for many metals. For the dissolved metals analyses, exceedances of the standards were found for antimony, iron, manganese, nickel, selenium, and sodium. For the total metals analyses, exceedances were found for the same species as the dissolved metals and also included arsenic, barium, cadmium, chromium, and zinc. However, although it is likely that the site fill has contributed to the contamination of the groundwater, it is not clear whether the site fill is responsible for the majority of the metals in the groundwater. This is due to the evidence of limited vertical migration of metals in the soil column and, more importantly, since the site appears to exist in a filled tidal wetland, the saline waters that infiltrated the wetlands would contain significantly higher concentrations of naturally-occurring metals. Also, metals that may been discharged to the creek prior to the time that the site was filled, may have also impacted the groundwater in the area beneath the site through former tidal movement of water into the site area. Also, due to the proximity of saline waters, it is unclear whether the groundwater should be considered to be Class GA waters and, therefore, whether the exceedances are justified.

For the Maspeth Creek surface water sampling, no exceedances of the NYSDEC Class H(FC) standards were noted. However, minor concentrations of VOCs or VOC TICs were detected at high and/or low tides but the VOCs detected are not associated with petroleum and appear to be related to activities from other sites. For the sediments in the creek, there were generally minor detections of VOC TICs, SVOCs, and PCBs. Numerous metals were detected in the sediments at concentrations above the Objectives, however, again, the saline tidal waters are likely to be responsible for at least a portion of the elevated concentrations of metals.

The results of this investigation show that Maspeth Creek is not significantly impacted by contamination and, also, there is no clear evidence that the contamination emanating from the site has impacted the sediments or surface waters of Maspeth Creek.

The test pitting investigation showed the presence of one UST that is reported to be 20,000 gallons in size. The UST is partially on site and partially off site (at least based on the location of the fenceline). A second tank, which was reported to possibly exist on site was found to either no longer exist or exists beyond the fenceline.

The post-trenching soil samples showed concentrations of contaminants that were similar to those in other areas of the site. However, it appears highly likely that the 20,000-gallon UST has leaked since two groundwater-monitoring wells in the vicinity of the UST could not be sampled due to the presence of floating petroleum product on the water table. This floating product was first discovered during previous investigations in the 1990s. This contamination represents the area of highest environmental concern at the site.

In summary, the investigation showed that the entire site contains shallow fill material that contains, primarily, elevated levels of petroleum-related SVOCs and metals. The deeper soil and groundwater do not show significant impacts. Also, there is no apparent evidence that the fill material has impacted the groundwater entering Maspeth Creek. The area of highest concern is related to the 20,000-gallon UST that has apparently resulted in the creation of a layer of floating product on the water table in the area of the UST.

#### 7.2 Recommendations

Based on the conclusions presented in the previous subsection, Enviroscience Consultants offers recommendations to address the contamination issues at the site. A forthcoming Remedial Alternatives Report will be prepared that will discuss the recommendations in greater detail. The recommendations, in summary, are as follows:

 The 20,000-gallon UST at the site should be removed in accordance with all applicable regulations and requirements. The UST should be emptied (it is reported to be empty, however, this has not been confirmed), cleaned, rendered unfit for future use, and properly disposed. Any contaminated

soil should be removed from the excavation, stockpiled, and subsequently removed from the site. Post-excavation sampling should be performed following the soil removal and the excavation can then be backfilled with clean fill. Since this UST represents an on-going potential source area of contamination and its remediation is straightforward and can be completed within two days of field work, this UST should be removed as soon as possible as part of an Interim Remedial Measure (IRM).

- 2. The floating product on the water table should be addressed. The methods evaluated to achieve this removal should include hydrophobic bailers, enhanced vacuum recovery, and product-only skimmer pumping. However, as part of the IRM for the site, it is recommended that hydrophobic bailers be placed in the impacted wells to commence the removal of product from the water table as soon as possible.
- 3. The contaminated fill area extends, apparently, throughout the site and it does not appear practical to remove all fill from the site (however, this will be evaluated more completely in the Remedial Alternatives Report). It appears that the most appropriate steps to take would be to remove the soil from one "hotspot" area in the vicinity of borings SB-21 and SB-5. Since the site will be used for non-residential purposes, and since there is no evidence that that fill is contributing to a significant groundwater problem, it is suggested that a layer of clean topsoil be placed on the fill material to segregate it from any reasonable human contact with the impacted fill. Prior to any construction or other activities that would require excavation, a health and safety plan should be prepared and observed to minimize exposure to the impacted soil. A trained health and safety officer should be present at the site during any excavation activities. Finally, although the soil vapors detected during this investigation were minor, it is

recommended that any future buildings at the site be constructed without basements or other subsurface structures in which VOC vapors may accumulate. Also, vapor barriers should be installed beneath any structures.

- 4. Two 55-gallon drums were noted at the site that are apparently related to a previous investigation. The contents of these drums should be sampled and the drums should be properly disposed.
- 5. The existing groundwater-monitoring wells should be monitored on a quarterly basis to evaluate the trends in concentrations in the groundwater. In addition, chloride should be added to the list of analytical parameters to determine whether the groundwater beneath the site should be continued to be compared to Class GA standards.
- 6. A stream sediment study should be considered to determine if the impacts to the sediments downgradient of the site are attributable to activities at the site (this can be achieved by obtaining upstream and downstream sediment samples). Also, the samples should be analyzed for total organic carbon content so that the soil sediment screening criteria can be evaluated for all parameters.

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# Appendix A Soil Boring Logs

Enviroscience Consultants, Inc.

NC-NYCDEP-00000104

Project	57-15 49th Street,	Maspeth, NY		
Boring No. Screen Dia. Drilling Method	1 Total D Length Direct-Push Techn	epth: 14 ft	Slot Size	Notes: Soil samples were collected at 0'-2' and 10'-12'.
Driller Log By	Land, Air, Water I T Wall Date Di	Environmental Serv rilled	11/19/03	PiD readings were not collected due to rain.
Depth	PID	Well	Graphic	Description/Soil Classification
(Feet)	ррт	Construction	Logs	(Color, Texture, Structures)
				(Reported In Feet Below Grade)
-0- -2-			0'-5' SM 5'-10' SN	. Brown, dry, coarse-to-fine-grained silty sand with gravel and brick fill. No odor or staining noted. A. Brown, moist, medium-to-fine-grained silty sand
-4-				with clay, brick, and black granular fill. No odor or staining noted.
-6-			10'-15' S	M. Brown, moist, coarse-to-fine-grained silty sand with trace gravel and clay. No odor or staining noted.
-8-				
-10-				
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				Enviroscience Consultants. Inc.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Boring No. Screen Dia. Drilling Method Driller Log By	2 Total D Length Direct-Push Techn Land, Air, Water D T. Wall Date Du	<b>epth:</b> 14 ft nology Environmental Serv <b>'illed</b>	Slot Size vices 11/19/03	Notes: Soil samples were collected at 0'-2' and 12'-14'. PID readings were not collected due to rain.
Depth	PID	Well	Graphic	Description/Soil Classification
(Feet)	ppm	Construction	Logs	(Color, Texture, Structures)
				(Reported In Feet Below Grade)
-0-			0	'-5' SM. Brown to black, dry, coarse-to-fine-grained silty sand, and trace gravel. No odor or staining noted.
			5	'-10' SC. Brown, moist, coarse-to-fine-grained silty sand and clay.
-4-				Slight staining noted. No odor noted.
-8-			1	0'-12' SC. Brown, moist, coarse-to-fine-grained sand, clay, and brick fill. No odor or staining noted.
-10-				
-12-				2'-14' CL. Black to gray, moist clay. No odor or staining noted.
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				Enviroscience Consultants. Inc.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Boring No.	<b>3</b> Total D	<b>epth:</b> 17 ft		
Screen Dia.	Length		Slot Size	Notes:
<b>Drilling Method</b>	Direct-Push Techn	nology		Soil samples were collected at 3'-5' and 15'-17'.
Driller	Land, Air, Water I	Environmental Serv	vices	PID readings were not collected due to rain.
Log By	T. Wall Date Dr	·illed	11/19/03	
Depth	PID	Well	Graphic	Description/Soil Classification
(Feet)	ррт	Construction	Logs	(Color, Texture, Structures)
				(Reported In Feet Below Grade)
-0-				0'-2' SM. Concrete fill and dry, silty sand with trace gravel. No odor or staining noted
-2-				2'-3' Black granular fill No odor or staining noted
4				3'-8' SW. Tan, moist, coarse-to-fine-grained sand and clay with trace
-4-				gravel. Odor noted. No staining noted.
-6-				8'-12' CL. Gray, moist, clay and tan sand. No odor or staining noted.
-8-				12'-17' CL. Gray clay and brick fill. Odor noted. No staining noted.
-0-				
-10-				
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				Enviroscience Consultants, Inc.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Boring No. Screen Dia. Drilling Method	4 Total D Length Direct-Push Techn	epth: 12 ft	Slot Size	Notes: Soil samples were collected at 0'-2' and 10'-12'.
Driller	Land, Air, Water I	Environmental Serv	vices	PID readings were not collected due to rain.
Log By	T. Wall Date Dr	rilled	11/19/03	
Depth	PID	Well	Graphic	<b>Description/Soil Classification</b>
(Feet)	ppm	Construction	Logs	(Color, Texture, Structures)
				(Reported In Feet Below Grade)
-0-				0'-2' SW. Gray, moist, coarse-to-fine-grained sand and trace gravel.
-2-			Fill	2'-5' Black, dry, granular fill. No odor or staining noted.
-4-				5'-10' SW. Light brown, moist, coarse-to-fine-grained sand and gravel. No odor or staining noted
-6-				10'-12' SW. Gray to black, wet, coarse-to-fine-grained sand and gravel.
-8-			· · · · · · · · · · ·	Slignt odor noted. No staining noted.
-10-			· · · · · · · · · · ·	
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				ENVIROSCIENCE CONSULTANTS INC.
-48-			L	BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Boring No. Screen Dia. Drilling Method Driller Log By	5 Total D Length Direct-Push Techn Land, Air, Water D T. Wall Date D	epth: 15 ft nology Environmental Serv rilled	Slot Size	Notes: Soil samples were collected at 0'-2' and 11'-13'. PID readings were not collected due to rain.
Depth	PID	Well	Graphic	<b>Description/Soil Classification</b>
(Feet)	ррт	Construction	Logs	(Color, Texture, Structures)
-0-				(Reported in Feet Below Grade)
-2-				3'-5' SC, Tan, moist, coarse-to-fine grained sand and clay, with trace
-4-				black granular fill. No odor or staining noted. 5'-10' CL. Brown moist silty clay with trace sand. No odor or staining
-6-				noted. 10'-15' CL, Black, wet, clay with gravel. Organic odor noted. No staining
-8-				noted.
-10-				
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				ENVIROSCIENCE CONSULTANTS, INC.
-48-			L	Boring Log

Project	57-15 49th Street,	Maspeth, NY		
Boring No.	6 Total D	<b>epth:</b> 14 ft		
Screen Dia.	Length	]	Slot Size	Notes:
Drilling Method	Direct-Push Techi	1010gy Environmental Sem	viaas	Soli samples were not collected at 0-2 and 10-14.
Log Ry	T Wall Date Dr	illed	11/19/03	
Denth	PID	Well	Granhic	Description/Soil Classification
(Feet)	ppm	Construction	Logs	(Color, Texture, Structures)
				(Reported In Feet Below Grade)
-0-				0'-4' SW. Light brown, dry, coarse-to-fine-grained sand and gravel.
-2-				4'-8' GW. Black, dry, granular fill material and gravel. No odor or
-4-				staining noted. 8'-14' Black, moist, grainular fill material. No odor or staining noted.
-6-				
-8-				
-10-			Fill	
-12-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-30-				
40				
-40-				
-42-				
-44-				
-46-				ENVIROSCIENCE CONSULTANTS, INC.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Boring No. Screen Dia. Drilling Method Driller Log By	7 Total D Length Direct-Push Techn Land, Air, Water D T. Wall Date D	epth: 12 ft nology Environmental Serv rilled	Slot Size	Notes: Soil samples were collected at 0'-2' and 10'-12'. PID readings were not collected due to rain. A duplicate sample was collected at 0'-2'.
Depth	PID	Well	Graphic	Description/Soil Classification
(Feet)	ррт	Construction	Logs	(Color, Texture, Structures) (Reported In Feet Below Grade)
-0-				0'-4' SW. Gray to black, dry, coarse-to-fine-grained sand and fill
-2-				material. No odor or staining noted. 4'-8' SW. Light brown, dry, coarse-to-fine-grained sand and gravel.
-4-			· · · · · · · · · ·	No odor or staining noted.
-6-				No odor or staining noted.
-8-				
-10-			· · · · · · · · · · ·	
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				ENVIROSCIENCE CONSULTANTS INC.
-48-				Boring Log

Project	57-15 49th Street,	Maspeth, NY		
Boring No.	8 Total D	<b>epth:</b> 15 ft		
Screen Dia.	Length		Slot Size	Notes:
Drilling Method	Direct-Push Techn	nology		Soil samples were collected at 0'-2' and 13'-15'.
Driller	Land, Air, Water I	Environmental Serv	vices	PID readings were not collected due to rain.
Log Dy Depth		Well	Graphic	Description/Soil Classification
(Feet)	ppm	Construction	Logs	(Color, Texture, Structures)
				(Reported In Feet Below Grade)
-0-				0'-2' SC. Brown, moist, coarse-to-fine-grained silty sand and clay.
-2-				No odor or staining noted. 2'-10' CL. White to brown, dry, silty clay with trace sand and brick fill.
-4-				No odor or staining noted. 10'-15' CL. Brown, wet, silty clay with trace sand. No odor or staining
-6-				noted.
-8-				
-10-				
-12-				
-14-				
-10-				
-18-				
-20-				
-22-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				
10-			l	Enviroscience Consultants, Inc. Boring Log
-48-				

Boring No.     9     Total Depth:     15 /i       Screen Dia.     Length     Stot Size       Drilling Method     Durect-Plash Technology     PID       Tilling Method     Durect-Plash Technology     PID       Depth     PID     Well     Graphic       Q     PiD     Construction     Graphic       Q     Construction     Log Site     Color Texture, Structures)       (Reported In Feed Below Grande)     Construction     0-2*       -0-     Construction     Construction     Color Texture, Structures)       -2-     Construction     Color of staining noted.     No odor or staining noted.       -4     Construction     Color of staining noted.     No odor or staining noted.       -6-     Color of staining noted.     S-10* SM. Black, moist, coarse-to-fine-grained silty sand.       -10-     Color of staining noted.     No odor or staining noted.       -12-     Color of staining noted.     No odor or staining noted.       -14-     Color of staining noted.     No odor or staining noted.       -10-     Color of staining noted.     No odor or staining noted.       -12-     Color of staining noted.     No odor or staining noted.       -24-     Color of staining noted.     S-10* SM. Black, moist, coarse-of-fine-grained silty sand.       -25-	Project	57-15 49th Street,	Maspeth, NY			
Borng No.     y     Total Deptity     12 Jf       Serven Dia.     Length     Stot Size     Notes:       Drilling Method     Direct-Pauk Technology     Stot Size     Soil Samples were collected at 0 <sup>-2</sup> and 13       Drilling Method     Direct-Pauk Technology     11/19/03       Depth     PD     Well     Graphic       10     11/19/03     Construction     Logs       -2-       No odor or staining noted.       -2-          -4-          -6-          -6-          -10-          -12-          -2-          -4-          -6-          -10-          -12-          -14-          -16-          -22-          -24-          -22-	<b>D</b> • • • •					
Site in the interval     Long in the interval     Site in the interval       Drilling Heldo     Direct-Paki Technology     Site interval       Direktedo     Direct-Paki Technology     Site interval       Direktedo     Direct-Paki Technology     Site interval       Depth     Pilling Meldo     Direct-Paki Technology     Site interval       Depth     Pilling Meldo     Direct-Paki Technology     Site interval       Depth     Pilling Meldo     Direct-Paki Technology     Direct-Paki Technology       Depth     Pilling Meldo     Direct-Paki Technology     Direct-Paki Technology       Depth     Pilling Meldo     Direct-Paki Technology     Direct-Paki Technology       O     O     O     O     O       -0     O     O     O     O       -2     O     O     O     O       -4     O     O     O     Site Site Charket Network       -6     O     O     Site Site Charket Network     No odor or staining noted.       -10-     O     O     Site Site Site Nate to the mole site Site Site Nate to the mole site Site Site Site Site to the mole site Site Site Site Site to the mole site Site Site Site Site Site to the mole site Site Site Site Site Site Site Site S	Boring No. Saroon Die	9 Total D	epth: 15 ft	Slot Sizo	Notor	
Driller     Land. Air. Water Environmental Services     PID readings were not collected due to rain.       Ing By     T. Well Date brilled     11/19/03       Depth     PID     Construction     Graphic       10-     Construction     Logs     (Color, Testure, Structures) (Reported In Feet Below Grade)       -2-     -2-     -2-     -2-       -4-     -2-     -2-     -2-       -6-     -2-     -2-     -2-       -10-     -10-     -10-     -10-       -12-     -10-     -10-     -10-       -12-     -14-     -10-     -15-       -10-     -12-     -14-     -16-       -18-     -20-     -2-     -2-       -24-     -2-     -2-       -24-     -2-     -2-       -14-     -16-     -11-       -16-     -12-     -2-       -24-     -20-     -2-       -24-     -2-     -2-       -24-     -2-     -2-       -24-     -2-     -2-       -24-     -2-     -2-       -24-     -2-     -2-       -24-     -2-     -2-       -24-     -2-     -2-       -34-     -2-     -2-	Drilling Method	Direct-Push Tech	nology	Slot Size	Soil samples were collected at 0'-2' a	nd 13'-15'.
Log By         T. Walf         Date Drilled         11/19/03           Depth         PID         Well         Graphic         Description/Soil Classification           -0-	Driller	Land, Air, Water 1	Environmental Serv	vices	PID readings were not collected due to	p rain.
Depth (Peet)     PID ppm     Well Construction     Graphic Logs     Description/Soil Classification (Color, Texture, Structures) (Reported In Feet Relaw Grade)       -0-       0.52° SM. Black, moist, coarse-to-fine-grained saily sail. No odor or staining noted.       -4-       0.52° SC. Black to tim, moist, coarse-to-fine-grained saily sail. No odor or staining noted.       -6-          -8-          -10-          -12-          -14-          -16-          -18-          -22-          -24-          -36-          -38-          -42-	Log By	T. Wall Date Dr	rilled	11/19/03		
(Feet)         ppm         Construction         Logs         (Color, Texture, Structures) (Reported In Feet Black Crade)           -0-         -2-         -3-         No dot or staining noted.         0-2' SM. Black, most, coarse-to-fine-grained silty sand. No dot or staining noted.           -4-         -4-         -4-         -4-         No dot or staining noted.           -6-         -4-         -4-         No dot or staining noted.           -8-         -4-         -4-         No odor or staining noted.           -10-         -4-         -4-         No dot or staining noted.           -112-         -4-         -4-         No dot or staining noted.           -12-         -4-         -4-         No odor or staining noted.           -11-         -11-         -11-         -11-           -12-         -14-         -16-         -18-           -20-         -22-         -24-         -26-           -22-         -24-         -26-         -33-           -30-         -32-         -34-         -40-           -42-         -40-         -42-         -40-         -42-	Depth	PID	Well	Graphic	Description/Soil Classification	
Image: Constraint of the	(Feet)	ppm	Construction	Logs	(Color, Texture, Structures)	
-0-       0-2*       SM. Black, moist, coarse-to-fine-grained sitly sand. No odor or staining noted.         -2-       -2-       -2-         -4-       -2-       -2-         -4-       -2-       -2-         -6-       -2-       -2-         -8-       -10-       -1-         -10-       -1-       -2-         -12-       -4-       -4-         -16-       -18-       -20-         -22-       -24-       -26-         -23-       -34-       -36-         -30-       -32-       -34-         -40-       -42-       -40-					(Reported In Feet Below Grade)	
-2-       No ador or staining noted.         -4-       -6-         -6-       -6-         -8-       -10-         -12-       -14-         -16-       -18-         -20-       -22-         -24-       -26-         -28-       -30-         -32-       -34-         -36-       -38-         -4-       -4-         -4-       -4-         -4-       -4-         -4-       -4-         -10-       -4-         -11-       -4-         -12-       -4-         -14-       -16-         -18-       -20-         -22-       -24-         -26-       -28-         -30-       -32-         -34-       -36-         -38-       -40-         -42-       -42-	-0-				'-2' SM. Black, moist, coarse-to-fine-grained silty sand.	
-4.       No oddor or staining noted.         -6-       S-10' SM. Tan, moist, coarse-to-fine-grained silty sand.         -8-       No oddor or staining noted.         -10-       Image: staining noted.         -12-       Image: staining noted.         -14-       Image: staining noted.         -16-       Image: staining noted.         -18-       Image: staining noted.         -20-       Image: staining noted.         -22-       Image: staining noted.         -24-       Image: staining noted.         -30-       Image: staining noted.         -34-       Image: staining noted.         -34-       Image: staining noted.         -42-       Image: staining noted.	-2-				No odor or staining noted. '-5' SC. Black to tan, moist, coarse-to-fine-grained sand	and clay.
-6-       No odor or staining noted         -8-       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	-4-				No odor or staining noted. '-10' SM. Tan, moist, coarse-to-fine-grained silty sand.	
-8.       No odor or staining noted.         -10.          -12.          -14.          -16.          -18.          -20.          -22.          -24.          -26.          -30.          -32.          -34.          -36.          -38.          -40.          -42.	-6-				No odor or staining noted 0'-15' SM. Brown to black, wet, coarse-to-fine-grained s	silty sand.
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	-8-				No odor or staining noted.	
-12-         -14-         -16-         -18-         -20-         -22-         -24-         -26-         -28-         -30-         -32-         -34-         -36-         -38-         -40-         -42-	-10-					
-14.       -16.         -18.       -20.         -20.       -22.         -24.       -26.         -28.       -30.         -30.       -32.         -34.       -36.         -38.       -38.         -40.       -42.	-12-					
-16-         -18-         -20-         -22-         -24-         -26-         -28-         -30-         -32-         -34-         -36-         -38-         -40-         -42-	-14-					
-18       -20       -22       -24       -26       -28       -30       -32-       -34       -36-       -38-       -40-       -42-	-16-					
-20-       -22-       -24-       -26-       -28-       -30-       -32-       -34-       -36-       -38-       -40-       -42-	-18-					
-22- -24- -26- -28- -30- -32- -34- -36- -38- -40- -42-	-20-					
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	-22-					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	-24-					
-28-       -30-       -32-       -34-       -36-       -38-       -40-       -42-	-26-					
-30- -32- -34- -36- -38- -40- -42-	-28-					
-32- -34- -36- -38- -40- -42-	-30-					
-34- -36- -38- -40- -42-	-32-					
-38- -40- -42-	-34-					
-38- -40- -42-	-30-					
-40- -42-	-38-					
-42-	-40-					
	-42-					
-44-	-44-					
-46- ENVIROSCIENCE CONSULTANTS	-46-				Enviroscience Consult	ANTS. INC.
-48- Boring Log	-48-				BORING LOG	- ,

Project	57-15 49th Street,	Maspeth, NY		
Boring No	10 Total D	enth: 20 ft		
Screen Dia.	Length	<b>cptii:</b> 20 ji	Slot Size	Notes:
Drilling Method	Direct-Push Technology			Soil samples were collected at 0'-2' and 19'-20'.
Driller	Land, Air, Water	Environmental Serv	vices	PID readings were not collected due to rain.
Log By	T. Wall Date D	rilled	11/19/03	
Depth (Feet)	PID	Well Construction	Graphic	Description/Soil Classification (Color Texture Structures)
(rect)	ppm	Construction	Llogs	(Reported In Feet Below Grade)
-0-				0'-2' SM. Brown, dry, coarse-to-fine-grained silty sand and brick fill.
-2-				2'-5' CL. Brown, moist, sandy clay. No odor or staining noted.
-4-				No odor or staining noted.
-6-				15'-20' SM. Tan to gray, wet, coarse-to-fine-grained silty sand. No odor or staining noted.
-8-				
-12-				
-14-				
-16-				
-18-				
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-22-				
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-26-				
-28-				
-30-				
-32-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				
-48-				ENVIROSCIENCE CONSULTANTS, INC. Boring Log

Project	57-15 49th Street,	Maspeth, NY		
Boring No. Screen Dia.	11 Total D Length	Depth: 15 ft	Slot Size	Notes:
Drilling Method	Direct-Push Tech	nology Environmental Sem	nicas	Soli samples were not collected at 0-2 and 12-14.
Log By	T. Wall Date D	rilled	11/19/03	
Depth	PID	Well	Graphic	Description/Soil Classification
(Feet)	ppm	Construction	Logs	(Color, Texture, Structures)
				(Reported In Feet Below Grade)
-0-			0'-5' S	M, Brown to black, dry, coarse-to-fine grained silty sand, and trace soda ash. No odor or staining noted.
-4-			5'-10'	SM, Brown, moist, coarse-to-fine grained silty sand, trace soda ash and brick fill. No odor or staining noted.
-6-			10'-15	SM, Brown, wet, coarse-to-fine grained silty sand. Organic odor noted. No staining noted.
-8-				
-10-				
-12-				
-14-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-38-				
-40-				
-42-				
-44-				
-40-				ENVIROSCIENCE CONSULTANTS, INC. Boring Log
-48-	<u></u>			

Project	57-15 49th Street,	Maspeth, NY		
Boring No. Screen Dia. Drilling Method Driller	12 Total D Length Direct-Push Techn Land, Air, Water H	e <b>epth:</b> 14 ft nology Environmental Serv	Slot Size	Notes: Soil samples were collected at 3'-5' and 12'-14'. PID readings were not collected due to rain.
Log By	T. Wall Date Di	rilled	11/20/03	
Depth	PID	Well	Graphic	Description/Soil Classification
(Feet)	ррт	Construction	Logs	(Color, Texture, Structures) (Reported In Feet Below Grade)
-0-				0'-14' SW. Light brown, wet, coarse-to-fine-grained sand.
-2-				Material was wet throughout due to rain. No odor or staining noted.
-4-				
-6-			· · · · · · · · · · ·	
-8-			· · · · · · · · · · · ·	
-10-				
-12-			· · · · · · · · · · · · · · · · · · ·	_
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-28-				
-30-				
-32-				
-34-				
-38-				
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-40-				
-42-				
-44-				
-46-				Enviroscience Consultants, Inc.
-48-				BORING LOG

	57 15 Trin Sireer,	Maspeth, NY		
Boring No. Screen Dia. Drilling Method Driller Log By	13 Total Do Length Direct-Push Techn Land, Air, Water E T Wall Date Dr	epth: 12 ft ology Environmental Serv	Slot Size ices	Notes: Soil samples were collected at 2'-4' and 10'-12'. PID readings were not collected due to rain.
Denth		Well	Granhie	Description/Soil Classification
(Feet)	nnm	Construction	Logs	(Color Texture Structures)
(1000)	ppm	e onstruction	1050	(Reported In Feet Below Grade)
-0-				0'-4' SW. Gray to light brown, wet, coarse-to-fine-grained sand and
-2-				gravel. No odor or staining noted. 4'-6' SW. Dark brown, moist, coarse-to-fine-grained sand and brick fill.
-4-				No odor or staining noted.
-6-			· · · · · · · · · ·	6'-8' SW. Light brown, moist, coarse-to-fine-grained sand. No odor or staining noted.
-8-				8'-12' SW. Light brown, moist, coarse-to-fine-grained sand and gravel. No odor or staining noted.
-10-			· · · · · · · · · ·	
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				ENVIROSCIENCE CONSULTANTS, INC.
-48-				Boring Log

Project	57-15 49th Street,	Maspeth, NY		
Boring No.	14 Total D	onth. 15 ft		
Screen Dia.	Length	<b>eptn.</b> 15 ji	Slot Size	Notes:
Drilling Method	Direct-Push Tech	nology		Soil samples were collected at 0'-2' and 11'-13'.
Driller	Land, Air, Water I	Environmental Serv	ices	PID readings were not collected due to rain.
Log By	T. Wall Date D	rilled	11/20/03	
Depth	PID	Well	Graphic	Description/Soil Classification
(Feet)	ppm	Construction	Logs	(Color, Texture, Structures) (Penerted In Feet Polew Crede)
				Drawn to block maint course to fine around silty and
-2-			0-10 314.	and trace clay. Organic odor noted.
-4-			10' 15' SM	Proum to block wat occurs to fine grained silty and
-6-			10-13 30	and brick fill. Organic odor noted.
-8-				ivo stanning noteu.
-10-				
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-28-				
-30-				
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-40-				
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-44-				
-46-				ENVIRONCIENCE CONCULTANTE INC.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Boring No	15 Total D	anth: 15 ft		
Screen Dia.	Length	<b>cptii.</b> 15 ji	Slot Size	Notes:
Drilling Method	Direct-Push Tech	nology		Soil samples were collected at 0'-2' and 11'-13'.
Driller	Land, Air, Water	Environmental Serv	vices	PID readings were not collected due to rain.
Log By	T. Wall Date D	rilled	11/20/03	A duplicate sample was collected at 11'-13'.
Depth	PID	Well	Graphic	Description/Soil Classification
(Feet)	ррт	Construction	Logs	(Color, Texture, Structures) (Deported In Fast Palaw Crada)
				(Reported III Feet Below Grade)
-2-				fill. Organic odor noted. No staining noted.
-4-				
-6-				
-8-				
-10-				
-12-				
-14-				
-10-				
-20-				
-22-				
-24-				
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-28-				
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-38-				
-40-				
-42-				
-44-				
-46-			l	ENVIROSCIENCE CONSULTANTS, INC.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Daving No.	16 Total D	anthe 15 ft		
Screen Dia	10 Iotai D Length		Slot Size	Notes:
Drilling Method	Direct-Push Tech	nology	5100 5110	Soil samples were collected at 0'-2' and 11'-13'.
Driller	Land, Air, Water	Environmental Serv	vices	PID readings were not collected due to rain.
Log By	T. Wall Date D	rilled	11/20/03	
Depth	PID	Well	Graphic	Description/Soil Classification
(Feet)	ppm	Construction	Logs	(Color, Texture, Structures)
				(Reported In Feet Below Grade)
-0-			0' to	10' SM. Brown, moist, coarse-to-fine-grained silty sand and trace
-2-			10' to	b 15' Brown, wet, coarse-to-fine-grained silty sand.
-4-				Organic odor noted. No staining noted.
-6-				
-8-				
-10-				
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
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-28-				
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-42-				
-44-				
-46-				
-48-				ENVIROSCIENCE CONSULTANTS, INC. BORING LOG
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Project	57-15 49th Street,	Maspeth, NY		
Boring No. Screen Dia. Drilling Method Driller Log By	17 Total D Length Direct-Push Tech Land, Air, Water D T. Wall Date D	epth: 18 ft nology Environmental Serv rilled	Slot Size vices 11/20/03	Notes: Soil samples were collected at 0'-2' and 16'-18'. PID readings were not collected due to rain.
Depth	PID	Well	Graphic	Description/Soil Classification
(Feet)	ррт	Construction	Logs	(Color, Texture, Structures) (Reported In Feet Below Grade)
-0-			0'-16' SM	Brown to black, dry, coarse-to-fine-grained silty sand and
-2-				trace brick fill. Organic odor noted. No staining noted.
-4-			16'-18' SM	A. Brown to gray, wet, very coarse-to-fine-grained silty sand.
-6-				No odor or stanning noted.
-8-				
-10-				
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
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-40-				
-42-				
-44-				
-46-				ENVIROPORTENCE CONSULTANTS INC.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY			
Boring No.	18 Total D	epth: 9.5 ft			
Screen Dia.	Length		Slot Size	Notes:	
Drilling Method	Direct-Push Tech	nology		Soil samples were not collected at this	
Driller	Land, Air, Water Environmental Services location. Refusal encountered at 9.5 ft.				
Log By	T. Wall Date Di	rilled	11/20/03		
Depth	PID	Well	Graphic	Description/Soil Classification	
(Feet)	ppm	Construction	Logs	(Color, Texture, Structures) (Penerted In Feet Pelew Crade)	
				(Reported in Feet below Grade)	
			0-2	SM. Dark brown, wet, coarse-to-fine-grained sitty sand.	
-2-			2'-4'	SW. Light brown, dry, coarse-to-fine-grained sand.	
-4-				No odor or staining noted.	
			4'-8'	SW. Light brown, dry, coarse-to-fine-grained sand and gravel.	
-6-				No odor or staining noted.	
-8-					
-10-					
-12-					
-14-					
-16-					
19					
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-42-					
-44-					
-46-					
				ENVIROSCIENCE CONSULTANTS, INC. BORING LOG	
-48-				Domito Los	
Project	57-15 49th Street,	Maspeth, NY			
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Poring No.	10 Total D	onth. 12 ft			
Screen Dia	19 Iotal D Length	eptn: 12 ji	Slot Size	Notes:	
Drilling Method	Direct-Push Tech	nology	Slot Size	Soil samples were collected at 2'-4' and 10'-12'.	
Driller	Land, Air, Water	Environmental Serv	vices	PID readings were not collected due to rain.	
Log By	T. Wall Date D	rilled	11/20/03	A duplicate sample was colleccted at 10'-12'.	
Depth	PID	Well	Graphic	Description/Soil Classification	
(Feet)	ppm	Construction	Logs	(Color, Texture, Structures)	
				(Reported In Feet Below Grade)	
-0-				0'-4' SM. Light brown to red, dry, coarse to fine grained silty sand, gravel, and brick fill. No odor or staining noted.	
-4-				4'-8' SW. Brown, dry, coarse-to-fine-grained sand, gravel, and brick fill. No odor or staining noted.	
-6-				8'-10' SW. Light brown, wet, coarse-to-fine-grained sand. No odor or staining noted.	
-8-				10'-12' CL Gray to black, moist, clay and gravel.	
-10-				no out of stanning noted.	
-12-					
-14-					
-16-					
-18-					
-20-					
-22-					
-24-					
-26-					
-28-					
-30-					
-32-					
-34-					
-30-					
-38-					
-40-					
-42-					
-44-					
-46-				Enviroscience Consultants, Inc.	
-48-				BORING LOG	

Boring No.     20     Total Deptis     8 /f       Screen Ibia.     Length     Stot Size     Notes:       Drilling Metchan Discrebult Actionalogy     One soil sample was collected at 0°-2°.       Driller     Land, Air, Water Environmental Services     Refusal was encountered at 8°.       Depth     PID     Construction     Log By       (ref)     PID     Construction     Construction       -0	Project	57-15 49th Street,	Maspeth, NY		
Streen Dia.     Length     Stot Size       Driling Methods     Direct-Nath Technology     One soil sample was collected at 0°-2°.       Driling Methods     Date Deriled     11/2003       Depth     PD     Wett     Graphic       (rect)     ppm     Construction     Logs       0*     0*     0*       -2*     0*     0*       -4*     0*     0*       -4*     0*     0*       -4*     0*     0*       -5*     0*     0*       -10*     0*     0*       -12*     0*     0*       -14*     0*     0*       -2*     0*     0*       -3*     0*     0*       -10*     0*     0*       -12*     0*     0*       -14*     0*     0*       -2*     0*     0*       -2*     0*     0*       -2*     0*     0*       -10*     0*     0*       -2*     0*     0*       -2*     0*     0*       -2*     0*     0*       -2*     0*     0*       -2*     0*     0*       -2*     0*     0*	Boring No.	20 Total D	epth: 8 ft		
Prime     Description Sections       Depth     Differ       10 Biller     T.Well       Depth     PID readings were not collected us to rain.       PID readings were not collecte	Screen Dia.	Length		Slot Size	Notes:
Log By         7. Walf         Date brilled         11/20/03         PID readings were not collected due to rain.           Depth         PID         Well         Graphic         Description/Soli Classification           -0-         Construction         UP.         Vert SW. Brown, dry, coarse-to-fine-grained sund, gravel, and brick fill.           -0-         Construction         UP-         Vert SW. Brown, dry, coarse-to-fine-grained sund, gravel, and brick fill.           -2-         Construction         UP-         Vert SW. Brown, dry, coarse-to-fine-grained sund, gravel, and brick fill.           -4-         Construction         UP-         Vert SW. Brown, dry, coarse-to-fine-grained sund, gravel, and brick fill.           -4-         UP-         UP-         UP-         Vert SW. Brown, dry, coarse-to-fine-grained sund, gravel, and brick fill.           -10-         UP-         UP-         UP-         Vert SW. Brown, dry, coarse-to-fine-grained sund, gravel, and brick fill.           -10-         UP-         UP-         UP-         Vert SW. Brown, dry, coarse-to-fine-grained sund, gravel, and brick fill.           -10-         UP-         UP-         UP-         Vert SW. Brown, dry, coarse-to-fine-grained sund, gravel, and brick fill.           -20-         UP-         UP-         UP-         UP-         UP-           -21-         UP-	Driller	Direct-Push Technology			Refusal was encountered at 8'.
Depth (Petr)         PID ppn         Well Construction         Graphic Logs         Description/Sall Classification (Color, Texture, Structures) (Color, Texture, Structures)           -0.	Log By	T. Wall Date Di	·illed	11/20/03	PID readings were not collected due to rain.
(feet)         ppn         Construction         Logs         (Color: Texture, Structures) (Reported In Feet Below Grade)           -0-	Depth	PID	Well	Graphic	Description/Soil Classification
O         O	(Feet)	ррт	Construction	Logs	(Color, Texture, Structures)
-0       -2       -2       -2       No eddr or staining noted.         -2       -4       -10       No eddr or staining noted.         -6       -8       -10       -12       -14         -16       -18       -20       -22       -24         -24       -26       -22       -24       -26         -25       -30       -32       -34       -36         -34       -36       -38       -44       -46       Enviroscience Consultants, Inc.         -44       -46       Enviroscience Consultants, Inc.       Borino Log       -44					(Reported In Feet Below Grade)
-2-	-0-				0'-4' SW. Brown, dry, coarse-to-fine-grained sand, gravel, and brick fill. No odor or staining noted.
-4-       -6-       -8-       -10-       -12-       -14-       -16-       -18-       -20-       -22-       -24-       -26-       -28-       -30-       -32-       -34-       -36-       -38-       -40-       -42-       -44-       -46-	-2-				
-0-       -8-       -10-       -12-       -14-       -16-       -18-       -20-       -22-       -24-       -26-       -28-       -30-       -32-       -34-       -36-       -38-       -40-       -42-       -44-       -46-	-4-				
-8.         -10.         -12.         -14.         -16.         -18.         -20.         -22.         -24.         -26.         -23.         -30.         -32.         -34.         -36.         -38.         -40.         -42.         -44.         -46.         Enviroscience Consultants, Inc.         BORING LOG	-0-				
-10.         -12.         -14.         -16.         -18.         -20.         -22.         -24.         -26.         -28.         -30.         -32.         -34.         -36.         -38.         -40.         -42.         -44.         -46.         Enviroscience Consultants, Inc.         Boring Log	-8-				
-12-         .14-         .16-         .18-         .20-         .22-         .24-         .26-         .28-         .30-         .32-         .34-         .36-         .38-         .40-         .42-         .44-         .46-         .48-	-10-				
-14. -16. -18. -20. -22. -24. -26. -28. -30. -32. -34. -36. -38. -40. -42. -44. -46. ENVIROSCIENCE CONSULTANTS, INC. BORING LOG	-12-				
-16- -18- -20- -22- -24- -26- -28- -30- -32- -34- -36- -38- -44- -46- Enviroscience Consultants, Inc. BORING LOG	-14-				
-18- -20- -22- -24- -26- -28- -30- -32- -34- -36- -38- -44- -40- -42- -44- -46- Enviroscience Consultants, Inc. Borling Log	-16-				
-20- -22- -24- -24- -26- -28- -30- -32- -34- -36- -38- -38- -40- -42- -44- -46- -48- -48- 	-18-				
-22- -24- -26- -28- -30- -32- -34- -36- -38- -40- -42- -44- -46- -48- -48- 	-20-				
-24- -26- -28- -30- -32- -34- -34- -36- -38- -40- -42- -44- -46- Enviroscience Consultants, Inc. Boring Log	-22-				
-26-         -28-         -30-         -32-         -34-         -36-         -38-         -40-         -42-         -44-         -46-         -48-	-24-				
-28- -30- -32- -34- -36- -38- -40- -42- -44- -46- -48- 	-26-				
-30- -32- -34- -36- -38- -40- -42- -44- -46- -48- -48- -48- -48- -48- -48- -30- -40- -40- -44- -46- -48-	-28-				
-32- -34- -36- -38- -40- -42- -44- -46- -48- -48-	-30-				
-34- -36- -38- -40- -42- -44- -46- -48- -48-	-32-				
-36- -38- -40- -42- -44- -46- -48- -48-	-34-				
-38- -40- -42- -44- -46- -48-	-36-				
-40- -42- -44- -46- -48- ENVIROSCIENCE CONSULTANTS, INC. BORING LOG	-38-				
-42- -44- -46- -48- ENVIROSCIENCE CONSULTANTS, INC. BORING LOG	-40-				
-44- -46- -48- ENVIROSCIENCE CONSULTANTS, INC. BORING LOG	-42-				
-46- -48- Enviroscience Consultants, Inc. Boring Log	-44-				
-48- Boring Log	-46-				ENVIROSCIENCE CONSULTANTS INC.
	-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Boring No.	21 Total D	enth: 10 ft		
Screen Dia.	Length	- <b>F</b>	Slot Size	Notes:
Drilling Method	Direct-Push Techn	nology		Soil samples were collected at 0'-2' and 8'-10'.
Driller	Land, Air, Water I	Environmental Serv	ices	
Log By	T. Wall Date D	rilled	2/11/04	
Depth	PID	Well	Graphic	Description/Soil Classification
(reet)	ррш	Construction	Logs	(Color, Texture, Structures) (Reported In Feet Below Grade)
-0-			0'-5' SM E	Brown to dark brown dry coarse-to-fine-grained silty sand
-2-	0.0		5'-10' SM.	and black granular fill. No odor or staining noted. Brown, moist, coarse-to-fine-grained silty sand, black
-4-				granular fill, and brick fill.
-6-	0.0			No odors of stamming noted.
-8-				
-10-				
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				Enviroscience Consultants, Inc.
-48-				Boring Log

Project	57-15 49th Street,	Maspeth, NY		
Boring No. Screen Dia. Drilling Method Driller Log By Depth	22 Total D Length Direct-Push Techn Land, Air, Water D T. Wall Date D	epth: 10 ft nology Environmental Serv rilled Well	Slot Size vices 2/11/04 Graphic	Notes: Soil samples were collected at 0'-2' and 8'-10'. Description/Soil Classification
(Feet)	ppm	Construction	Logs	(Color, Texture, Structures)
				(Reported In Feet Below Grade)
-0- -2-	0.0		0'-8' SM. 1	Brown, dry, coarse-to-fine-grained silty sand, and trace black granular fill and brick fill. No odor or staining noted.
-4-			8'-10' SM.	Brown, moist, coarse-to-fine-grained silty sand, and trace
-6-				black granualr fill and brick fill. No odor or staining noted.
-8-				
-10-	0.0			
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				Enviroscience Consultants, Inc.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY			
Boring No	23 Total D	onth: 10 ft			
Screen Dia.	2.5 Total D Length	<b>eptn.</b> 10 ji	Slot Size	N	otes:
Drilling Method	Direct-Push Tech	nology		So	bil samples were collected at 0'-2' and 8'-10'.
Driller	Land, Air, Water I	Environmental Serv	vices		
Log By	T. Wall Date Dr	illed	2/11/04		
Depth	PID	Well	Graphic	De	escription/Soil Classification
(Feet)	ррт	Construction	Logs	(R	(Color, Texture, Structures) Reported In Feet Below Grade)
-0-				0'-5' SM. Dark	k brown to brown, moist, coarse-to-fine-grained silty
-2-					sand, black granular fill, and trace brick debris. No odor or staining noted.
-4-	0.0			5'-7' Black, d 7'-10' SM. Bro	ry, granular fill. No odor or staining noted. own, moist, coarse-to-fine-grained silty sand.
-6-	0.0		FILL		No odor or staining noted.
-8-	0.0				
-10-	0.0				
-12-					
-14-					
-16-					
-18-					
-20-					
-22-					
-24-					
-26-					
-28-					
-30-					
-32-					
-34-					
-36-					
-38-					
-40-					
-42-					
-44-					
-46-					Enviroscience Consultants. Inc.
-48-					BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Boring No	24 Total D	onth: 10 ft		
Screen Dia.	24 Iotal D Length	<b>eptii.</b> 10 ji	Slot Size	Notes:
Drilling Method	Direct-Push Tech	nology		Soil samples were collected at 2'-4' and 8'-10'.
Driller	Land, Air, Water	Environmental Serv	vices	
Log By	T. Wall Date D	rilled	2/11/04	
Depth	PID	Well	Graphic	Description/Soil Classification
(rect)	ppm	Construction	Logs	(Reported In Feet Below Grade)
-0-				0'-3' SM. Brown to dark brown, moist, coarse-to-fine-grained silty
-2-	0.0			sand and trace concrete fill. Odor noted. No staining noted.
-4-			FILL	3'-5' Black, dry, granular fill. No odor or staining noted.
-6-	0.0			sand, and trace fill. No odor or staining noted.
-8-				
-10-	0.0			
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				Enviroscience Consultants, Inc.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Boring No.	2.5 Total D	enth: 10 ft		
Screen Dia.	Length	T S	Slot Size	Notes:
Drilling Method	Direct-Push Techn	nology		Soil samples were collected at 0'-2' and 5'-10'.
Driller Log By	Land, Air, Water I	Environmental Serv rillod	vices $2/11/04$	
Denth	PID	Well	Granhic	Description/Soil Classification
(Feet)	ppm	Construction	Logs	(Color, Texture, Structures)
				(Reported In Feet Below Grade)
-0-				0'-4' SM. Brown, moist, coarse-to-fine-grained silty sand.
-2-				No odor or staining noted. 4'-5' Black, dry, granular fill. No odor or staining noted.
-4-	0.0		FILL	5'-10' SM. Tan to brown, coarse-to-fine-grained silty sand and trace black granualr fill. No odor or staining noted.
-6-	0.0			
-8-				
-10-	0.0			
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				ENVIROSCIENCE CONSULTANTS, INC.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Boring No	26 Total D	10 ft		
Screen Dia.	20 Iotal D Length	<b>eptii.</b> 10 ji	Slot Size	Notes:
Drilling Method	Direct-Push Tech	nology		Soil samples were collected at 1'-3' and 8'-10'.
Driller	Land, Air, Water I	Environmental Serv	vices	
Log By	T. Wall Date D	rilled	2/11/04	
Depth	PID	Well	Graphic	Description/Soil Classification
(Feet)	ррт	Construction	Logs	(Color, 1 exture, Structures) (Reported In Feet Below Grade)
-0-				0'-7' SM Brown moist coarse-to-fine-grained silty sand
-2-				and fill with trace gravel. No odor or staining noted. 7'-10' SM. Brown, moist, fine-grained silty sand and fill with trace
-4-				gravel. Aged petroleum odor and staining noted.
-6-	0.0			
-8-				
-10-	0.0			
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				ENVIROSCIENCE CONSULTANTS, INC.
-48-				Boring Log

Project	57-15 49th Street,	Maspeth, NY		
Boring No. Screen Dia.	27 Total D Length	<b>epth:</b> 10 ft	Slot Size	Notes:
Drilling Method	Direct-Push Tech	nology		Soil samples were collected at 1' to 3' and 8'-10'.
Driller	Land, Air, Water	Environmental Serv	vices	
Log By	T. Wall Date D	rilled	2/11/04	
Depth (Feet)	PID	Well Construction	Graphic	Color Texture Structures)
	ppm	Construction	Lugs	(Reported In Feet Below Grade)
-0-				0' to 10' SM. Brown, moist, fine-grained silty sand and fill.
-2-				No odors or staining noted.
-4-				
-6-				
-8-				
-10-	0.0			
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				Enviroscience Consultants, Inc.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Boring No.	28 Total D	enth: 10 ft		
Screen Dia.	Length		Slot Size	Notes:
Drilling Method	Direct-Push Tech	nology		Soil samples were collected at 3'-5' and 8'-10'.
Driller	Land, Air, Water	Environmental Serv	vices	
Log By	T. Wall Date D	rilled	2/11/04	
(Feet)	PID	w ell Construction	Graphic	Description/Soil Classification (Color, Texture, Structures)
	PP	e on ser denom	2 °g°	(Reported In Feet Below Grade)
-0-				0'-5' SM. Brown, moist, coarse-to-fine-grained sand and trace black
-2-				granular fill and concrete. Odor noted. No staining noted.
-4-	0.0			5'-10' SM. Brown, moist, coarse-to-fine-grained silty sand and trace concrete. No odor or staining noted.
-6-				
-8-				
-10-	0.0			
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				Enviroscience Consultants, Inc.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY		
Boring No.	29 Total D	enth: 10 ft		
Screen Dia.	Length	<b>cptii.</b> 10 jt	Slot Size	Notes:
Drilling Method	Direct-Push Techn	nology		Soil samples were collected at 0'-2' and 8'-10'.
Driller	Land, Air, Water	Environmental Serv	vices	
Log By	T. Wall Date Di	rilled	2/11/04	Description/Soil Classification
(Feet)	ppm	Construction	Logs	(Color, Texture, Structures)
				(Reported In Feet Below Grade)
-0-				0' to 10' SM. Tan to black, moist, coarse-to-fine-grained silty sand and
-2-				trace brick and concrete fill. No odor or staining noted.
-4-				
-6-				
-8-				
-10-	0.0			
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				ENVIROSCIENCE CONSULTANTS, INC.
-48-				Boring Log

Project	57-15 49th Street,	Maspeth, NY		
Boring No	30 Total D	onth: 10 ft		
Screen Dia.	Length	<b>eptn.</b> 10 ji	Slot Size	Notes:
Drilling Method	Direct-Push Tech	nology		Soil samples were collected at 2'-3' and 8'-10'.
Driller	Land, Air, Water I	Environmental Serv	vices	
Log By	T. Wall Date D	rilled	2/11/04	
Depth (Feet)	PID	Well	Graphic	Description/Soil Classification
(rect)	ppm	Construction	Logs	(Reported In Feet Below Grade)
-0-				0'-5' SM. Brown, moist, fine-grained silty sand and concrete fill
-2-				with trace gravel. Odor and staining noted. 5'-10' SM. Brown, moist, fine-grained silty sand and concrete fill.
-4-	0.0			No odor or staining noted.
-6-				
-8-				
-10-	0.0			
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				Enviroscience Consultants, Inc.
-48-				Boring Log

Project	57-15 49th Street,	Maspeth, NY		
Boring No	31 Total D	anth: 10 ft		
Screen Dia.	Length	eptn. 10 ji	Slot Size	Notes:
Drilling Method	Direct-Push Tech	nology		Soil samples were collected at 2'-4' and 8'-10'.
Driller	Land, Air, Water I	Environmental Serv	vices	Two duplicate samples were collected at 2'-4' and
Log By	T. Wall Date D	rilled	2/11/04	8'-10'.
Depth (Feet)	PID	Well	Graphic	Description/Soil Classification (Color Texture Structures)
(rect)	ppm	Construction	Loga	(Reported In Feet Below Grade)
-0-				0'-5' SM. Brown to black, moist, coarse-to-fine-grained silty sand
-2-				Organic odor noted. No staining noted. 5'-10' SM. Brown to black, moist, coarse-to-fine-grained silty sand
-4-	0.0			and trace fill. No odor or staining noted.
-6-				
-8-				
-10-	0.0			
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				Enviroscience Consultants, Inc.
-48-				BORING LOG

Project	57-15 49th Street,	Maspeth, NY			
Well No	DW-1 Total D	enth 30 feet			
Screen Dia.	2 in Length	10 ft	Slot Size	0.01	
Drilling Method	Hollow stem auge	r		0.01	Notes:
Driller:	Land Air Water E	nvironmental Servic	es, Inc.		No soil samples were collected from DW-1.
Log By	T. Wall Date D	rilled	11/19/0	)3	
Depth	PID	Well	Graphic		Description/Soil Classification
(Feet)	(ppm)	Construction	Logs		(Color, Texture, Structures)
					(Reported In Feet Below Grade)
-2-		Grout		0 - 30 SM	Brown, moist, fine-grained silty sand, black granular material, and trace gravel.
-4-					No odor or staining noted.
-6-					
-8-					
-10-					
-12-					
-16-					
-18-					
-20-		àravel			
-22-					
-24-					
-26-					
-28-					
-30-				-	
-32-					
-34-					
-36-					
-38-					
-40-					
-42-					
-44-					
-46-					
-48-					Enviroscience Consultants, Inc.
-50-					Boring Log

Project	57-15 49th Street,	Maspeth, NY			
Well No	DW-2 Total D	$\mathbf{anth}  30 \ ft$			
Screen Dia.	2 in Length	10 ft	Slot Size	0.01	
Drilling Method	Hollow stem auge	r			Notes:
Driller:	Land Air Water E	nvironmental Servic	es, Inc.		No soil samples were collected from DW-2
Log By	T. Wall Date D	rilled	11/20/0	3	
Depth	PID	Well	Graphic		Description/Soil Classification
(Feet)	(ppm)	Construction	Logs		(Color, Texture, Structures) (Reported In Feet Below Grade)
-2-		G		0 - 30 SM	Brown, moist, fine-grained silty sand, black granular
-4-		out			material, and trace gravel. No odor or staining noted.
-6-		Back			
-8-					
-10-		Bent			
-12-		tonite			
-14-					
-16-					
-18-					
-20-		ravel			
-24-					
-26-					
-28-					
-30-					
-32-					
-34-					
-36-					
-38-					
-40-					
-42-					
-44-					
-46-					
-48-					Enviroscience Consultants, Inc.
-50-					Boring Log

Project	57-15 49th Street,	Maspeth, NY			
Well No	MW-5 Total D	anth: $20 ft$			
Screen Dia.	2in Length	10ft	Slot Size	0.01	Notes:
Drilling Method	Hollow Stem Auge	r			Soil samples were collected at 2'-4' and 10'-12'.
Driller	Land, Air, Water	Environmental Serv	vices		PID readings were not collected due to rain.
Log By	T. Wall Date D	rilled	11/19/03		
Depth	PID	Well	Graphic		Description/Soil Classification
(Feet)	ррт	Construction	Logs		(Color, Texture, Structures) (Reported In Feet Below Grade)
-0-		0		0' to 12' S	M Brown wet coarse-to-fine-grained silty sand
-2-		irout			Slight odor noted at 2'-4'. No staining noted.
-4-		Backfill			
-6-		"Ø Ø			
-8-					
-10-					
-12-		Weil .		-	
-14-		Grav			
-16-					
-18-					
-20-			-		
-22-					
-24-					
-26-					
-28-					
-30-					
-32-					
-34-					
-36-					
-38-					
-40-					
-42-					
-44-					
-46-					ENVIROSCIENCE CONSULTANTS INC
-48-			L	-	Boring Log

Project	57-15 49th Street,	Maspeth, NY			
Well No.	MW-6 Total D	enth: 20 ft			
Screen Dia.	2in Length	10ft	Slot Size	0.01	Notes:
Drilling Method	Hollow Stem Auge	r			Soil samples were collected at 0'-2' and 10'-12'.
Driller	Land, Air, Water I	Environmental Serv	vices		PID readings were not collected due to rain.
Log By	T. Wall Date D	rilled	11/20/03		
Depth	PID	Well	Graphic		Description/Soil Classification
(Feet)	ррт	Construction	Logs		(Color, Texture, Structures) (Reported In Feet Below Grade)
-0-		0		0' to 12' SI	M. Brown to black, moist, coarse-to-fine-grained sand
-2-		irout		Hit refusal	No odor or staining noted.
-4-				int retusur	ut 12 .
-6-		ackfill			
-8-		Bent			
-10-					
-12-					
-14-					
-16-		avel			
-18-					
-20-			-		
-22-					
-24-					
-26-					
-28-					
-30-					
-32-					
-34-					
-36-					
-38-					
-40-					
-42-					
-44-					
-46-					ENVIROSCIENCE CONSULTANTS. INC.
-48-					BORING LOG

Project	57-15 49th Street,	Maspeth, NY			
Well No	MW-7 Total D	enth: 20 ft			
Screen Dia.	2in Length	10ft	Slot Size	0.01	Notes:
Drilling Method	Hollow Stem Auge	r			Soil samples were collected at 8'-10' and 10'-12'.
Driller	Land, Air, Water	Environmental Serv	vices		PID readings were not collected due to rain.
Log By	T. Wall Date D	rilled	11/19/03		
Depth	PID	Well Construction	Graphic		Description/Soil Classification
(rect)	ppm	Construction	Logs		(Reported In Feet Below Grade)
-0-		G		0' to 12' SN	M. Brown, wet, coarse-to-fine-grained silty sand.
-2-		rout			Strong odor noted at 8'10'. No staining noted.
-4-					
-6-					
-8-		Bentc			
-10-					
-12-				-	
-14-					
-16-					
-18-					
-20-					
-22-					
-24-					
-26-					
-28-					
-30-					
-32-					
-34-					
-36-					
-38-					
-40-					
-42-					
-44-					
-46-					ENVIROSCIENCE CONSULTANTS. INC.
-48-					BORING LOG

Project	57-15 49th Street,	Maspeth, NY			
Well No.	MW-8 Total D	enth: 20 ft			
Screen Dia.	2in Length	10ft	Slot Size	0.01	Notes:
Drilling Method	Hollow Stem Auge	r			Soil samples were collected at 0'-2' and 10'-12'.
Driller	Land, Air, Water	Environmental Serv	vices		PID readings were not collected due to rain.
Log By	T. Wall Date D	rilled	11/19/03		
Depth	PID	Well	Graphic		Description/Soil Classification
(reet)	ppm	Construction	Logs		(Reported In Feet Below Grade)
-0-		G		0'-8' SM. H	Black, moist, coarse-to-fine-grained silty sand with trace
-2-		rout		8'-10' SM	gravel and fill. No odor or staining noted. Brown, moist, coarse-to-fine-grained silty sand.
-4-		Backfi		10'-12' CL.	No odor or staining noted. Black, moist, silty clay with trace sand.
-6-					Organic odor noted. No staining noted.
-8-		entonit			
-10-		©			
-12-		Well			
-14-		Grave			
-16-					
-18-					
-20-					
-22-					
-24-					
-26-					
-28-					
-30-					
-32-					
-34-					
-36-					
-38-					
-40-					
-42-					
-44-					
-46-					ENVIROSCIENCE CONSULTANTS, INC.
-48-					Boring Log

Project	57-15 49th Street,	Maspeth, NY			
Well No.	MW-9 Total D	enth: 20 ft			
Screen Dia.	2in Length	10ft	Slot Size	0.01	Notes:
Drilling Method	Direct-Push Tech	nology			Soil samples were collected at 0'-2' and 10'-12'.
Driller	Land, Air, Water	Environmental Serv	vices		PID readings were not collected due to rain.
Log By	T. Wall Date Di	rilled	11/19/03		
(Feet)	ppm	Construction	Logs		(Color, Texture, Structures)
				1	(Reported In Feet Below Grade)
-0-		Gr	0'-	)'-8' SM. B	lack, moist, coarse-to-fine-grained silty sand.
-2-			8'.	s'-12' SM T	No odor or staining noted. Fan, moist, coarse-to-fine-grained silty sand.
-4-		Backfill			No odor or staining noted.
-6-		<b>₽</b> 0			
-8-		intonite			
-10-					
-12-					
-14-					
-16-					
-18-					
-20-					
-22-					
-24-					
-26-					
-28-					
-30-					
-32-					
-34-					
-36-					
-38-					
-40-					
-42-					
-44-					
-46-					ENVIROSCIENCE CONSULTANTS. INC.
-48-					Boring Log

Project	57-15 49th Street,	Maspeth, NY			
Well No.	MW-10 Total D	<b>epth:</b> 20 ft			
Screen Dia.	2in Length	10ft	Slot Size	0.01	Notes:
Drilling Method	Hollow Stem Auge	r F			Soil samples were collected at 0'-2' and 12'-14'.
Driller Log By	Land, Air, Water I T Wall Date D	Environmental Serv rilled	vices 3/17/04		
Depth	PID	Well	Graphic		Description/Soil Classification
(Feet)	ppm	Construction	Logs		(Color, Texture, Structures)
					(Reported In Feet Below Grade)
-0-		Grout		0'-6' SM. E	Black to brown, moist, coarse-to-fine-grained silty sand with trace gravel. Organic odor noted.
-4-		Ba D		6'-14' CL H	Brown, very moist, silty clay with trace sand.
-6-	0.0				No odor or staining noted.
-8-					
-10-		tonite			
-12-					
-14-	0.0				
-16-					
-18-					
-20-					
-22-					
-24-					
-26-					
-28-					
-30-					
-32-					
-34-					
-36-					
-38-					
-40-					
-42-					
-44-					
-46-					Enviroscience Consultants. Inc.
-48-					BORING LOG

Project	57-1549th Street,	Maspeth, NY			
Well No	MW-11 Total D	enth: 20 ft			
Screen Dia.	2 in Length	20 ft	Slot Size	0.01	Notes:
Drilling Method	Hollow Stem Auge	r			Soil samples were collected at 0'-2' and 10'-12'.
Driller	Land, Air, Water	Environmental Serv	vices		
Log By T. Wall	Date Di	rilled	3/17/04	1	
Depth	PID	Well	Graphic		Description/Soil Classification
(Feet)	ppm	Construction	Logs		(Color, Texture, Structures) (Reported In Feet Below Grade)
-0-				0'-4' SM B	Reported in Feet below Grade)
-2-		àrout		4'-12' CL F	with trace gravel. No odor or staining noted. Brown Moist Silty clay and sand
-4-	0.0				No odor or staining noted.
-6-					
-8-		Bent			
-10-					
-12-	0.0				
-14-					
-16-					
-18-					
-20-					
-22-					
-24-					
-26-					
-28-					
-30-					
-32-					
-34-					
_38_					
40					
-40-					
-42-					
-44-					
-46-					Enviroscience Consultants, Inc.
-48-					Boring Log

Project	57-15 49th Street,	Maspeth, NY			
Well No.	MW-13 Total D	enth: 20 ft			
Screen Dia.	2in Length	10ft	Slot Size	0.01	Notes:
Drilling Method	Hollow Stem Auge	r			Soil samples were collected at 0'-2' and 10'-12'.
Driller	Land, Air, Water	Environmental Serv	vices		
Log By	T. Wall Date D	rilled	3/17/04		
Depth (Feet)	PID	Well Construction	Graphic		Color Texture Structures)
(rect)	ppm	Constituction	Loga		(Reported In Feet Below Grade)
-0-		G		0'-4' SM. H	Black, moist, coarse-to-fine-grained silty sand.
-2-				4'-12' CL F	Organic odor noted. No staining noted. Black, wet, sandy clay.
-4-	0.0	ackfill			Organic odor noted. No staining noted.
-6-		Bent			
-8-		onite			
-10-					
-12-	0.0				
-14-					
-16-					
-18-					
-20-					
-22-					
-24-					
-26-					
-28-					
-30-					
-32-					
-34-					
-36-					
-38-					
-40-					
-42-					
-44-					
-46-					ENVIROSCIENCE CONSULTANTS. INC.
-48-				-	Boring Log

Project	57-15 49th Street,	Maspeth, NY			
Well No	MW 14D Total D	anth 20 A			
Screen Dia.	2 in Length	<b>10</b> ft	Slot Size	0.01	
Drilling Method	Hollow stem auge	r	Slot Sile	0.01	Notes: Soil samples were not collected at this
Driller	Land, Air, Water H	Environmental Servi	ces, Inc.		location. Samples for TP-6 are representative of
Log By	T. Wall Date D	rilled 4/6/04	4		this location.
Depth	PID	Well	Graphic		Description/Soil Classification
(Feet)	(ppm)	Construction	Logs		(Color, Texture, Structures) (Reported In Feet Below Grade)
-2-				0 - 30 SM	Brown moist fine-grained silty sand black granular
-4-		àrout		0 00 000	material, and trace gravel.
-6-		Bach			
-8-		°∥∥			
-10-		" 🏼 🖉			
-12-		ntonite			
-14-					
-16-					
-18-		avel .			
-20-					
-22-					
-24-					
-28-					
-30-					
-32-				-	
-34-					
-36-					
-38-					
-40-					
-42-					
-44-					
-46-					
-48-					ENVIROSCIENCE CONSULTANTS. INC.
-50-					BORING LOG

Project	57-15 49th Street,	Maspeth, NY				
Well No	MW-145 Total D	enth 20 ft				
Screen Dia.	2 in Length	20 ft 10 ft	Slot Size	0.01		
Drilling Method	Hollow stem auge	r			Notes: Soil samples were not collected at this	
Driller	Land, Air, Water I	Environmental Serv	ices, Inc.		location. Samples for TP-6 are representative of	
Log By	T. Wall Date D	rilled 4/6/0	4		this location.	
Depth	PID	Well	Graphic		Description/Soil Classification	
(reet)	(ppm)	Construction	Logs		(Reported In Feet Below Grade)	
-2-				0 - 20 SM	Black granular material and brown, moist, coarse-to-fine	
-4-		arout			grained silty sand and trace gravel. No odor or staining noted.	
-6-		Backfill				
-8-		<b>₽</b> 0 0				
-10-		ntonite				
-12-						
-14-						
-16-		ravel				
-18-						
-20-				-		
-22-						
-24-						
-26-						
-28-						
-30-						
-32-						
-34-						
-30-						
-30-						
-40-						
-42-						
-44-						
-46-						
-48-					Enviroscience Consultants, Inc.	
-50-					BORING LOG	

Project	57-15 49th Street,	Maspeth, NY				
Well No.	MW-15 Total D	epth 20 ft				
Screen Dia.	2 in Length	10 ft	Slot Size	0.01	Notor	
Driller	Land. Air. Water 1	r Environmental Serv	ices. Inc.		Soil samples were collected at 0'-2' and 10'-12'.	
Log By	T. Wall Date D	rilled 4/6/0	4			
Depth	PID	Well	Graphic	-	Description/Soil Classification	
(Feet)	(ppm)	Construction	Logs		(Color, Texture, Structures)	
				0' 6' SM To	(Reported in Feet Below Grade)	
-4-		Grout		6'-10' SM T	No odor or staining noted. Yan, silty sand, coarse to fine grained, moist.	
-6-	0.0	Backfil		10' 12' SM 1	No odor or staining noted.	
-8-	0.0			10-12 3101	No odor or staining noted.	
-10-		Intonita		-		
-12-	0.0			-		
-14-		Well				
-16-		Gravel				
-18-						
-20-						
-22-						
-24-						
-26-						
-28-						
-30-						
-32-						
-34-						
-36-						
-38-						
-40-						
-42-						
-44-						
-46-						
-48-					ENVIROSCIENCE CONSULTANTS. INC.	
-50-				1	Boring Log	

Appendix B Data Usability Summary Report

Enviroscience Consultants, Inc.

April 21, 2004

### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

#### Re: Data Validation Summary for York Project No. 03110576

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very truly yours,

Robert Q. Bradley Managing Director

cc: R. August

#### York Project No. 03110576

This project consisted of twenty one (21) soil samples. Parameters for the samples requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (total and dissolved) (6010 and 7471).

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No sample dilutions were necessary with the exception of sample MW-7B which was run at a 10x dilution due to matrix.

<u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits. It is noted that sample SB-5A required a 25x dilution due to target compound levels. Due to this fact, the surrogates were diluted out.

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

Certain samples required dilutions for analysis due to matrix interference and/or target compound levels. These samples were SB-1A(5x), SB-2A(2x), SB-3A(2x), SB-4B(2x), MW-7B(5x), SB-5A(25x), SB-6A(5x), SB-7A(5x), SB-7C(2x), SB-8A(2x), and SB-10A(5x).

<u>Pesticides/PCB</u>-GC Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

All samples for pesticides were run at 10x due to matrix.

Metals- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Ca, Mn, Fe, Mg, and Na in CCBs 5, 6, 7, 8and 9. The data are not affected. The data for these elements may be qualified with a B flag.

CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batch 1202C showed slight detections of Fe, Al and Na. No further action is necessary.

All samples exhibited target metals within the linear range of the ICP. Certain samples required dilution to the presence of Ca, Na and Fe.

Serial dilutions recovered within method limits

All ending QC (CCV, CCB, CRI, ICSA, and ICSAB) were within criteria except for slight detection of Na and Ca seen in the ending QC sequence due to carryover from the previous sample. The data are not affected. These elements may be qualified with a B flag.

Mercury- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form VOLATILES

Date: <u>03/23/04</u> Review Performed By: <u>St</u>C<sup>1</sup>

QB File IDs <u>QBV3112503A - A</u> QB File IDs<u>(08V3112503A - A</u> QB File IDs<u>(08V3112503A - B</u> 
 Project No.
 03/10576 - 01
 QB File IDs
 QBV3112503 B-A

 Client:
 Environment
 QB File IDs
 QB V3112503 B-A

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	V3C49A/B		
	BFB Criteria	У/У	
	%RSD Avg	$\gamma/\gamma$	
	CCC RSD	Y/Y	
	SPCC Rf	$\frac{1}{\sqrt{2}}$	
Continuing Calibration	V55845 V55879 V55846 V55880	1	
	% Diff CCC	¥/Y/Y/Y	
	SPCC Rf	Y/Y/Y/Y	
BFB Criteria		Y/Y/Y/Y	
Method Blank		Ý/ y/ y/ ý	
Laboratory Control (LCS)			
MS/MSD	576-19	$\sqrt{\sqrt{\sqrt{2}}}$	
Sample Data		$\gamma'$	
	Internal Standards	$\checkmark$	
	Surrogate Recoveries	$\bigvee$	
	Linear ranges	ý X	MW-78 at IOX due to
			matrix interference

Additional Comments: \_

### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

## **VOLATILES**

Date: <u>03/23/04</u> Project No.: <u>03110576</u>

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Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
SB-1A	03110576-01	V55855.D	>	>	no
SB-1B	03110576-02	V55856.D	~	~	no
SB-2A	03110576-03	V55857.D	>	>	no
SB-2B	03110576-04	V55858.D	>	>	no
MW-6A	03110576-05	V55859.D	>	>	no
SB-3A	03110576-06	V55860.D	~	<b>&gt;</b>	no
SB-3B	03110576-07	V55861.D	~	~	no
SB-4A	03110576-08	V55862.D	~	~	no
SB-4B	03110576-09	V55863.D	>	<b>,</b>	no
MW-7A	03110576-10	V55864.D	~	~	no
MW-7B	03110576-11	V55902.D	>	~	10X
SB-5A	03110576-12	V55905.D	<b>&gt;</b>	~	no
SB-5B	03110576-13	V55867.D	~	~	no
SB-6A	03110576-14	V55868.D	~	v	no
SB-6B	03110576-15	V55869.D	>	¥	no
SB-7A	03110576-16	V55870.D	~	~	no
SB-7B	03110576-17	V55871.D	*	~	no
SB-7C	03110576-18	V55872.D	~	~	no
SB-8A	03110576-19	V55873.D	~	~	no
SB-8B	03110576-20	V55874.D	~	~	no
SB-10A	03110576-21	V55876.D	✓	<ul> <li>Image: A start of the start of</li></ul>	no

Comments: Sample MW-7B has a 10X dilution due to matrix interference.

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>SEMI-VOLATILES</u>

Date: 03/23/04

Review Performed By: <u>SU</u> Project No. <u>03110576</u> Client: ENVIROSCIENCE QB File IDs <u>QBSV1120203A</u> QB File IDs <u>QBSV1120303A</u> QB File IDs <u>QBSV1120503A</u> QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	TCLBNA31		
	DFTPP Criteria	Y	
	%RSD Avg	Ý	
	CCC RSD	X	
	SPCC Rf	ý –	
Continuing Calibration	EX7399 EX7439 EX7519		
	% Diff CCC	$\sqrt{\sqrt{y}}$	
	SPCC Rf	V/V/V	
DFTPP Criteria		V/V/V	
Method Blank			
Laboratory Control (LCS)		$\checkmark$	
MS/MSD		$\sim$	
Sample Data		/	
	Internal Standards	$\checkmark$	
	Surrogate Recoveries	ô	SB-5A Diluted out
	Linear ranges	VXK	
Additional Comments: <u>Wt</u>	K Samples	SB-IA, SE	3-2A, 5B-3A, 1018-7
<8.14 <8-	ICISASA I	Dere dill	HER CLUE IT

matrix interference. Samples SB-4B, SB-5A, SB-6A and SBIOA were cultured due to high target hits

### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

## SEMI-VOLATILES

Date: 03/23/04 Project No.: 03110578

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
SB-1A	03110576-01	EX7403.D	<b>v</b>	<b>v</b>	5X-matrix
SB-1B	03110576-02	EX7404.D	<b>v</b>	~	no
SB-2A	03110576-03	EX7405.D	<b>v</b>	<b>v</b>	2X-matrix
SB-2B	03110576-04	EX7406.D	>	>	no
MW-6A	03110576-05	EX7440.D	>	~	no
SB-3A	03110576-06	EX7408.D	~	>	2X-matrix
SB-3B	03110576-07	EX7441.D	~	~	no
SB-4A	03110576-08	EX7410.D	~	~	no
SB-4B	03110576-09	EX7411.D	~	>	2X-targets
MW-7A	03110576-10	EX7412.D	~	~	no
MW-7B	03110576-11	EX7413.D	~	~	5X-matrix
SB-5A	03110576-12	EX7442.D	~	Diluted out	25X-targets
SB-5B	03110576-13	EX7415.D	~	~	no
SB-6A	03110576-14	EX7416.D	~	~	5X-targets
SB-6B	03110576-15	EX7417.D	~	~	no
SB-7A	03110576-16	EX7418.D	~	~	5X-matrix
SB-7B	03110576-17	EX7419.D	~	~	no
SB-7C	03110576-18	EX7420.D	~	¥	2X-matrix
SB-8A	03110576-19	EX7520.D	~	~	2X-matrix
SB-8B	03110576-20	EX7421.D	¥	~	no
SB-10A	03110576-21	EX7446.D	¥	~	5X-targets

Comments:

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>PESTICIDES</u>

129/04 Date:\_03 Review Performed By: 8/1) \_\_\_\_\_ Project No. 03110576 Client: ENVLVOSCIENCE

QB File IDs_	QBP120203A
QB File IDs_	QBP120903A
QB File IDs_	
QB File IDs	

QA/QC CI	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PCB-1118/PCB-120	4	
	DDT/Endrin Bkdwn.	NA/NA	
	%RSD	$\vee$	
		/ /	
Continuing Calibration	PCB_001		
	DDT/Endrin Bkdwn.	NA	
	% Difference	У/	
Method Blank		.,	
Laboratory Control (LCS)			
MS/MSD			
Sample Data		У	
	Surrogate Recoveries	ý	
	Linear ranges	$\checkmark$	

Additional Comments: \_

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## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>PESTICIDES</u> RCB

Date: <u>03</u>/29 Review Performed By:\_ SU) Project No. 08/ 031105 76 Client: Envir OSCI once.

QB File IDs_	QBP1202Q3
QB File IDs_	QBP120403
QB File IDs_	
QB File IDs	

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	Pest 1201/Pest 120	ц	
	, DDT/Endrin Bkdwn.	$\gamma / \gamma$	A
	%RSD	V/V	
		,,,,,	
Continuing Calibration		1.0	
	DDT/Endrin Bkdwn.	ΥN	
	% Difference	414	
Method Blank		.,,	
Laboratory Control (LCS)			
MS/MSD			
Sample Data		$\bigvee$	
	Surrogate Recoveries		
	Linear ranges	$\checkmark$	

Additional Comments:

### PESTICIDE/PCB

Date: <u>03/23/04</u> Project No.: 03110576

Client Sample ID	York Sample ID	Data File	Surrogates	Dilution*
SB-1A	03110576-01	PEST_020/PCB_004	>	no
SB-1B	03110576-02	PEST_010/PCB_005	>	no
SB-2A	03110576-03	PEST_022/PCB_006	~	no
SB-2B	03110576-04	PEST_023/PCB_007	>	no
MW-6A	03110576-05	PEST_024/PCB_008	>	no
SB-3A	03110576-06	PEST_025/PCB_009	~	no
SB-3B	03110576-07	PEST_026/PCB_010	<	no
SB-4A	03110576-08	PEST_029/PCB_011	>	no
SB-4B	03110576-09	PEST_030/PCB_012	>	no
MW-7A	03110576-10	PEST_031/PCB_013	>	no
MW-7B	03110576-11	PEST_032/PCB_004	~	no
SB-5A	03110576-12	PEST_033/PCB_005	<	no
SB-5B	03110576-13	PEST_034/PCB_006	>	no
SB-6A	03110576-14	PEST_035/PCB-007	>	no
SB-6B	03110576-15	PEST_036/PCB_008	>	no
SB-7A	03110576-16	PEST_037/PCB_009	~	no
SB-7B	03110576-17	PEST_038/PCB_010	>	no
SB-7C	03110576-18	PEST_040/PCB_011	~	no
SB-8A	03110576-19	PEST_041/PCB_012	~	no
SB-8B	03110576-20	PEST_044/PCB_013	~	no
SB-10A	03110576-21	PEST_045/PCB_015	~	no

Comments: \* = Pesticides soils are run at a 10x dilution, but the MDL is not effected. PCB soils are run straight.

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## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>METALS (No Hg)</u>

Date: <u>03/a41/04</u>	QB File IDs QBI 120203A
Review Performed By: <u>SW</u>	QB File IDs
Project No. 03110576	QB File IDs
Client: <u>Enviroscience</u>	QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration			
	ICV	Y	
	ICB	N*	Na+Ca values above MiD
	LCS D-034	У	
Continuing Calibration		/	
	CCV5, CCV6,CCV CCVs (CV8, CCV9	4/4/4/4	
	CC135, CC 56, CCB7 CCBS CCB8, CCB9	N*/N**/N***	* Mn Fe, Ma, Na, Ca over MDL
	Ending QC	YZN	Ni, FE, Mg, CU, Na, Ca over MT
Digestion Blank	12/02C	NX	FE, AL, + NO above MDL
Laboratory Control (LCS)	D-034	$\mathbf{y}$	
Spike/Dups		$\dot{\gamma}/\gamma$	
Sample Data		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Linear ranges/Dil.	Ý	

\*\*\*\* - Zn, Fe, Cu, Ng, Ca over MDL KKKK - FE, AL, CU, Na, Ca OVER MDL

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Date: 03/29/04
Review Performed By: SW
Project No03110.576
Client: Enviroscience

QB File IDs_	QBHQ	120103
QB File IDs_		
QB File IDs_		
QB File IDs		

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration	120103	У	
	ICV	ý	
	ICB	$\langle \rangle$	
	LCS	У	
Continuing Calibration			
	CCVs CCV7 CCV8	$\gamma/\gamma/\gamma$	
	CCBs		
	Ending QC		
Digestion Blank		/ · · /	
Laboratory Control (LCS)		$\downarrow$	
Spike/Dups	576-19	$\sqrt{/}$	
Sample Data	· · · · · · · · · · · · · · · · · · ·	$\sim$	
	Linear ranges/Dil.		
		1	

Additional Comments:

April 21, 2004

#### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

#### Re: Data Validation Summary for York Project No. 03110577

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very truly yours,

Robert Q. Bradley Managing Director

cc: R. August

#### York Project No. 03110577

This project consisted of five soil samples and one aqueous sample (equip. blank). Parameters requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (6010 and 7471).

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were non site specific batch QC and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges

<u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits. It is noted that sample MW-9A required 125x dilution due to severe matrix (oily matrix). Due to this fact, the surrogates were diluted out.

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges. It is noted that samples MW-9A, SB-10B, and SB-8A all were run diluted due to the presence of matrix interference. Sample MW-8B was run at a 5x dilution due to the matrix and levels of target compounds found.

<u>Pesticides/PCB</u>-GC Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges after dilution where necessary. It is noted that samples MW-9A and SB-8A were diluted 10x for PCB due to matrix effects.

Metals- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Na and Ca in CCBs 3,4,5,6,7. The data are not affected. The data for these elements may be qualified with a B flag.

CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batches 1201D and E showed slight detections of Fe, Na and Ca. Since these are flagged B from CCB detections no further action is necessary.

All samples exhibited target metals within the linear range of the ICP. Certain samples required dilution to the presence of

Serial dilutions recovered within method limits

All ending QC (CCV, CCB, CRI, ICSA, and ICSAB) were within criteria except for slight detection of Fe, Mg, Al, Na, Ca seen in the ending QC sequence due to carryover from the previous sample. The data are not affected. These elements may be qualified with a B flag.

Mercury- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

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Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

Date: 03/31/04

Review Performed By. SW Client: Enviroscience

QB File IDs\_QBV3112503A - B QB File IDs <u>QB V3112503B- A</u> Project No. 03110577 QB File IDs QBV3112503B-B QB File IDs QBV112703A

QA/QC CI	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	V3C49A VIC117W		
	BFB Criteria	$\sqrt{\sqrt{\sqrt{y}}}$	
	%RSD Avg	Y/Y/Y	
	CCC RSD	V/V/V	
	SPCC Rf	$\sqrt{\sqrt{\sqrt{2}}}$	
Continuing Calibration	V55846 V55880 V55879 V07638	Y/Y/Y/Y	
	% Diff CCC	Y/Y/Y/Y	
	SPCC Rf	V/V/V/V	
BFB Criteria		V/V/V/V	
Method Blank		V/V/V/V	
Laboratory Control (LCS)			
MS/MSD	577-02	$\langle \rangle$	
Sample Data		× /	
	Internal Standards	V V	
	Surrogate Recoveries		
	Linear ranges	$\bigvee$	

Additional Comments:

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NC-NYCDEP-00000167

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### **VOLATILES**

Date: <u>03/31/04</u> Project No.: <u>03110577</u>

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
MW-9A	03110577-01	V55878.D	>	~	no
MW-9B	03110577-02	V55906.D	>	~	no
SB-10B	03110577-03	V55907.D	>	~	no
SB-8A	03110577-04	V55908.D	~	>	no
MW-8B	03110577-05	V55909.D	~	<	no
EBS-11/19	03110577-06	VO7545.D	~	*	no
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			··· ·		
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Comments:

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## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>SEMI-VOLATILES</u>

Date: 03/31/04

QB File IDs\_<u>QBSV1120103A</u> \_\_\_\_\_QB File IDs\_<u>QBSV1120303 A</u> \_\_\_\_\_QB File IDs\_\_\_\_\_ \_\_\_\_QB File IDs\_\_\_\_\_

Review Performed By: SU Project No. 03110577 Client: Enviroscience

QA/QC Criteria		Acceptable(Y/N)	Comments	
	Cal. Method ID	/		
Initial Calibration	TCLBNA31	Y		
	DFTPP Criteria	$\checkmark$		
	%RSD Avg	ý		
	CCC RSD	ý		
	SPCC Rf	¥		
Continuing Calibration	EX7358,D EX7439	1		
	% Diff CCC	$\sqrt{\sqrt{2}}$		
	SPCC Rf	Ý/Ý		
DFTPP Criteria				
Method Blank		, , ,		
Laboratory Control (LCS)		/>		
MS/MSD		$\checkmark$		
Sample Data		$\checkmark$		
	Internal Standards	$\overline{\checkmark}$		
	Surrogate Recoveries	1	MW-9A surr recovery diluted	ou
	Linear ranges	V*		
	-	i		

Additional Comments: \* MW-9A, 5B-10B, 5B-8A, MW-8B had dilutions



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**SEMI-VOLATILES** 

Date: <u>03/31/04</u> Project No.: 03110577

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
MW-9A	03110577-01	EX7447.D	~	Diluted out	125x-matrix
MW-9B	03110577-02	EX7337.D	>	>	no
SB-10B	03110577-03	EX7378.D	>	*	5x-matrix
SB-8A	03110577-04	EX7379.D	>	*	2x-matrix
MW-8B	03110577-05	EX7380.D	~	*	5x-targets
EBS-11/19	03110577-06	EX7372.D	>	~	no
		•			

Comments:

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PEST

Date: 04/01/04 SW Review Performed By: Project No. 03110577 Client: Enviroscience

QB File IDs <u>QBP 120103</u>
QB File IDs QBP 120403
QB File IDs
QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	Pest 1201 pest 1204	<u> </u>	
	DDT/Endrin Bkdwn.	//ý	
	%RSD	Ý/Ý	
		/ /	
Continuing Calibration	PESTOO4 / PEST. 004	$\vee/\vee$	
	DDT/Endrin Bkdwn.	Y/Y	
	% Difference	$\frac{\sqrt{2}}{\sqrt{2}}$	
Method Blank		$\sqrt{2}$	
Laboratory Control (LCS)			
MS/MSD		V/4	
Sample Data			
	Surrogate Recoveries	$\checkmark$	
	Linear ranges	$\overline{\langle}$	
		7	

Additional Comments: \_

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## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>PESTICIDES</u>

Date: 04/01/04 Review Performed By \_\_\_\_\_\_ Project No. 03110577 Client: ENVLYOSCIENCE

QB File IDs QBP 120403
QB File IDs <u>QBP 120403</u>
QB File IDs
QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PCBLABIAOH		
	DDT/Endrin Bkdwn.	NA	
	%RSD	$\sqrt{/}$	
		/ ' '	
Continuing Calibration	PCB.019		
	DDT/Endrin Bkdwn.	NA	
	% Difference	$\sqrt{}$	
Method Blank		Ki/kj	
Laboratory Control (LCS)		$\sqrt{\sqrt{1}}$	
MS/MSD		$\dot{v}/\dot{v}$	
Sample Data			
	Surrogate Recoveries	Ń	
	Linear ranges		
		7	

Additional Comments:

REST/PCB

### PESTICIDE/PCB

Date: <u>03/31/04</u> Project No.: 03110577

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Client Sample ID	York Sample ID	Data File	Surrogates	Dilution*
MW-9A	03110577-01	PEST_011/PCB_047	~	10x-PCB
MW-9B	03110577-02	PEST_012/PCB_017	>	no
SB-10B	03110577-03	PEST_013/PCB_018	>	no
SB-8A	03110577-04	PEST_014/PCB_019	>	10x-PCB
MW-8B	03110577-05	PEST_015/PCB_020	>	no
EBS-11/19	03110577-06	PEST_013/PCB_009	>	no

Comments: \* = Pesticides soils are run at a 10x dilution, but the MDL is not effected. PCB soils are run straight.

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>METALS (No Hg)</u>

Date: 03/29 / 04	QB File IDs <u>QBT 120103B</u>
Review Performed By:	QB File IDs
Project No. 03110577	QB File IDs
Client: Enviroscience	QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration			
	ICV	У	
	ICB	, V	
	LCS	ý	
Continuing Calibration			
	CCV3 CCV4	-y/y/y/y/y	
	CCBS CCB4 CCBS CCB5 CCB4 CCB7	N/N/N/N*/NºK	Na. Ca over MDL
	Ending QC	V/N	Fe, Ma, AI, Na, Ca over MDL
Digestion Blank	12/01D 12/01 E	N/N**	Fe Na Ca over MDL
Laboratory Control (LCS)	Aq P-093 SD-034	$\sqrt{/}$	
Spike/Dups	577-01	$\sqrt{/}$	
Sample Data		ý í	
	Linear ranges/Dil.	$\langle \rangle$	

Additional Comments: <u>\* Fe, Na, Ca are over MDL</u>

\*\* Na, Ca over MDI

OK- Leita not a filled

Date: 03/31/04				
Review Performed By: 800				
Project No. <u>03110577</u>				
Client: Enviroscience				

QB File IDs_QBHQ120103
QB File IDs
QB File IDs
QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
Initial Calibration	120103	Y	
	ICV	ý	
	ICB	ý	
	LCS	V V	
Continuing Calibration			
	ccvs <sup>CCV5</sup> CCV6	$\sqrt{\sqrt{\sqrt{2}}}$	
	CCBs <sup>(CB5</sup> CB6)		
	Ending QC	<u> </u>	
Digestion Blank			
Laboratory Control (LCS)	S: D-034	$\sqrt{/}$	
Spike/Dups	.577-03	V/V	
Sample Data			
	Linear ranges/Dil.	ý	
		/	

Additional Comments:

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April 21, 2004

### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

#### Re: Data Validation Summary for York Project No. 03110578

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very truly yours,

Robert Q. Bradley Managing Director

cc: R. August

#### York Project No. 03110578

This project consisted of eleven aqueous samples. Parameters for ten of the samples requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (total and dissolved) (6010 and 7471). Volatiles only was requested on the trip blank. The samples for dissolved metals were filtered upon receipt at the the laboratory.

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No sample dilutions were necessary.

<u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits. It is noted that sample MW-9A required 125x dilution due to severe matrix (oily matrix). Due to this fact, the surrogates were diluted out.

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No dilutions were required for analysis.

<u>Pesticides/PCB</u>-GC Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits with the exception of decachlorobiphenyl recovery on sample GP-7. The recovery was below the control limit, but greater than 10%. The other surrogate, tetrachloro-m-xylene was within acceptance windows. The data are not affected.

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No dilutions were required for analysis.

Metals- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Ca in CCBs 1,2,3, and 4. The data are not affected. The data for Ca may be qualified with a B flag.

CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batches 1201C and D showed slight detections of Fe and Na. No further action is necessary.

All samples exhibited target metals within the linear range of the ICP. Certain samples required dilution to the presence of Ca, Na and Fe.

Serial dilutions recovered within method limits

All ending QC (CCV, CCB, CRI, ICSA, and ICSAB) were within criteria except for slight detection of Na and Ca seen in the ending QC sequence due to carryover from the previous sample. The data are not affected. These elements may be qualified with a B flag.

<u>Mercury</u>- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>VOLATILES</u>

Date: <u>03/16/04</u>

Review Performed By:  $\underline{8W}$ Project No.  $\underline{03110578}$ Client:  $\underline{ENVLYDSCIENCE}$ 

 QB File IDs\_QB V1112703 A

 QB File IDs\_QB V1112703 B

 QB File IDs\_QB V1120303 A

 QB File IDs\_QB V1120303 A

 QB File IDs\_QB V1120303 A

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	VICIIZW		
	BFB Criteria	у	
	%RSD Avg	$\checkmark$	
	CCC RSD	V.	
	SPCC Rf	$\checkmark$	
Continuing Calibration	V07538.D V07555.D V07712.D		
	% Diff CCC	У	
	SPCC Rf	У	
BFB Criteria		У	
Method Blank		ý	
Laboratory Control (LCS)		Y	
MS/MSD		У	
Sample Data		Ý	
	Internal Standards	' Y	
	Surrogate Recoveries	<u> </u>	
	Linear ranges	Y	

Additional Comments: \_\_\_\_

## **VOLATILES**

Date: <u>03/16/04</u> Project No.: <u>03110578</u>

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
TB-11/19	03110578-01	VO7546.D	<b>v</b>	~	no
GP-1	03110578-02	VO7547.D	~	~	no
GP-2	03110578-03	VO7548.D	<b>~</b>	~	no
GP-3	03110578-04	VO7717.D	~	~	no
GP-4	03110578-05	VO7550.D	<b>~</b>	~	no
GP-5	03110578-06	VO7718.D	~	~	no
GP-6	03110578-07	VO7552.D	~	~	no
GP-7	03110578-08	VO7553.D	~	~	no
GP-8	03110578-09	VO7554.D	~	~	no
GP-10	03110578-10	VO7560.D	~	~	no
EBW-11/19	03110578-11	VO7561.D	~	~	no

Comments:

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## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>SEMI-VOLATILES</u>

Date: 03/16/04	QB File IDs BBSV1120103A
Review Performed By:	QB File IDs
Project No. 03110578	QB File IDs
Client: <u>ENVLYOSCIENCE</u>	QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	TCLBNA31		
	DFTPP Criteria	Y	
	%RSD Avg	<u> </u>	
	CCC RSD	<u> </u>	
	SPCC Rf	$\checkmark$	
Continuing Calibration	EX7358.D	•	
	% Diff CCC	Ý	
	SPCC Rf	У	
DFTPP Criteria		ý	
Method Blank		Ý	
Laboratory Control (LCS)		У	
MS/MSD		<u> </u>	
Sample Data		Υ	
	Internal Standards	Ý	
	Surrogate Recoveries	у	
	Linear ranges	ý	
	8		

Additional Comments: \_\_\_\_

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### **SEMI-VOLATILES**

Date: <u>03/16/04</u> Project No.: <u>03110578</u>

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
GP-1	03110578-02	EX7362.D	~	~	no
GP-2	03110578-03	EX7363.D	~	>	no
GP-3	03110578-04	EX7364.D	<b>v</b>	~	no
GP-4	03110578-05	EX7365.D	~	~	no
GP-5	03110578-06	EX7366.D	~	~	no
GP-6	03110578-07	EX7367.D	~	~	no
GP-7	03110578-08	EX7368.D	~	<b>~</b>	no
GP-8	03110578-09	EX7369.D	~	~	no
GP-10	03110578-10	EX7370.D	~	<b>&gt;</b>	no
EBW-11/19	03110578-11	EX7371.D	~	>	no

Comments:

1 \* BRUILL STORE DISAME.

Ţ

Date: 03/23/04

Review Performed By:\_

QB File IDs <u>QBP120103A</u>
 QB File IDs
 QB File IDs

Project No.<u>03110578</u>

Client:\_\_\_\_\_

000 01 1

QB File IDs\_\_\_\_\_

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	Pestidoi		
	DDT/Endrin Bkdwn.	Y	
	%RSD	Ý	
Continuing Calibration	Pest-021 Pest-032		
	DDT/Endrin Bkdwn.	Y	
	% Difference	Y/Y	
Method Blank		Ý	
Laboratory Control (LCS)		Ý	
MS/MSD		Y	
Sample Data		Y	
	Surrogate Recoveries	Y	
	Linear ranges	Y	

Additional Comments:

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>PESTICIDES</u> (PCB)

Marcha Date: Review Performed By 31105 Project No. Λ MN H DESCUL Client:

QB File IDs QBP120103A
QB File IDs
QB File IDs
QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PCB-1118		
	DDT/Endrin Bkdwn.	NĄ	
	%RSD	Υ	
Continuing Calibration	PCB-019 PCB-048		
	DDT/Endrin Bkdwn.	NA	
	% Difference	Y/Y/Y	
Method Blank		Ý	
Laboratory Control (LCS)		Y	
MS/MSD		Y	
Sample Data		$\sim$	
	Surrogate Recoveries	Ý	GP-7 matrix int - DCB
	Linear ranges	Y	

Additional Comments:

### PESTICIDE/PCB

Date: <u>03/16/04</u> Project No.: <u>03110578</u>

Client Sample ID	York Sample ID	Data File	Surrogates	Dilution
GP-1	03110578-02	PEST_014/PCB_027	>	no
GP-2	03110578-03	PEST_015/PCB_028	<b>~</b>	no
GP-3	03110578-04	PEST_016/PCB_029	>	no
GP-4	03110578-05	PEST_017/PCB_030	<b>&gt;</b>	no
GP-5	03110578-06	PEST_018/PCB_031	>	no
GP-6	03110578-07	PEST_019/PCB-032	<b>v</b>	no
GP-7	03110578-08	PEST_022/PCB_033	*	no
GP-8	03110578-09	PEST_023/PCB_034	>	no
GP-10	03110578-10	PEST_024/PCB_035	>	no
EBW-11/19	03110578-11	PEST_025/PCB_037	>	no
				_

Comments: \* =DCB is at 11% in Pesticide and PCB extract indicating a matrix interference.

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>METALS (No Hg)</u>

Date: <u>()3/16/04</u>	QB File IDs QBI 120103B
Review Performed By:	QB File IDs
Project No. 03//0578	QB File IDs
Client: <u>Enviroscience</u>	QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration			
	ICV	Ý	
	ICB	Y	
	LCS	Ý	
Continuing Calibration			
	$\frac{cCV1, CCV2}{CCVs CCV3, CCV4}$	Y/Y/Y/Y	
	CCBs CCBI, CCB2,	Y/N*/N**/N**	* Ca value is above MDL.
	Ending QC CCV II	Y/N**	
Digestion Blank	12/01 C 12/01 D	Y/N***	Fe and Na above MDL
Laboratory Control (LCS)	DL(SAq+) P-093	Ý	
Spike/Dups	578-02	YZY	
Sample Data		$\checkmark$	
	Linear ranges/Dil.	Ý	
			i v

Additional Comments: <u>\*\*\* Caland Na Values are above MDL</u> IN CCB3 + CCB4 + CCB11 (ending QC)

Date: 03/23/04

Review Performed By: <u>SU</u> Project No. <u>03110578</u> Client: <u>Enviroscience</u>

QB File IDs_	<u>GBHg112603</u>
QB File IDs_	
QB File IDs_	
QB File IDs	

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration	11/26/03	Ý	
	ICV	Ý	
	ICB	Y	
	LCS	Ý	
Continuing Calibration			
	CCVs EEV3 CCV3	Y/Y/Y/Y	
	CCBS (CB1 CCB2)	Y/Y/Y/Y	
	Ending QC		
Digestion Blank		Ý	
Laboratory Control (LCS)			
Spike/Dups	590-01	$\forall / \forall$	
Sample Data		Ý	
	Linear ranges/Dil.	Y	

\_\_\_\_\_

Additional Comments:

April 21, 2004

#### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

#### Re: Data Validation Summary for York Project No. 03110609

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very truly yours, Robert Q. Bradley Managing Director

cc: R. August

#### York Project No. 03110609

This project consisted of six (6) soil samples. Parameters for the samples requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (total and dissolved) (6010 and 7471).

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No sample dilutions were necessary.

<u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits.

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

Certain samples required dilutions for analysis due to matrix interference and/or target compound levels. These samples were SB-19A(2x), SB-19B(5x), SB-19C(5x), SB-17A(5x) and SB-20A(5x).

<u>Pesticides/PCB</u>-GC Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

All samples for pesticides were straight except for SB-17A which was run at 10x due to matrix.

Metals- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Fe, Ca, Al, Cu and Na in CCBs 8, 9, and 10. The data are not affected. The data for these elements may be qualified with a B flag.

NC-NYCDEP-00000191

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CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batch 1202D showed slight detections of Zn, Fe, Mg, Cu, Ca and Na. No further action is necessary.

All samples exhibited target metals within the linear range of the ICP. Certain samples required dilution to the presence of Ca, Na and Fe.

Serial dilutions recovered within method limits

All ending QC (CCV, CCB, CRI, ICSA, and ICSAB) were within criteria except for slight detection of Na and Ca seen in the ending QC sequence due to carryover from the previous sample. The data are not affected. These elements may be qualified with a B flag.

<u>Mercury</u>- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>VOLATILES</u>

Date: 04/01/04

Review Performed By: <u>SW</u> Project No. <u>03110609</u> Client: <u>ENVIVOSCIENCE</u> QB File IDs\_<u>QBV3112503B - A</u> \_\_\_\_\_QB File IDs\_<u>QBV3112603B - B</u> \_\_\_\_\_QB File IDs\_<u>QBV3112603A - A</u> \_\_\_\_\_QB File IDs\_<u>QBV3112603A - B</u>

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	V3C49A V3C49B		
	BFB Criteria	$\checkmark$	
	%RSD Avg	ý	
	CCC RSD	<u> </u>	
	SPCC Rf	ý	
Continuing Calibration	V5 5880 V55879 V55913 V55914	1	
	% Diff CCC	$\searrow$	
	SPCC Rf	ý	
BFB Criteria		/	
Method Blank		. Ý.	
Laboratory Control (LCS)		ý	
MS/MSD		$\checkmark$	
Sample Data		/_	
	Internal Standards	Ý	
	Surrogate Recoveries	$\checkmark$	
	Linear ranges	<u> </u>	
		1	

Additional Comments:

## **VOLATILES**

Date: 04/01/04 Project No.: 03110609

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
SB-19A	03110609-01	V55910.D	~	~	no
SB-19B	03110609-02	V55911.D	~	~	no
SB-19C	03110609-03	V55912.D	~	~	no
SB-17A	03110609-04	V55927.D	~	•	no
SB-17B	03110609-05	V55928.D	~	•	no
SB-20A	03110609-06	V55929.D	~	~	no

Comments:
# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>SEMI-VOLATILES</u>

Date: 04/21/04	QB File IDs_ <u>QBSV1020503A</u>
	QB File IDs_ QBSV1120803A
Project No. 03110609 - 01	QB File IDs
Client: <u>ENVLYOSCIENCE</u>	QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	TCL BNA31	$\checkmark$	
	DFTPP Criteria	$\sim$	
	%RSD Avg	V V	
	CCC RSD	, V	
	SPCC Rf	Ý	
Continuing Calibration	EX7519.D EX7600.D	, , ,	
	% Diff CCC	ý v	
	SPCC Rf		
DFTPP Criteria		<u>/</u>	
Method Blank		$\checkmark$	
Laboratory Control (LCS)		Y	
MS/MSD		$\sim$	
Sample Data			
	Internal Standards	$\mathbf{\nabla}$	
	Surrogate Recoveries	$\checkmark$	
	Linear ranges	, V	dilutions due to mate
			and targets

Additional Comments:

#### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

#### **SEMI-VOLATILES**

Date: <u>04/21/04</u> Project No.: <u>03110609</u>

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
SB-19A	03110609-01	EX7523.D	<b>&gt;</b>	<b>v</b>	2x - targets
SB-19B	03110609-02	EX7363.D	~	~	5x - matrix
SB-19C	03110609-03	EX7364.D	<b>&gt;</b>	>	5x - matrix
SB-17A	03110609-04	EX7365.D	>	>	5x - targets
SB-17B	03110609-05	EX7366.D	~	· •	no
SB-20A	03110609-06	EX7367.D	<b>&gt;</b>	>	5x - matrix
· · · · · · · · · · · · · · · · · · ·			·-···		

Comments:

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form

Date: 04/21/04 SW Review Performed By: Project No. 03110609 Client: Enviroscience

	QB File IDs QBPEST 1204Q3
	QB File IDs
	QB File IDs
_	QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	Pest1204		
	DDT/Endrin Bkdwn.	$\checkmark$	
	%RSD	Ý	
		/	
Continuing Calibration			
	DDT/Endrin Bkdwn.	У	
	% Difference	Ý	
Method Blank		ý	
Laboratory Control (LCS)		$\sim$	
MS/MSD		Ý	
Sample Data		ý.	
	Surrogate Recoveries	$\checkmark$	
	Linear ranges	ý	
		/	

Additional Comments: \_\_\_\_

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>PESTICIDES</u>(PCB)

Date: 04/21/03 <u>SW</u> Review Performed By:\_\_\_\_ Project No. 03110609 Client: Enviroscience

QB File IDs_	QBPCB120903
_ QB File IDs_	
_ QB File IDs_	
QB File IDs_	

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PCB-1204		
	DDT/Endrin Bkdwn.	NA	
	%RSD	Y	
Continuing Calibration			
	DDT/Endrin Bkdwn.	NA	
	% Difference	V	
Method Blank		ý	
Laboratory Control (LCS)		ý	
MS/MSD		ý	
Sample Data		Ý	
	Surrogate Recoveries	ý	
	Linear ranges		SB-17A was run at a 1:10
		/	dilution

Additional Comments:

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form METALS (No Hg)

Date: 04/06/04 \_\_\_\_\_ Review Performed By:\_\_\_\_ SU) Project No. 03110(@09

Date: <u>04/06/04</u>	QB File IDs QBI120203A
Review Performed By:	QB File IDs
Project No. 03110(@09	QB File IDs
Client: <u>EnVIVOSCIENCE</u>	QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
		······································	
Initial Calibration			
	ICV	$\bigvee$	
	ICB	N	Natca over MDL not 50 6
	LCS	V	
Continuing Calibration	(HCU/S)	/	
	CCVS CCV8 CCVID	$\sqrt{\sqrt{1}}$	
	CCBs CEB8 CCB10	N/N/N	Fe, AL, Cy, Na+ (a over MD)
	Ending QC	V/N	Ni Fe, Ma, Al, Cu, Na, Ca over M
Digestion Blank	12/020	N	Zn Fe, Ma, Cu, Na, Ca over NIC
Laboratory Control (LCS)	D.034	$\vee$	<u> </u>
Spike/Dups	576-19		
Sample Data		ý –	
	Linear ranges/Dil.		
		7	

\_\_\_\_\_

Additional Comments:

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form MERCURY

Date: <u>04/21/04</u> Review Performed By: <u>SW</u>

Date: <u>04/21/04</u>	QB File IDs <u>ABHQ 020304</u>
Review Performed By: <u><math>\mathcal{SU}</math></u>	QB File IDs
Project No. <u>03//0609</u>	QB File IDs
Client: <u>FNVITOSCIENCE</u>	QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration	12/03/04		<u> </u>
		Y	
	ІСВ	Ý	
	LCS	$\vee$	
Continuing Calibration	CCV4 CCV5		
	CCVs	У	
	CCBs	Ý	
	Ending QC	Ý.	
Digestion Blank		V I	
Laboratory Control (LCS)		Ý I	
Spike/Dups	609.04	Y	
Sample Data	-	ý	
	Linear ranges/Dil.		

Additional Comments: \_

April 21, 2004

#### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

#### Re: Data Validation Summary for York Project No. 03110610

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very truly yours,

Robert Q. Bradley Managing Director

cc: R. August

#### York Project No. 03110610

This project consisted of sixteen (16) soil samples and one aqueous sample(equip. blk). Parameters for the samples requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (total and dissolved) (6010 and 7471).

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No sample dilutions were necessary, except for sample MW-6B which was run at a 200x dilution due to target compounds.

<u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits. Samples MW-5A, SB-15A, and MW-6M required dilutions which diluted out the surrogates.

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

Certain samples required dilution due to matrix and/or target compounds: SB-11A(5x), MW-5A(50x), MW-5B(5x), SB-14A(2x), SB-14B(5x), SB-15A(10x), SB-16A(5x), SB-16B(5x), MW-6M(10x).

<u>Pesticides/PCB</u>-GC Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No samples required dilution for analysis for PCB. All pesticide soils were run at 10x due to matrix.

Metals- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Fe, Ca, Mg and Na in CCBs 1,2,5,6,7 and 8. The data are not affected. The data for these elements may be qualified with a B flag.

CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batch 1203E showed slight detections of Ca and Na. No further action is necessary.

All samples exhibited target metals within the linear range of the ICP.

Serial dilutions recovered within method limits

All ending QC (CCV, CCB, CRI, ICSA, and ICSAB) were within criteria except for slight detection of Fe, Na and Ca seen in the ending QC sequence due to carryover from the previous sample. The data are not affected. These elements may be qualified with a B flag.

Mercury- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

### York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form **VOLATILES**

Date: 04/21/04Project No. 03/106/0 QB File IDs\_06V1182703A

QB File IDs\_<u>QBV3112603A-A</u> 
 Date:
 04/21/04
 QB File IDs
 QB V3112603A - A

 Review Performed By:
 SU
 QB File IDs
 QBV3112603A - B
Client: <u>ENVIROSCIENCE</u> QB File IDs <u>QBV3182903A</u> - A

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	V3C49A V3C49B		
	BFB Criteria	Y	
	%RSD Avg	Υ	
	CCC RSD	V	
	SPCC Rf	Ý	
Continuing Calibration	V55913 D V55914, V07538 D V56091	) / }	
	% Diff CCC	Y	
	SPCC Rf	Ý	
BFB Criteria		V	
Method Blank		ý	
Laboratory Control (LCS)		Ý	
MS/MSD	610-09	, , ,	
Sample Data		ý	
	Internal Standards	, V	
	Surrogate Recoveries	V V	
	Linear ranges	V	MW-6B has 200x dilution
			For p-1sopropy/toluene

Additional Comments:

### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

### **VOLATILES**

Date: <u>04/21/04</u> Project No.: 03110610

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
SB-12A	03110610-01	V55930.D	>	~	no
SB-12B	03110610-02	V55931.D	<b>&gt;</b>	*	no
SB-11A	03110610-03	V55932.D	>	>	no
SB-11B	03110610-04	V55933.D	>	>	no
MW-5A	03110610-05	V55934.D	~	>	no
MW-5B	03110610-06	V55935.D	>	>	no
SB-13A	03110610-07	V55936.D	>	>	no
SB-13B	03110610-08	V55937.D	>	>	no
SB-14A	03110610-09	V55938.D	>	>	no
SB-14B	03110610-10	V55939.D	>	>	no
SB-15A	03110610-11	V55940.D	<b>~</b>	<	no
SB-15B	03110610-12	V55941.D	<	>	no
SB-16A	03110610-13	V55942.D	¢	>	no
SB-16B	03110610-14	V55943.D	٢	K	no
MW-6M	03110610-15	V56033.D	¢	<	200x - target
SB-15C	03110610-16	V55945.D	Ś	< l	no
EBS-11/20	03110610-17	VO7562.D	Ś	Ś	no

Comments:

NC-NYCDEP-00000206

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### York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>SEMI-VOLATILES</u>

Date: ( Review Performed By Project No. 03110/010 Client: ENVINOSCIENCE

QB File IDs <u>QB5V1121203A</u> QB File IDs <u>QB5V1121503 A</u> QB File IDs <u>QB5V1121603 A</u> QB File IDs <u>QB5V1121603 A</u> QBSV1121903 A

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	TCLBNA31		
	DFTPP Criteria	V	
	%RSD Avg		
	CCC RSD	V	
	SPCC Rf		
Continuing Calibration	EX77477894 EX7848794080	130	
	% Diff CCC	N.	
	SPCC Rf	Y	
DFTPP Criteria		ý	
Method Blank		$\checkmark$	
Laboratory Control (LCS)		$\checkmark$	
MS/MSD	(010-09	Ý.	
Sample Data	1040-1091	ý	
	Internal Standards	, V	
	Surrogate Recoveries	<u> </u>	
	Linear ranges	Ý	dilutions noted
			<b>.</b>

Additional Comments:

#### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

### SEMI-VOLATILES

Date: <u>04/21/04</u> Project No.: <u>03110610</u>

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
SB-12A	03110610-01	EX7768	~	<b>~</b>	no
SB-12B	03110610-02	EX7769	>	>	no
SB-11A	03110610-03	EX7861	>	>	5x - matrix
SB-11B	03110610-04	EX7862	<b>~</b>	>	no
MW-5A	03110610-05	EX8049	~	Diluted out	50x - targets
MW-5B	03110610-06	EX7864	~	•	5x - targets
SB-13A	03110610-07	EX7865	<b>v</b>	>	no
SB-13B	03110610-08	EX7866	~	>	no
SB-14A	03110610-09	EX7867	~	>	2x - matrix
SB-14B	03110610-10	EX7870	~	*	5x - matrix
SB-15A	03110610-11	EX7945	~	Diluted out	10x - targets
SB-15B	03110610-12	EX7941	~	~	no
SB-16A	03110610-13	EX7943	>	~	5x - matrix
SB-16B	03110610-14	EX7944	>	*	5x - matrix
MW-6M	03110610-15	EX7946	~	Diluted out	10x - matrix
SB-15C	03110610-16	EX7942	>	~	no
EBS-11/20	03110610-17	EX7909	~	~	no

Comments:

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form PESTICIDES

04 Date:\_<u>/)</u>4  ${}^{\!\!\!\!\mathcal W}$ Review Performed By: Project No. 03110610 Client: Enviroscience

QB File IDs_ <u>QBPest120103</u> _
QB File IDs <u> </u>
QB File IDs
QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PEST 1201 PEST 1210		
	DDT/Endrin Bkdwn.	$\checkmark$	
	%RSD	Ý	
		1	
Continuing Calibration			
	DDT/Endrin Bkdwn.	V	
	% Difference	ý	
Method Blank		$\sim$	
Laboratory Control (LCS)		V V	
MS/MSD		, V	
Sample Data		V	
	Surrogate Recoveries	Ý	
	Linear ranges	ý	
		/	

Additional Comments:

### York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>PESTICIDES</u>

Date:<u>04</u> <u>SW</u> Review Performed By: Project No. 03110610 Client: Enviroscience

QB File IDs_ <u>QBPCB120103</u>
QB File IDs_ <u>QBPCB120903</u>
QB File IDs
QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PCB-1118 PCB-1204		
	DDT/Endrin Bkdwn.	NA	
	%RSD	Y	
		1	
Continuing Calibration			
	DDT/Endrin Bkdwn.	NA	
	% Difference	$\checkmark$	
Method Blank			
Laboratory Control (LCS)		ý	
MS/MSD		$\checkmark$	
Sample Data		, Y	
	Surrogate Recoveries	Ń	
	Linear ranges	Y	
		1	

Additional Comments:

#### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

#### PESTICIDE/PCB

Date: <u>04/21/04</u> Project No.: <u>03110610</u>

Client Sample ID	York Sample ID	Data File	Surrogates	Dilution *
SB-12A	03110610-01	PEST_012/PCB_028	>	no
SB-12B	03110610-02	PEST_013/PCB_029	>	no
SB-11A	03110610-03	PEST_014/PCB_030	~	no
SB-11B	03110610-04	PEST_015/PCB_031	>	no
MW-5A	03110610-05	PEST_016/PCB_032	~	no
MW-5B	03110610-06	PEST_017/PCB-033	>	no
SB-13A	03110610-07	PEST_018/PCB-034	>	no
SB-13B	03110610-08	PEST_020/PCB-035	>	no
SB-14A	03110610-09	PEST_021/PCB-037	>	no
SB-14B	03110610-10	PEST_024/PCB-038	>	no
SB-15A	03110610-11	PEST_025/PCB-039	>	no
SB-15B	03110610-12	PEST_026/PCB-040	>	no
SB-16A	03110610-13	PEST_027/PCB-041	>	no
SB-16B	03110610-14	PEST_028/PCB-042	>	no
MW-6M	03110610-15	PEST_029/PCB-043	>	no
SB-15C	03110610-16	PEST_032/PCB-044	~	no
EBS-11/20	03110610-17	PEST_026/PCB_038	<b>v</b>	no

Comments: \* = Pesticides soils are run at a 10x dilution, but the MDL is not effected. PCB soils are run straight.

\_\_\_\_\_

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>METALS (No Hg)</u>

Date: 04/21/04	QB File IDs ABI 1203036
Review Performed By: <u>8</u>	QB File IDs
Project No. <u>03110610</u>	QB File IDs
Client: Enviroscience	QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration			
	ICV	<u> </u>	
	ICB	## Y	NA CHEF MOLOK 7
	LCS P.093/D-034	· ·	
Continuing Calibration		,	
	CCVS CCV1 CCV2 CCV5	8 1	
	CCBs CCB1 CCB2 CCB5	N/N/N*/N*/N/N	Fe, Mg, Na + Ca over MDL
	Ending QC	Y/N	Fe, Mg, AL, Na + Ca over MDL
Digestion Blank	12/03 E	. N	Na+Ca over MDL
Laboratory Control (LCS)	D-034	$\checkmark$	
Spike/Dups	610-09		
Sample Data		ý	
	Linear ranges/Dil.		

Additional Comments: K NQ + CQ OVER MDL

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>MERCURY</u>

Date: 04/21/04 N Review Performed By: Project No. 03110610 Client: ENVINOSCHNCP

QB File IDs_	QBHQ120303
QB File IDs_	
QB File IDs_	· · · · · · · · · · · · · · · · · · ·
QB File IDs	

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration	120303		
	ICV	V	
	ICB	Ý.	
	LCS	Ý	
Continuing Calibration			
	CCVs CCV5 CCV6	V	
	CCBs CCB5 CCB6	, V	
	Ending QC	Ý	
Digestion Blank		Ý	
Laboratory Control (LCS)		$\checkmark$	
Spike/Dups	610.09	Ý	
Sample Data		, V	
	Linear ranges/Dil.	Ý	

Additional Comments: \_

April 21, 2004

#### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

#### Re: Data Validation Summary for York Project No. 03110611

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very ruly yours,

Robert Q. Bradley Managing Director

cc: R. August

#### York Project No. 03110611

This project consisted of ten (10) aqueous samples. Parameters for the samples requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (total and dissolved) (6010 and 7471).

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No sample dilutions were necessary.

<u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits.

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No samples required dilution for analysis

<u>Pesticides/PCB</u>-GC Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No samples required dilution for analysis.

Metals- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Fe, Ca, Mg and Na in CCBs 1-4. The data are not affected. The data for these elements may be qualified with a B flag.

CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batch 1203C showed slight detections of Fe, Ca and Na. No further action is necessary.

All samples exhibited target metals within the linear range of the ICP.

Serial dilutions recovered within method limits

All ending QC (CCV, CCB, CRI, ICSA, and ICSAB) were within criteria except for slight detection of Fe, Na and Ca seen in the ending QC sequence due to carryover from the previous sample. The data are not affected. These elements may be qualified with a B flag.

Mercury- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

### York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>VOLATILES</u>

Date: <u>04/21/04</u>	QB File IDs_ <u>QBV1112703.B</u>
Review Performed By:	QB File IDs
Project No. 03/10/011	QB File IDs
Client: ENVIROSCIENCE	QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	VICIIZW		
	BFB Criteria	У.	
	%RSD Avg	V V	
	CCC RSD	¥	
	SPCC Rf	$\checkmark$	
Continuing Calibration	V07555	1	
	% Diff CCC	У	
	SPCC Rf	ý	
BFB Criteria		Ý	
Method Blank		Ý	
Laboratory Control (LCS)		У	
MS/MSD		ý	
Sample Data		Ý	
	Internal Standards	ý	
	Surrogate Recoveries		
	Linear ranges	ý	

Additional Comments: \_\_\_\_

### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

### **VOLATILES**

Date: <u>04/21/04</u> Project No.: 03110611

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
TB-11/20	03110611-01	VO7563	•	~	no
GP-12	03110611-02	VO7564	<b>v</b>	~	no
GP-11	03110611-03	VO7565	~	~	no
GP-13	03110611-04	VO7566	<b>v</b>	~	no
GP-15	03110611-05	VO7567	~	~	no
GP-14	03110611-06	VO7568	<b>v</b>	~	no
GP-16	03110611-07	VO7569	<b>v</b>	~	no
GP-19	03110611-08	VO7570	~	~	no
GP-19C	03110611-09	VO7571	~	~	no
EBW-11/20	03110611-11	VO7577	<b>~</b>	~	no
					-

Comments:

• .

NC-NYCDEP-00000219

### York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>SEMI-VOLATILES</u>

Date: 04/21/04 Review Performed By: SU Project No. 03110611 ( client: Enviroscience

QB File IDs_QBSV1120503A
QB File IDs QBSV1121203 A
QB File IDs QBSV 112 1503A
QB File IDs_

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	TCLBNA31		
	DFTPP Criteria	$\checkmark$	
	%RSD Avg		
	CCC RSD		
	SPCC Rf		
Continuing Calibration	EX7519 EX7747 EX7848	/	
	% Diff CCC	Y	
	SPCC Rf	Ń	
DFTPP Criteria		Ý	
Method Blank		V.	
Laboratory Control (LCS)			
MS/MSD		4	
Sample Data		<u> </u>	
	Internal Standards	Ý	
	Surrogate Recoveries	$\bigvee$	
	Linear ranges	$\checkmark$	
		1	

Additional Comments: \_

### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

### **SEMI-VOLATILES**

Date: <u>04/21/04</u> Project No.: <u>03110611</u>

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
GP-12	03110611-02	EX7534	<b>v</b>	~	no
GP-11	03110611-03	EX7756	···· 🗸	~	no
GP-13	03110611-04	EX7536	~	<b>v</b>	no
GP-15	03110611-05	EX7757	~	~	no
GP-14	03110611-06	EX7857	<b>v</b>	~	no
GP-16	03110611-07	EX7761	~	~	no
GP-19	03110611-08	EX7860	<b>v</b>	~	no
GP-19C	03110611-09	EX7763	~	~	no
EBW-11/20	03110611-11	EX7764	~	~	no

Comments:

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form PESTICIDES

Date:\_()4 121 104 SU Review Performed By:\_\_\_ Project No. <u>03/106/1</u> Client: ENVIVOSCIENCE

QB File IDs QBPEST 120103
QB File IDs_ QB PEST 120203
QB File IDs
QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	Pestidol		
	DDT/Endrin Bkdwn.	Y	
	%RSD	V	
		/	
Continuing Calibration			
	DDT/Endrin Bkdwn.	V	
	% Difference	ý.	
Method Blank		<u> </u>	
Laboratory Control (LCS)		V	
MS/MSD		$\checkmark$	
Sample Data			
	Surrogate Recoveries		
	Linear ranges	ý	
		1	

Additional Comments:

### York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>PESTICIDES</u> (PCB)

Date:<u>04</u> Review Performed By:\_\_ NN Project No. 03/10/6/1 Client: ENVIVOSCIENCE

QB File IDs <u>QBPCB120103</u>
QB File IDs
QB File IDs
QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PCB-1118		
	DDT/Endrin Bkdwn.	NA	
	%RSD	$\vee$	
		/	
Continuing Calibration			
	DDT/Endrin Bkdwn.	NA	
	% Difference	$\bigvee$	
Method Blank		Ý	
Laboratory Control (LCS)		V.	
MS/MSD		Ý	
Sample Data		$\downarrow$	
	Surrogate Recoveries	Ý	
	Linear ranges	Ý	

Additional Comments:

### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

#### PESTICIDE/PCB

Date: <u>04/21/04</u> Project No.: <u>03110611</u>

Client Sample ID	York Sample ID	Data File	Surrogates	Dilution
GP-12	03110611-02	PEST_027/PCB_039	~	no
GP-11	03110611-03	PEST_028/PCB_040	~	no
GP-13	03110611-04	PEST_029/PCB_041	~	no
GP-15	03110611-05	PEST_030/PCB_042	<b>~</b>	no
GP-14	03110611-06	PEST_031/PCB_043	~	no
GP-16	03110611-07	PEST_009/PCB-044	~	no
GP-19	03110611-08	PEST_010/PCB-045	~	no
GP-19C	03110611-09	PEST_011/PCB-046	>	no
EBW-11/20	03110611-11	PEST_012/PCB-047	>	no
	- · · ·			

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Comments:

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form METALS (No Hg)

Date: 04/21/04 Review Performed By: <u>SW</u> Project No. 03/10611 Client: Enviroscience

QB File IDs <u>QB I 120303</u>	
QB File IDs	
QB File IDs	
QB File IDs	

QA/QC Criteria		Acceptable(Y/N)	Comments		
Initial Calibration					
	ICV	Y /			
	ICB	-HY	Na over MOLOCK	2. M.B.L	
	LCS P-093	V /	$\bigcirc$		
Continuing Calibration			<b></b>		
	CCVs CCV1 CCV2	Y/Y/Y/Y			
	CCBs	N/N/N*/N##	Fe, Mg, Na + Ca over MDL		
	Ending QC	V/N	No Na Ca over MDL	HAR	
Digestion Blank	12/03C	N	Fe Na Ca over MDL		
Laboratory Control (LCS)	p.093	Y			
Spike/Dups	611.06	Ý			
Sample Data		Ý			
	Linear ranges/Dil.	Ý			
Additional Comments:	Fe, Na, Ca or	ver MDL			
Verenta Ca aver MOL-					
$\mathbf{N} = \mathbf{N} \mathbf{U}, \mathbf{U} = \mathbf{U} \mathbf{U} \mathbf{U} \mathbf{U}$					

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>MERCURY</u>

Date: 04/21 104 <u>SW</u> Review Performed By: Project No. 03110611 Client: Envivoscience

QB File IDs_	QBHg 120603
QB File IDs_	
QB File IDs_	
QB File IDs_	

QA/QC Criteria		Acceptable(Y/N)	Comments
Initial Calibration	120103		
	ICV	$\checkmark$	
	ICB	Ý	
	LCS	/	
Continuing Calibration			
	CCVs CCV1 CCV2	$\checkmark$	
	CCBs	$\checkmark$	
	Ending QC	Ý	
Digestion Blank		Ý	
Laboratory Control (LCS)		Ý	
Spike/Dups	611-06	$\bigvee$	
Sample Data		Ý	
	Linear ranges/Dil.	ý	
		'	

Additional Comments: \_

April 21, 2004

#### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

#### Re: Data Validation Summary for York Project No. 03110748

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very truly yours,

Robert Q. Bradley Managing Director

cc: R. August

#### York Project No. 03110748

This project consisted of two (2) soil samples. Parameters for the samples requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (total and dissolved) (6010 and 7471).

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No sample dilutions were necessary.

<u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits.

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No samples required dilution for analysis

<u>Pesticides/PCB</u>-GC Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No samples required dilution for analysis.

Metals- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Fe, Ca, Mg and Na in CCBs 7 and 8. The data are not affected. The data for these elements may be qualified with a B flag.

CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batch 1203E showed slight detections of Ca and Na. No further action is necessary.

All samples exhibited target metals within the linear range of the ICP.

Serial dilutions recovered within method limits

All ending QC (CCV, CCB, CRI, ICSA, and ICSAB) were within criteria except for slight detection of Fe, Na and Ca seen in the ending QC sequence due to carryover from the previous sample. The data are not affected. These elements may be qualified with a B flag.

Mercury- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.
Date: 04/21/04 Review Performed By:\_\_\_\_\_ Project No. 03110748

Date: 04/21/04	QB File IDs_QBV3112903A
	QB File IDs
Project No. 03110748	QB File IDs
Client: ENVIVOSCIENCE	QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	V3C49A		
	BFB Criteria		
	%RSD Avg	Ý	
	CCC RSD	<u> </u>	
	SPCC Rf	Ý	
Continuing Calibration	V56019.D	,	
	% Diff CCC	<u> </u>	
	SPCC Rf	Ý	
BFB Criteria			
Method Blank		$\sim$	
Laboratory Control (LCS)		Ý	
MS/MSD		. V	
Sample Data		V	
	Internal Standards	\/	
	Surrogate Recoveries	V	
	Linear ranges	ý	

\_\_\_\_\_

Additional Comments:

## **VOLATILES**

Date: <u>04/21/04</u> Project No.: 03110748

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
SB-9A	03110748-01	V56035	~	~	no
SB-9B	03110748-02	V56037	~	~	no
· · · · · · · ·					
			· · · · · · ·		
	E				
			· · · · · · · · · · ·		
A 144 .					

Comments:

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>SEMI-VOLATILES</u>

Date: 04/21/04	QB File IDs QBSV 112 1207
Review Performed By:	_QB File IDs
Project No. 03/10748	_QB File IDs
Client: <u>Envivascience</u>	QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	TCLBNA3)		
	DFTPP Criteria	У	
	%RSD Avg	Ý	
	CCC RSD	Y,	
	SPCC Rf	<u>×</u>	
Continuing Calibration	EX7747		
	% Diff CCC	Y	
	SPCC Rf		
DFTPP Criteria			
Method Blank			
Laboratory Control (LCS)		Ý.	
MS/MSD			
Sample Data		Y	
	Internal Standards		
	Surrogate Recoveries	$\checkmark$	
	Linear ranges	$\sim$	

Additional Comments:

## **SEMI-VOLATILES**

Date: 04/21/04 Project No.: 03110748

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
SB-9A	03110748-01	EX7751	~	~	no
SB-9B	03110748-02	EX7752	~	<b>v</b>	no
·····					
	·		· · · · - ===		
		·			
			· · · · · · · · · · · · · · · · · · ·		
	· · · - · · · · · · · · · · · · · · · ·				
· · · · · · · · · · · · · · · · · · ·	······				
·····					
- <u></u>					

Comments:

NU 21 04 Date:\_\_ **Review Performed By:** Project No. 03/10748 cience. Client: VIVOS

QB File IDs	QBPest 12 1003
QB File IDs	
QB File IDs	
QB File IDs	

QA/QC Criteria		Comments
Cal. Method ID		
Pest 1210		
DDT/Endrin Bkdwn.	<u> </u>	
%RSD	Y	· · · · · · · · · · · · · · · · · · ·
	,	
DDT/Endrin Bkdwn.	$\sim$	
% Difference	ý	
	Y	
	ý	
	$\checkmark$	
Surrogate Recoveries	<u> </u>	
Linear ranges	, У	
	iteria Cal. Method ID <i>Pest J210</i> DDT/Endrin Bkdwn. %RSD DDT/Endrin Bkdwn. % Difference Surrogate Recoveries Linear ranges	iteria       Acceptable(Y/N)         Cal. Method ID          Pest J210          DDT/Endrin Bkdwn.          %RSD          0          DDT/Endrin Bkdwn.          %RSD          %RSD          %DT/Endrin Bkdwn.          %Difference              %Difference              Surrogate Recoveries          Linear ranges

Additional Comments:

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>PESTICIDES</u>

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Date:\_04 21 104 Review Performed By: Â Project No. 03110748 viroscience Client: Er

QB File IDs_ <u>QBPCB120</u> 403
QB File IDs
QB File IDs
QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	o Çal. Method ID		
Initial Calibration	P9204		
	DDT/Endrin Bkdwn.	NA	
	%RSD	\	
		1	
Continuing Calibration			
	DDT/Endrin Bkdwn.	NA	
	% Difference	$\checkmark$	
Method Blank		4	
Laboratory Control (LCS)		$\checkmark$	
MS/MSD		$\checkmark$	
Sample Data		Ý.	
	Surrogate Recoveries	$\checkmark$	
	Linear ranges	¥	

Additional Comments:

#### PESTICIDE/PCB

Date: <u>04/21/04</u> Project No.: <u>03110748</u>

Client Sample ID	York Sample ID	Data File	Surrogates	Dilution *
SB-9A	03110748-01	PEST_033/PCB_045	>	no
SB-9B	03110748-01	PEST_034/PCB_046	~	no
				·
			······	
<u> </u>				··· ·· ·

Comments: \* = Pesticide soils are run at a 1:10 dilution.

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>METALS (No Hg)</u>

Date: 04/21/ YX) Review Performed By:\_ Project No. 03/10748 Client: <u>Envivoscience</u>

	QB File IDs QBI 120303.b
-	QB File IDs
•	QB File IDs
	QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
Initial Calibration			
	ICV	V	
	ICB	Ý	
	LCS D-034	4	
Continuing Calibration		1	
	CCVs CCV 7	V	
	CCBs (CB 7	N/N*	Fe, Ma, Na + Ca over MDL
	Ending QC	Y/N	Fe, Ma, AI, Na+ (a over MDL
Digestion Blank	12/03E	Ň	Nat Ca over MDL.
Laboratory Control (LCS)		$\checkmark$	
Spike/Dups		ý	
Sample Data		Ý	
	Linear ranges/Dil.		

Additional Comments: <u>KNA+CA</u> (NEV MD)

Date: 04 ้ว SW) Review Performed By: Project No. 03110748 Client: Enviroscience

QB File IDs QBHq120303
QB File IDs
QB File IDs
QB File IDs

QA/QC Criteria		Comments		
120303				
ICV	$\mathbf{Y}$			
ICB	, , ,			
LCS	,			
	/			
CCVs CCV & CCV9	V			
CCBs	Y			
Ending QC	Ý			
	$\langle \rangle$			
748-01	/			
	$\bigvee$			
Linear ranges/Dil.	X			
	riteria 120303 ICV ICB LCS CCVs $CCV & CCV9$ CCBs Ending QC 748 - 01 Linear ranges/Dil.	riteria Acceptable(Y/N) 120303 1CV $Y1CB$ $YLCS$ $YCCVs$ $CCV & CCV9$ $YCCBs$ $YEnding QC Y748 - 01$ $YLinear ranges/Dil.$		

Additional Comments:

April 22, 2004

#### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

#### Re: Data Validation Summary for York Project No. 03120259

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very truly yours,

Robert Q. Bradley Managing Director

cc: R. August

#### York Project No. 03120259

This project consisted of fourteen (14) soil samples. Parameters for the samples requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (total and dissolved) (6010 and 7471).

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No sample dilutions were necessary, except for samples MW-8 and MW-2-1992 which were run at a 2x dilution due to matrix.

<u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits.

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

One sample required dilution due to matrix: MW-7 at 2x.

<u>Pesticides/PCB</u>-GC Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No samples required dilution for analysis for PCB or Pesticide analysis.

Metals- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Ca and Na in CCBs 1-5. The data are not affected. The data for these elements may be qualified with a B flag.

CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batch 1209A showed slight detections of Ca and Na. No further action is necessary.

All samples exhibited target metals within the linear range of the ICP.

Serial dilutions recovered within method limits

All ending QC (CCV, CCB, CRI, ICSA, and ICSAB) were within criteria except for slight detection of Fe, Mg, Na and Ca seen in the ending QC sequence due to carryover from the previous sample. The data are not affected. These elements may be qualified with a B flag.

Mercury- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

Date: 04/22/04 SN Review Performed By:\_\_\_\_ Project No. 03/20259 Client: Enviroscience,

QB File IDs QBV1121203A QB File IDs\_<u>QB V1121203B</u> QB File IDs QB File IDs\_\_\_\_\_

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	VICII9W		
	BFB Criteria		
	%RSD Avg	<u> </u>	
	CCC RSD	Ý	
	SPCC Rf	ý.	
Continuing Calibration	407988 V08005	,	
	% Diff CCC	V	
	SPCC Rf	<u> </u>	
BFB Criteria		ý.	
Method Blank		$\checkmark$	
Laboratory Control (LCS)		¥.	
MS/MSD	259-08	Į,	
Sample Data		$\checkmark$	
	Internal Standards	V.	
	Surrogate Recoveries	\	
	Linear ranges	ý	dilutions noted

Additional Comments: \_\_\_\_

## **VOLATILES**

Date: 04/22/04 Project No.: 03120259

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
TB-12/4	03120259-01	VO7995	~	~	no
MW-6	03120259-02	VO7996	>	~	no
MW-7	03120259-03	VO7997	>	V	no
MW-5	03120259-04	VO7998	~	<b>v</b>	no
DW-1	03120259-05	VO7999	~	~	no
MW-2-1998	03120259-06	VO8000	~	~	no
MW-3-1998	03120259-07	VO8001	~	<b>v</b>	no
DW-2	03120259-08	VO8002	<b>&gt;</b>	>	no
MW-8	03120259-09	VO8003	~	~	2x - matrix
MW-2-1992	03120259-10	VO8004	~	<b>v</b>	2x - matrix
MW-9	03120259-11	VO8007	~	<b>v</b>	no
MW-4-1998	03120259-12	VO8008	<b>v</b>	~	no
EB-12/4	03120259-13	VO8009	~	~	no
MW-15	03120259-14	VO8010	~	~	no

\_\_\_\_\_

Comments:

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>SEMI-VOLATILES</u>

Date: 04/22Review Performed By: Project No. 03120259 Client Enviroscience

QB File IDs <u>QBSV1121903</u> A QB File IDs QBSV1121603A \_\_\_\_\_QB File IDs\_\_\_\_\_ QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	TCLBNA31		
	DFTPP Criteria	V V	
	%RSD Avg	Ý	
	CCC RSD	ý	
	SPCC Rf	_ Ý	
Continuing Calibration	EX7894 EX8030	)	
	% Diff CCC		
	SPCC Rf	<u> </u>	
DFTPP Criteria		V	
Method Blank		4	
Laboratory Control (LCS)		V V	
MS/MSD	259-08	, V	
Sample Data			
	Internal Standards	ý	
	Surrogate Recoveries	ý	1
	Linear ranges		dilutions noted

\_\_\_\_\_

Additional Comments: \_

#### **SEMI-VOLATILES**

Date: <u>04/22/04</u> Project No.: 03120259

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
MW-6	03120259-02	EX8036	•	~	no
MW-7	03120259-03	EX8037	>	~	2x - matrix
MW-5	03120259-04	EX7915	>	~	no
DW-1	03120259-05	EX8038	>	<b>v</b>	no
MW-2-1998	03120259-06	EX8039	>	<b>~</b>	no
MW-3-1998	03120259-07	EX8040	>	<ul> <li>Image: A second s</li></ul>	no
DW-2	03120259-08	EX8041	•	<b>v</b>	no
MW-8	03120259-09	EX8044	*	~	no
MW-9	03120259-11	EX8045	>	~	no
MW-4-1998	03120259-12	EX8046	*	•	no
EB-12/4	03120259-13	EX8047	>	~	no
MW-15	03120259-14	EX8048	*	<b>~</b>	no

Comments:

Date: 04/22/ 04 Review Performed By: \_\_\_\_\_\_ Project No. 03/20259 Client: ENVIROSCIENCE

QB File IDs_	QBPESTI216Q3
_ QB File IDs_	
_ QB File IDs_	·
QB File IDs	

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	Pestialo		
	DDT/Endrin Bkdwn.	¥	
	%RSD	У	
		1	
Continuing Calibration			
	DDT/Endrin Bkdwn.	<u> </u>	
	% Difference	ý	
Method Blank		<u> </u>	
Laboratory Control (LCS)		¥	
MS/MSD		V	
Sample Data	12/11/03	Ý	
	Surrogate Recoveries	¥	
	Linear ranges	Ý	
I		/	

Additional Comments:

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>PESTICIDES</u>

Date: 04/22/04 <u>80</u> Review Performed By:\_\_\_\_ Project No. 03120259 Client: Enviroscience

QB File IDs_QBPC_BI21603
QB File IDs
QB File IDs
OB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PCB-1204		
	DDT/Endrin Bkdwn.	NA	
	%RSD	Y	
		/	
Continuing Calibration			
	DDT/Endrin Bkdwn.	NA	
	% Difference	V	
Method Blank		4	
Laboratory Control (LCS)		Ý	
MS/MSD		1	
Sample Data		, ,	
	Surrogate Recoveries	V.	
	Linear ranges	ý.	

Additional Comments:

#### PESTICIDE/PCB

Date: <u>04/22/04</u> Project No.: <u>03120259</u>

Client Sample ID	York Sample ID	Data File	Surrogates	Dilution
MW-6	03120259-02	PEST_008/PCB_004	<ul> <li></li> </ul>	no
MW-7	03120259-03	PEST_009/PCB_005	<b>&gt;</b>	no
MW-5	03120259-04	PEST_010/PCB_006	Ý	no
DW-1	03120259-05	PEST_011/PCB_007	~	no
MW-2-1998	03120259-06	PEST_012/PCB_008	>	no
MW-3-1998	03120259-07	PEST_013/PCB_009	<b>&gt;</b>	no
DW-2	03120259-08	PEST_015/PCB_010	>	no
MW-8	03120259-09	PEST_018/PCB_011	>	no
MW-9	03120259-11	PEST_019/PCB_012	>	no
MW-4-1998	03120259-12	PEST_020/PCB_013	~	no
EB-12/4	03120259-13	PEST_021/PCB_015	>	no
MW-15	03120259-14	PEST_022/PCB_016	>	no

Comments:

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>METALS (No Hg)</u>

Date: <u>04/32/04</u>	QB File IDs QBI 120903A
Review Performed By: <u>800</u>	QB File IDs
Project No. 03/20259	QB File IDs
Client: Enviroscience	QB File IDs

	riteria	Acceptable(Y/N)	Comments
Initial Calibration			
	ICV	$\bigvee$	
	ICB	Ý	
	LCS P.093	$\checkmark$	
Continuing Calibration			
	CCVI CCV2 CCVs CCV3 (CV4 CCV5	y/y/y/y/y	
	CCBs CCB1 CCB2 CCBs CCB3 CCB4 CCB4	N/N/N/N	Na + CA over MDL
	Ending QC	V/N	Fe, Ma, Na + Ca ove MDL
Digestion Blank	12/09 A	N	Nat Ca over MDL
Laboratory Control (LCS)	p.093	$\checkmark$	
Spike/Dups	259-08	Ý	
Sample Data		4	
	Linear ranges/Dil.	Ý	
		r	

\_\_\_\_\_

Additional Comments: \_

Date: 04/22/04 Review Performed By:\_\_\_\_\_ Project No. <u>03/20259</u> Client: <u>Enviroscience</u>

QB File IDs_ <u>QBH9121103</u>
QB File IDs
QB File IDs
QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration	12/103		
	ICV	$\mathbf{N}$	
	ICB	ý.	
	LCS	$\checkmark$	
Continuing Calibration			
	CCVS CCV3 CCV4 CCV5	V	
	CCBSCCB3 CCB4 CCB	5 ¥	
	Ending QC		
Digestion Blank		4	
Laboratory Control (LCS)			
Spike/Dups	259-08	Ý	
Sample Data		, , , , , , , , , , , , , , , , , , ,	
	Linear ranges/Dil.	Ý	

**W B** 

Additional Comments:

April 23, 2004

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#### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

#### Re: Data Validation Summary for York Project No. 04020283

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very truly yours,

Robert Q. Bradley Managing Director

cc: R. August

#### York Project No. 04020283

This project consisted of three (3) soil and four (4) aquoues samples. Parameters for the samples requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (total and dissolved) (6010 and 7471).

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No sample dilutions were necessary, except for sample GP-22 which was run at a 2x dilution due to matrix.

<u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits.

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

Two samples required dilution at 10x due to matrix: SB-31A and SB-32A

<u>Pesticides/PCB</u>-GC Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No samples required dilution for analysis for PCB or Pesticide analysis.

Soil samples for pesticides were run at 10x dilution due to matrix.

Metals- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Ca and Na in CCBs 2 and 4. The data are not affected. The data for these elements may be qualified with a B flag.

CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batch 0217A showed slight detections of Ca and Na. No further action is necessary.

All samples exhibited target metals within the linear range of the ICP.

Serial dilutions recovered within method limits

All ending QC (CCV, CCB, CRI, ICSA, and ICSAB) were within criteria.

Mercury- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>VOLATILES</u>

Date:\_04 Review Performed By: Project No. 04020283 Client: ENVIROSCIENCE



QA/QC Criteria		Acceptable(Y/N)	Comments
Initial Calibration	Cal. Method ID V3C52 A VICI83W V3C52B		
	BFB Criteria	V.	
	%RSD Avg	ý	
	CCC RSD		
	SPCC Rf	V	
Continuing Calibration	V10721 V31395 V31396	1	
	% Diff CCC	<u> </u>	
	SPCC Rf	V V	
BFB Criteria			
Method Blank		Ý	
Laboratory Control (LCS)			
MS/MSD	283-02	<u> </u>	
Sample Data	21820-01	Ń.	
	Internal Standards	Ý	
	Surrogate Recoveries	V V	
	Linear ranges	$\checkmark$	dilutions noted

Additional Comments:

2

## **VOLATILES**

Date: <u>04/22/04</u> Project No.: 04020283

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
SB-31A	04020283-01	V31406	~	~	no
SB-31B	04020283-02	V31405	>	~	no
SB-32A	04020283-03	V31408	>	>	no
TB-2/11	04020283-04	V10733	>	~	no
GP-21	04020283-05	V10734	>	~	no
GP-22	04020283-06	V10735	>	<b>~</b>	2x - matrix
EB-2/11-GW	04020283-07	V10736	>	>	no
· · · · · ·					

Comments:

Date: 04/22/04 Review Performed By:\_\_\_\_\_\_ Project No. 04020283 \_\_\_\_\_

Date: <u>04/22/04</u>	QB File IDs_QBSV 1021804A
	QB File IDs
Project No. 0402028.3	QB File IDs
Client: <u>Enviroscience</u>	QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	TCLBNA34		
	DFTPP Criteria	Y	
	%RSD Avg	Ň	
	CCC RSD	¥	
	SPCC Rf	V.	
Continuing Calibration	EX9898	1	
	% Diff CCC	V	
	SPCC Rf		
DFTPP Criteria		$\checkmark$	
Method Blank		$\checkmark$	
Laboratory Control (LCS)		$\checkmark$	
MS/MSD	283-02	¥	
Sample Data		$\sim$	
	Internal Standards	< <u>/</u>	
	Surrogate Recoveries	$\checkmark$	
	Linear ranges		dilutionsnoted
		/	· · · · ·

Additional Comments: \_

## SEMI-VOLATILES

Date: 04/22/04 Project No.: 04020283

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
SB-31A	04020283-01	EX9913	<b>&gt;</b>	>	10x - matrix
SB-31B	04020283-02	EX9908	>	>	no
SB-32A	04020283-03	EX9914	>	>	10x - matrix
GP-21	04020283-05	EX9899	>	>	no
EB-2/11-GW	04020283-07	EX9900	>	•	no

Comments:

A REPORT OF A REPORT

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>PESTICIDES</u>

1221 Date:\_()4 Review Performed By:\_\_\_ SU Project No. 04020283 Client: Enviroscience

QB File IDs_QBPCB021804_
QB File IDs
QB File IDs
QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PCB-0218		
	DDT/Endrin Bkdwn.	NA	
	%RSD	Y	
Continuing Calibration			
	DDT/Endrin Bkdwn.	NA	
	% Difference	Y	
Method Blank		ý	· · · · · · · · · · · · · · · · · · ·
Laboratory Control (LCS)			
MS/MSD		$\checkmark$	
Sample Data			
	Surrogate Recoveries		
	Linear ranges		
	3	/	

Additional Comments:

Date:\_04 Review Performed By: Project No. 04020283 Client: FNV OSCI

QB File IDs QBPCS+ 021704
QB File IDs
QB File IDs

QB File IDs\_\_\_\_\_

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	Pest 0217		
	DDT/Endrin Bkdwn.	У	
	%RSD	Ý	
Continuing Calibration			
	DDT/Endrin Bkdwn.	× ×	
	% Difference	Ý	
Method Blank		V	
Laboratory Control (LCS)		$\downarrow$	
MS/MSD		V.	
Sample Data		<u> </u>	
	Surrogate Recoveries	4	
	Linear ranges	Ý	
		7	

Additional Comments:

#### PESTICIDE/PCB

Date: <u>04/22/04</u> Project No.: <u>04020283</u>

Client Sample ID	York Sample ID	Data File	Surrogates	Dilution *
SB-31A	04020283-01	PEST_038/PCB_012	•	no *
SB-31B	04020283-02	PEST_039/PCB_013	>	no *
SB-32A	04020283-03	PEST_042/PCB_014	>	no *
GP-21	04020283-05	PEST_020/PCB_007	>	no
EB-2/11-GW	04020283-07	PEST_021/PCB_008	~	no
-				

Comments: \* = Pesticide soils are run at a 1:10 dilution

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>METALS (No Hg)</u>

Date: 04/22/04 Review Performed By:\_\_\_\_\_\_ Project No. 040 20283 \_\_\_\_ Client: ENVIVOSCIENCE

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QB File IDs <u>QBJ021704A</u>
QB File IDs QBI021804 A
QB File IDs
QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration			
	ICV	$\checkmark$	
	ICB	V V	
	LCS P.093/D 037	, X	
Continuing Calibration		7	
	CCVI CCVZ 02/19 CCVs CCVI CCVZ 02/18	t V	
	CCBs	N/N#/N/N#KK	Nat Ca over MDL
	Ending QC	$\checkmark$	
Digestion Blank		N/N	Nat Ca Over MDL
Laboratory Control (LCS)		Υ ·	
Spike/Dups	283-02	ý	
Sample Data		Ý	
	Linear ranges/Dil.		
Additional Comments: KCA (NEX MDL)			

\*\* CU, Na, Ca over MDL

Date: 04/22/04 Review Performed By: \_\_\_\_\_\_ Project No. 04020283

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Date: 04/22/04	QB File IDs QBHQ021704
	QB File IDs
Project No. 04020283	QB File IDs
Client: <u>ENVICOSCIENCE</u>	QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration			
	ICV	V V	
	ІСВ	Ý	
	LCS	Ý	
Continuing Calibration		1	
	CCVs CCV1 CCV2 CCV3	Y	
	CCBs CCBI CCB2	Ý	
	Ending QC	, V	
Digestion Blank		Ý	
Laboratory Control (LCS)			
Spike/Dups	283-02	4	
Sample Data		Ý	
	Linear ranges/Dil.		

Additional Comments:

April 26, 2004

#### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

#### Re: Data Validation Summary for York Project No. 04020284

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very traly yours,

Robert Q. Bradley Managing Director

cc: R. August
#### York Project No. 04020284

This project consisted of twenty one (21) soil samples and one aqueous sample (equip. blk). Parameters for the samples requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (total and dissolved) (6010 and 7471).

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No sample dilutions were necessary with the exception of sample SB-21A which was run at a 20x dilution due to matrix.

<u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria with the following exceptions. Samples SB-21A, SB-24A, SB-29A, and SB-30A exhibited supression of the last internal std.-d12-perylene. This was confirmed by re-running the sample at larger dilutions, 10x and 25x, which also exhibited suppression of this internal std. Compounds quantitated under perylene-d12 may be biased high and should be flagged "J".

Surrogate recoveries, where not diluted out, were found to be within control limits. It is noted that the following samples required dilution due to matrix: SB-22A(10x), -23B(10x), -24B(10x/25x), -26A(10x),

-27A(10x), -27B(10x), -28A(10x), and -30A(10x). The following samples were diluted due to target compounds which diluted out the surrogates: SB-21A(25x), -25B(10x), and -29A(25x).

Matrix spike/matrix spike duplicates were site specific but due to matrix, the MS/MSD compounds were diluted out. Batch QC was used for this SDG and was within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges except for samples SB-21A(25x), -25B(10x), and -29A(25x) and -24B(25x).

<u>Pesticides/PCB</u>-GC Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

All samples for pesticides were run at 10x due to matrix. Certain PCB samples required dilution- SB-23A and SB-24A which were both run at 10x dilutions.

Metals- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Ca, Al and Na in CCBs 1, 2, 5, 6, and 7. The data are not affected. The data for these elements may be qualified with a B flag.

CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batch 0217C showed slight detections of Ca and Na. No further action is necessary.

All samples exhibited target metals within the linear range of the ICP. Certain samples required dilution to the presence of Ca, Na and Fe.

Serial dilutions recovered within method limits.

Mercury- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>VOLATILES</u>

Date:\_OL Review Performed By: Project No. 04020284 NP Client:

QB File IDs <u>W1021304</u>A QB File IDs <u>QBV3021404A</u> (A+B) QB File IDs <u>QBV3021404B</u> (A+B) QB File IDs <u>QBV3021604A</u> (A+B)

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	VICI23W V3C52A		
	BFB Criteria	<u> </u>	
	%RSD Avg	Ý	
	CCC RSD	<u> </u>	
	SPCC Rf	V	
Continuing Calibration	V10721 V31396 V3143 V31395 V31429 V3144	0 / 7 V31448	
	% Diff CCC	V	
	SPCC Rf	Ý	
BFB Criteria		, V	
Method Blank		$\checkmark$	
Laboratory Control (LCS)		Ý	
MS/MSD		V V	
Sample Data	284 - 14		
	Internal Standards	$\swarrow$	
	Surrogate Recoveries	$\checkmark$	
	Linear ranges	ý	dilutions noted.
		, ,	

Additional Comments:

## **VOLATILES**

Date: <u>04/22/04</u> Project No.: 04020284

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
SB-21A	04020284-01	V31410	✓	~	20x - matrix
SB-21B	04020284-02	V31411	<b>v</b>	>	no
SB-22A	04020284-03	V31412	~	>	no
SB-22B	04020284-04	V31413	~	~	no
SB-23A	04020284-05	V31414	*	~	no
SB-23B	04020284-06	V31415	<b>&gt;</b>	~	no
SB-24A	04020284-07	V31416	~	~	no
SB-24B	04020284-08	V31417	~	~	no
SB-25A	04020284-09	V31418	>	~	no
SB-25B	04020284-10	V31419	>	~	no
SB-26A	04020284-11	V31420	<b>~</b>	~	no
SB-26B	04020284-12	V31421	¥	~	no
SB-27A	04020284-13	V31444	¥	~	nó
SB-27B	04020284-14	V31439	~	~	no
SB-28A	04020284-15	V31465	~	~	no
SB-28B	04020284-16	V31423	¥	~	no
SB-29A	04020284-17	V31466	~	~	no
SB-29B	04020284-18	V31425	~	~	no
SB-30A	04020284-19	V31426	~	~	no
SB-30B	04020284-20	V31427	~	v	no
SB-32B	04020284-21	V31428	~	~	no
EB-2/11-SOIL	04020284-22	V10737	~	¥	no

#### Comments:

Date: 04/22 Review Performed By:\_\_\_\_\_\_ Project No. 04020284 QB File IDs @BSV 1022004 Client: <u>Enviroscience</u> QB File IDs\_

QB File IDs\_ QBSV1021804A QB File IDs\_<u>(185V 1021804 F</u> \_\_\_\_\_QB File IDs\_(185V 102404 A

QA/QC C	riteria	Acceptable(Y/N)	Comments	
	Cal. Method ID			
Initial Calibration	TCLBNA34			
	DFTPP Criteria	V		
	%RSD Avg	, , ,		
	CCC RSD	$\checkmark$		
	SPCC Rf	Ý		
Continuing Calibration	EX 9891 EX 9922 EX 996	/		
	% Diff CCC	V		
	SPCC Rf	V V		
DFTPP Criteria		X/		
Method Blank		¥		
Laboratory Control (LCS)		4		
MS/MSD	284-14	Ý	did not use sample.	RC-ba
Sample Data		1		alite
	Internal Standards	V V	matrix called suppression	LA P
	Surrogate Recoveries	, V	some diluted out	Batch
	Linear ranges	, <u> </u>	dilutions noted	] instea
		1		

Additional Comments: \_

#### SEMI-VOLATILES

Date: <u>04/22/04</u> Project No.: 04020284

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
SB-21A	04020284-01	EX9976	*	Diluted out	25x - targets
SB-21B	04020284-02	EX9923	<b>&gt;</b>	~	2x - matrix
SB-22A	04020284-03	EX9917	<	Diluted out	10x - matrix
SB-22B	04020284-04	EX9902	<	>	no
SB-23A	04020284-05	EX9924	~	~	5x - matrix
SB-23B	04020284-06	EX9930	¥	Diluted out	10x - matrix
SB-24A	04020284-07	EX9931	*	Diluted out	**
SB-24B	04020284-08	EX9912	~	~	5x - matrix
SB-25A	04020284-09	EX9911	~	~	no
SB-25B	04020284-10	EX9925	~	Diluted out	10x - targets
SB-26A	04020284-11	EX9915	~	Diluted out	10x - matrix
SB-26B	04020284-12	EX9903	~	*	no
SB-27A	04020284-13	EX9918	~	Diluted out	10x - matrix
SB-27B	04020284-14	EX9926	~	Diluted out	10x - matrix
SB-28A	04020284-15	EX9927	~	Diluted out	10x - matrix
SB-28B	04020284-16	EX9904	~	~	no
SB-29A	04020284-17	EX9974	*	Diluted out	25x - targets
SB-29B	04020284-18	EX9905	*	<b>v</b>	no
SB-30A	04020284-19	EX9929	*	Diluted out	10x - matrix
SB-30B	04020284-20	EX9906	~	¥	no
SB-32B	04020284-21	EX9907	~	¥	no
EB-2/11-SOIL	04020284-22	EX9901	~	~	no

Comments: \* = Due to matrix interference, the last IS (Perylene-d12) was suppressed. These samples were rerun at various dilutions to confirm.

\*\* = A 10x dilution was reported for this sample for all compounds except Bis(2-ethylhexyl) phthalate. This compound was reported at a 25x dilution.

Date: ()4 SU Review Performed By: Project No. 04020284

QB File IDs ABPEST 021704 QB File IDs\_\_\_\_\_

QB File IDs

ence Client: Enviroscu

QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	Pestoal7		
	DDT/Endrin Bkdwn.	Ŋ	
	%RSD	$\checkmark$	
		)	
Continuing Calibration			
	DDT/Endrin Bkdwn.	N	
	% Difference	$\bigvee$	
Method Blank		\	
Laboratory Control (LCS)			
MS/MSD	284-14		
Sample Data		$\square$	
	Surrogate Recoveries		
	Linear ranges	V	

Additional Comments:

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>PESTICIDES</u>

Date:\_\_\_\_4 1/jL Review Performed By:\_ X Project No. 04020284 Client: Enviroscience

QB File IDs_QBPCB021804
QB File IDs <u>QBPCB021904</u>
QB File IDs
QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PCB-0218		
	DDT/Endrin Bkdwn.	NA	
	%RSD	<u> </u>	
Continuing Calibration			
	DDT/Endrin Bkdwn.	NA	
	% Difference	¥.	
Method Blank		¥	
Laboratory Control (LCS)		<u> </u>	
MS/MSD		Ý	
Sample Data		4	
	Surrogate Recoveries	Ý	
	Linear ranges	ý	dilutions noted

Additional Comments:

#### PESTICIDE/PCB

Date: <u>04/22/04</u> Project No.: <u>04020284</u>

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Client Sample ID	York Sample ID	Data File	Surrogates	Dilution *
SB-21A	04020284-01	PEST_047/PCB_015	>	no
SB-21B	04020284-02	PEST_048/PCB_016	>	no
SB-22A	04020284-03	PEST_049/PCB_017	~	no
SB-22B	04020284-04	PEST_050/PCB_018	~	no
SB-23A	04020284-05	PEST_051/PCB_013	>	1:10
SB-23B	04020284-06	PEST_052/PCB_020	¥	no
SB-24A	04020284-07	PEST_073/PCB_014	~	1:10
SB-24B	04020284-08	PEST_053/PCB_023	~	no
SB-25A	04020284-09	PEST_057/PCB_024	~	no
SB-25B	04020284-10	PEST_058/PCB_025	<b>v</b>	no
SB-26A	04020284-11	PEST_059/PCB_026	~	no
SB-26B	04020284-12	PEST_060/PCB_027	~	no
SB-27A	04020284-13	PEST_061/PCB_028	<b>v</b>	no
SB-27B	04020284-14	PEST_062/PCB_005	~	no
SB-28A	04020284-15	PEST_065/PCB_006	<b>v</b>	no
SB-28B	04020284-16	PEST_066/PCB_007	~	no
SB-29A	04020284-17	PEST_068/PCB_008	~	no
SB-29B	04020284-18	PEST_069/PCB_009	<b>v</b>	no
SB-30A	04020284-19	PEST_070/PCB_010	~	no
SB-30B	04020284-20	PEST_071/PCB_011	¥	no
SB-32B	04020284-21	PEST_072/PCB_012	~	no
EB-2/11-SOIL	04020284-22	PEST_022/PCB_008	~	no

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Comments: \* = Pesticide soils are run at a 1:10 dilution

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>METALS (No Hg)</u>

Date: 04/22/04 Review Performed By:\_\_\_\_\_ Project No. 04020284 Client: Enviroscience

QB File IDs OBIO21704A	_	
QB File IDS-ABIO21804A	see next	page
QB File IDs	-	1 0
QB File IDs	_	

QA/QC Criteria		Acceptable(Y/N)	Comments
Initial Calibration			
	ICV	V	
	ICB	$\checkmark$	
	LCS P-093/D-037	$\checkmark$	
Continuing Calibration		/	
	CCVSLCVJ CCV2 02/17	V	
	CCBS (CB) CCB2CCB	N/N* N/N**/N	Na+Ca over MDL
	Ending QC	, ,	see below
Digestion Blank	02/17C	N	Na + Ca OVER MDL
Laboratory Control (LCS)	P.093/D037	V	
Spike/Dups	284-14	ý	
Sample Data		$\checkmark$	
	Linear ranges/Dil.	×	

Additional Comments: <u>Run did not finish-note on QBFile:</u>
plasma out due to autosampler lost. See
QBIO21804A, continued batch on m
*- CA OVER MOL
NEVE-AL, NG. CA OVER MOL

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>METALS (No Hg)</u>

Date: 04/22/04 Review Performed By: <u>8</u>W Project No. <u>04020284</u> Client: <u>FNVIVOSCIENCE</u>

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QB File IDs QBT 021804A
QB File IDs
QB File IDs
QB File IDs

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QA/QC Criteria		Acceptable(Y/N)	Comments
Initial Calibration			
	ICV	V	
	ICB	Ý	
	LCS D-037	X	
Continuing Calibration		,	
	CCVs CCV   CCV2	$\checkmark$	
	CCBS CCB1 CCB2	N/N¥	Nat Ca over MDL
	Ending QC	ý	
Digestion Blank	02/170	Ń.	Nat Ca over MFL
Laboratory Control (LCS)	D-037	<u>у</u>	
Spike/Dups		Ń	
Sample Data		, , ,	
	Linear ranges/Dil.	Ú V	
		1	
Additional Comments:	Cur, Na, Ca (	Ner MD	

Date:\_\_\_\_\_L Review Performed By: Project No. 04020284 Client:\_\_\_\_\_\_\_\_\_\_ NCP.

QB File IDs QBHQO217 \_\_\_ QB File IDs\_\_\_\_\_ QB File IDs\_\_\_\_\_ QB File IDs\_\_\_\_\_

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration	021704		
	ICV	V	
	ICB	Ý	
	LCS		
Continuing Calibration	CCV3 CCV4 CCV6		
	CCVs	V	
	CCBs	4	
	Ending QC	Ý	
Digestion Blank		$\bigvee$	
Laboratory Control (LCS)		V V	
Spike/Dups	284-14	Ý.	
Sample Data			
	Linear ranges/Dil.	¥	
Laboratory Control (LCS) Spike/Dups Sample Data	<u> 184 - </u> Ц Linear ranges/Dil.		

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Additional Comments: \_

April 26, 2004

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#### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

#### Re: Data Validation Summary for York Project No. 04030446

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very truly yours,

Robert Q. Bradley Managing Director

cc: R. August

#### York Project No. 04030446

This project consisted of five(5) soil samples. Parameters for the samples requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (total and dissolved) (6010 and 7471).

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No sample dilutions were necessary.

<u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria with the following exceptions. Samples TB-4, -5, -6, and -7 exhibited supression of the last internal std.-d12-perylene. This was confirmed by re-running the sample at larger dilutions, 10x and 25x, which also exhibited suppression of this internal std. All data for these samples was reported using the 5x dilution. Compounds quantitated under perylene-d12 may be biased high and should be flagged "J".

Surrogate recoveries, where not diluted out, were found to be within control limits. It is noted that the all samples in this SDG required dilution due to matrix.

Matrix spike/matrix spike duplicates were not site specific. Batch QC was used for this SDG and was within acceptance limits for recovery and RPD.

<u>Pesticides/PCB</u>-GC Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

All samples for pesticides were run at 10x due to matrix. Sample TP-8 for PCB required dilution at 10x due to matrix.

<u>Metals</u>- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Al, Ca and Na in CCBs 1 and 2. The data are not affected. The data for these elements may be qualified with a B flag.

CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batch 0316A showed slight detections of Ca and Na. No further action is necessary.

All samples exhibited target metals within the linear range of the ICP, except for iron, which also caused signal suppression and required dilution of all samples at 10x.

Serial dilutions recovered within method limits.

Mercury- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>VOLATILES</u>

'04 Date: 04 Review Performed By. 800 Project No. 04030446 Client: ENVIROSCIENCE

QB File IDs <u>QBV3032</u>304A \_\_\_\_ QB File IDs\_QBV3032304 A -\_\_\_\_QB File IDs QB File IDs\_\_\_\_\_

QA/QC CI	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	V3C56A V3C56B		
	BFB Criteria	Y	
	%RSD Avg	, Y	
	CCC RSD		
	SPCC Rf	ý	
Continuing Calibration	V33177 V33178	/	
	% Diff CCC	$\bigvee$	
	SPCC Rf	Ý	
BFB Criteria		$\lambda_{i}$	
Method Blank		$\checkmark$	
Laboratory Control (LCS)		<u> </u>	
MS/MSD		$\checkmark$	
Sample Data		</td <td></td>	
	Internal Standards	$\checkmark$	
	Surrogate Recoveries	Ý.	
	Linear ranges	ý	

Additional Comments:

#### **VOLATILES**

Date: <u>04/23/04</u> Project No.: 04030446

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
TP-4	04030446-01	V33187	~	~	no
TP-5	04030446-02	V33188	~	~	no
TP-6	04030446-03	V33189	<b>v</b>	~	no
TP-7	04030446-04	V33190	>	~	no
TP-8	04030446-05	V33191	>	<b>v</b>	no
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#### Comments:

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>SEMI-VOLATILES</u>

Date: 04/23/04 SW Review Performed By:\_ Project No. 04030446 Client: Enviroscience,

QB File IDs<u>QBSV1040104</u> \_\_\_\_QB File IDs\_\_\_\_\_ QB File IDs\_\_\_\_\_

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	TCLBNA37		
	DFTPP Criteria	Y	
	%RSD Avg		
	CCC RSD	\	
	SPCC Rf	V T	
Continuing Calibration	EX 1091 EX1135		
	% Diff CCC	Y	
	SPCC Rf	Y	
DFTPP Criteria			
Method Blank		$\sim$	
Laboratory Control (LCS)		$\checkmark$	
MS/MSD		V	
Sample Data		Ň,	
	Internal Standards	1	exceptions noted
	Surrogate Recoveries		exceptions noted
	Linear ranges		dilutions noted

Additional Comments: \_

#### **SEMI-VOLATILES**

Date: <u>04/23/04</u> Project No.: 04030446

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
TP-4	04030446-01	EX1100	*	~	5x - matrix
TP-5	04030446-02	EX1101	*	~	5x - matrix
TP-6	04030446-03	EX1102	*	~	5x - matrix
TP-7	04030446-04	EX1103	*	~	5x - matrix
TP-8	04030446-05	EX9966	~	Diluted out	50x - matrix

Comments: \* = In some samples, the last IS (Perylene-d12) is suppressed. Client/site history confirm these results.

Date: 04/23/04	QB File IDs QBPEST 632404
Review Performed By:	QB File IDs
Project No. 04030446	QB File IDs
Client: Enviroscience	QB File IDs

iteria	Acceptable(Y/N)	Comments
Cal. Method ID		
Pest0324		
DDT/Endrin Bkdwn.	У	
%RSD	4	
	(	
DDT/Endrin Bkdwn.	$\searrow$	
% Difference	ý	
	$\bigvee$	
	$\checkmark$	
	$\checkmark$	
	, V	
Surrogate Recoveries		
Linear ranges	¥	
	iteria Cal. Method ID Pest 0324 DDT/Endrin Bkdwn. %RSD DDT/Endrin Bkdwn. % Difference Surrogate Recoveries Linear ranges	iteria  Acceptable(Y/N)    Cal. Method ID

Additional Comments:

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Date: (\*) いい Review Performed By: XI) Project No. 04030446 Client: ENVIVOSCIENCE QB File IDs\_\_\_\_\_

QB File IDs\_<u>QDFCB03</u>23 QB File IDs QBPCB0322 QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PCB-0322		
	DDT/Endrin Bkdwn.	NA	
	%RSD	Y	
		1	
Continuing Calibration			
	DDT/Endrin Bkdwn.	NA	
	% Difference	$\checkmark$	
Method Blank		{/	
Laboratory Control (LCS)		¥	
MS/MSD		ý	
Sample Data		ý	
	Surrogate Recoveries	<u> </u>	
	Linear ranges	ý	Dilutions noted

Additional Comments:

#### PESTICIDE/PCB

Date: <u>04/23/04</u> Project No.: <u>04030446</u>

Client Sample ID	York Sample ID	Data File	Surrogates	Dilution *
TP-4	04030446-01	PEST_013/PCB_008	>	no
TP-5	04030446-02	PEST_014/PCB_009	>	no
TP-6	04030446-03	PEST_015/PCB_010	>	no
TP-7	04030446-04	PEST_016/PCB_011	>	no
TP-8	04030446-05	PEST_017/PCB_004	>	1:10
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Comments: \* = Pesticide soils are all run at a 1:10 dilution.

Date: 04/23/04 Review Performed By: <u>80</u> Project No. 04030446 Client: Enviroscience

QB File IDs 📿	BI031604B
QB File IDs	· -
QB File IDs	
QB File IDs	

QA/QC Criteria		Acceptable(Y/N)	Comments
Initial Calibration			
	ICV	Ý	
	ІСВ	ý	
	LCS 0-036	Ý	
Continuing Calibration			
	CCVS CCVI CCV2	V V	
	CCBS CCBI (CB2	N/N*	Nat Ca over MDL
	Ending QC	V/N	Nat Ca over MDI
Digestion Blank	03/16A	×N	Nat Ca over MDL
Laboratory Control (LCS)	D-036	$\checkmark$	
Spike/Dups	446-01	У	
Sample Data		Ý	
	Linear ranges/Dil.	ý v	samples reported at 1:10
		1	dilution due to iron
Additional Comments:	ALNA Ca	over MDL	matrix (suppression of sign

Date: 04/23/04 Review Performed By:\_\_\_\_\_\_ Project No. 04030446 \_\_\_\_\_ Client: Enviroscience

QB File IDs $QBHQO31804$
QB File IDs
QB File IDs
QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
Initial Calibration	031804		
	ICV		
	ICB	/	
	LCS	, , ,	
Continuing Calibration		/	
	ccvs CCV3 COV4	V	
	CCBs CCB3 CCB4	ý	
	Ending QC	Ý	
Digestion Blank		$\checkmark$	
Laboratory Control (LCS)		Ń.	
Spike/Dups	446-01	, , , , , , , , , , , , , , , , , , ,	
Sample Data		ý.	
	Linear ranges/Dil.	ý –	

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Additional Comments:

April 26, 2004

#### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

#### Re: Data Validation Summary for York Project No. 04040335

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very truly yours,

Robert Q. Bradley Managing Director

cc: R. August

#### York Project No. 04040335

This project consisted of two(2) soil samples and two(2) aqueous samples. Parameters for the samples requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (total and dissolved) (6010 and 7471).

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No sample dilutions were necessary.

# <u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria.

Surrogate recoveries were found to be within control limits.

Matrix spike/matrix spike duplicates were not site specific. Batch QC was used for this SDG and was within acceptance limits for recovery and RPD.

Samples MW-15A and -15B were diluted 5x due to matrix.

<u>Pesticides/PCB</u>-GC Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

Soil samples for pesticides were run at 10x due to matrix.

Metals- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Ca and Na in CCBs 1, 2 and 3. CCB3 showed a trace of Fe and Mg as well. The data are not affected. The data for these elements may be qualified with a B flag. Fe, Mg, Al, and Na were present in the ending CCB at slightly above the MDL.

CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batch 0414B showed slight detections of Fe, Al, Mg and Na. No further action is necessary.

All samples exhibited target metals within the linear range of the ICP, except for iron, which also caused signal suppression and required dilution of all samples at 10x.

Serial dilutions recovered within method limits.

Mercury- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

Date: <u>04/23/04</u>	QB File IDs QBV304190
Review Performed By: <u>SU</u>	
Project No. 04040335	QB File IDs
Client: ENVIVOSCIENCE	QB File IDs

QA/QC Criteria		Comments
Cal. Method ID		
V3C59		
BFB Criteria	V	
%RSD Avg	$\checkmark$	
CCC RSD	Ý	
SPCC Rf	$\checkmark$	
134614	/	
% Diff CCC	V	
SPCC Rf	$\checkmark$	
	Ń.	
	<u> </u>	
	L V	
Internal Standards		
Surrogate Recoveries		
Linear ranges	y	
	iteria Cal. Method ID V3C59 BFB Criteria %RSD Avg CCC RSD SPCC Rf V34614 % Diff CCC SPCC Rf SPCC Rf	iteria  Acceptable(Y/N)    Cal. Method ID  V3C59    W3C59  V    BFB Criteria  V    %RSD Avg  V    CCC RSD  V    SPCC Rf  V    %Diff CCC  V    SPCC Rf  V    %Diff CCC  V    SPCC Rf  V    V  V    Internal Standards  V    Surrogate Recoveries  V    Linear ranges  V

Additional Comments: \_\_\_\_\_

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## **VOLATILES**

Date: 04/23/04 Project No.: 04040335

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
TB-4/6	04040335-01	V34619	~	~	no
EB-4/6	04040335-02	V34620	~	~	no
MW15A	04040335-03	V34621	<b>v</b>	✓	no
MW15B	04040335-04	V34622	>	~	no
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#### Comments:

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>SEMI-VOLATILES</u>

Date: 04/23/04	QB File IDs QBSV2042004A
Review Performed By:	_QB File IDs
Project No. 04040335	_QB File IDs
Client: Envirascience	QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	BNAAMOI	_	
	DFTPP Criteria		
	%RSD Avg	ý.	
	CCC RSD		
	SPCC Rf	ý	
Continuing Calibration	E20372	/	
	% Diff CCC	Y	
	SPCC Rf	Y	
DFTPP Criteria		ý.	
Method Blank			
Laboratory Control (LCS)			
MS/MSD		Y	
Sample Data		V	
	Internal Standards		
	Surrogate Recoveries	Y	
	Linear ranges	ý	Dilutions noted
		/	

Additional Comments: \_\_\_\_

#### SEMI-VOLATILES

Date: <u>04/23/04</u> Project No.: 04040335

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
EB-4/6	04040335-02	E20380	~	~	no
MW15A	04040335-03	E20381	~	>	5x - matrix
MW15B	04040335-04	E20382	~	>	5x - matrix
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#### Comments:

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22 Date: Review Performed By: St Project No. 04040335 Client: Envivoscience

QB File IDs QBPEST 042004
 QB File IDs

QB File IDs\_\_\_\_\_

QB File IDs\_\_\_\_\_

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	Pe5t0408		
	DDT/Endrin Bkdwn.	У	
	%RSD	Ý	-
		/	
Continuing Calibration			
	DDT/Endrin Bkdwn.	V	
	% Difference	\	
Method Blank		Ý	
Laboratory Control (LCS)			
MS/MSD		Į.	
Sample Data		V	
	Surrogate Recoveries	\/	
	Linear ranges	V V	

Additional Comments:

Date: 04/23/04 Review Performed By: SU Project No. 04040335 Client: Enviroscience QB File IDs\_\_\_\_\_

QB File IDs QBPCB-042004
 QB File IDs

QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PCB-0420	- · · · ·	
	DDT/Endrin Bkdwn.	NA	
	%RSD	$\bigvee$	
		/	
Continuing Calibration			
	DDT/Endrin Bkdwn.	NA	
	% Difference	Y	
Method Blank			
Laboratory Control (LCS)		L Ý	
MS/MSD		ý ý	
Sample Data		V.	
	Surrogate Recoveries	<u> </u>	
	Linear ranges		
		1	

Additional Comments: \_\_\_
### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

### PESTICIDE/PCB

Date: <u>04/23/04</u> Project No.: <u>04040335</u>

Client Sample ID	York Sample ID	Data File	Surrogates	Dilution *
EB-4/6	04040335-02	PEST_011/PCB_010	~	no
MW15A	04040335-03	PEST_007/PCB_008	<b>~</b>	no
MW15B	04040335-04	PEST_008/PCB_009	~	no
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	····			

Comments: \* = Pesticide soils are all run at a 1:10 dilution.

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>METALS (No Hg)</u>

Date: <u>04   23   04</u>	QB File IDs QBT041404A
Review Performed By: <u>SW</u>	QB File IDs
Project No. 04040335	QB File IDs
Client: Enviroscience	QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
Initial Calibration			
	ICV	V	
	ICB	Ý	
	LCS P.097/D.036	ý	
Continuing Calibration			
	CCVs CCV1CSV2	У	
	CCBs CCBI CCBA	N/N*/N+*	Na+Ca over MDL
	Ending QC	Y/N	Fe, Ma, AL, Na+Ca over N
Digestion Blank	04/14B	"N	FE, Ma, AL, Na+Ca over N
Laboratory Control (LCS)	P.097/D.036	$\vee$	
Spike/Dups	335-03	V V	
Sample Data		$\checkmark$	
	Linear ranges/Dil.	$\bigvee$	

\*\*-Fe, Mg, Al+Na over MDL

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# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>MERCURY</u>

Date:<u>04</u> 22 Inl Review Performed By:\_\_\_\_ SU. Project No. 04040335 Client: <u>Enviroscience</u>

QB File IDs_	QBHq041604
QB File IDs_	
QB File IDs_	·····
QB File IDs	

QA/QC Criteria		Acceptable(Y/N)	Comments
Initial Calibration	041604		
	ICV	V	
	ICB	V	
	LCS	Ý	
Continuing Calibration		1	
	CCVs CCVL LCV2	V	
	CCBs CCB beca B2	, V	
	Ending QC	Ý	
Digestion Blank		Ń	
Laboratory Control (LCS)		V	
Spike/Dups		ý v	
Sample Data		V V	
	Linear ranges/Dil.	$\checkmark$	

Additional Comments:

April 26, 2004

### VIA E-MAIL

Enviroscience Consultants, Inc. Mr. Greg Menegio

### Re: Data Validation Summary for York Project No. 04040541

Dear Greg:

Per your request, York has completed its data review in accordance with the NYSDEC Data Usability Summary Review (DUSR) methodology and the USEPA National Functional Guidelines for Organic and Inorganic Data Review.

The project is discussed below in terms of chain-of-custody, holding times, initial calibration, continuing calibration, method blanks, Laboratory control samples (LCS), surrogate recoveries (where applicable), matrix spike/matrix spike duplicate data, and internal standards (where applicable).

Based upon these reviews, all data was found to be acceptable.

Should you have any questions, feel free to contact me or Rich August at 203-325-1371.

Very truly yours,

Robert Q. Bradley Managing Director

cc: R. August

#### York Project No. 04040541

This project consisted of nine(9) soil samples and two(2) aqueous samples. Parameters for the samples requested included volatiles(8260), semi-volatiles (BN only)(8270), pesticides/PCB(8081/8082) and TAL metals (total and dissolved) (6010 and 7471).

<u>Chain-of-Custody</u>- the field chain of custody and laboratory chains of custody were found to be complete and reflective of the samples and their handling from field through the analysis process.

<u>Holding Times</u>- the holding times for extraction, digestion and analysis were met for all samples and all fractions in this sample delivery group (SDG).

<u>Volatiles</u>- GC/MS Initial Calibration was found to be in compliance with tuning (BFB), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (BFB), %Diff and Rf criteria

Laboratory Control Samples (LCS) were within acceptance limits

Method Blanks were found to be in compliance

Internal Standards were found to be in compliance with criteria

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

No sample dilutions were necessary with the exception of samples MW-10A and MW-13B which required 10x dilutions due to matrix.

<u>Semi-Volatiles</u>-GC/MS Initial Calibration was found to be in compliance with tuning (DFTPP), RSD and Rf requirements.

GC/MS Continuing Calibrations were found to be in compliance with tuning (DFTPP), %Diff and Rf criteria

Method Blanks were found to be in compliance

Laboratory Control Samples (LCS) were within acceptance limits

Internal Standards were found to be in compliance with criteria with the exception of samples MW-10B, -11A, -12A, -12B, -13A, -13B, and BD-3/17 where the last internal standard, perylene-d12 was suppressed due to matrix. These samples were run at a 5x dilution and still exhibited suppression. All compounds quantitated under this internal standard may be biased high and flagged "J".

Surrogate recoveries were found to be within control limits where they were not diluted out. The following samples required dilutions which diluted out the surrogates: MW-10A and MW-13A.

Matrix spike/matrix spike duplicates were not site specific due to dilutions required which diluted out the MS/MSD compounds. Batch QC was used for this SDG and was within acceptance limits for recovery and RPD.

Samples that required dilution for analysis are listed as follows: MW-10A(100x due to targets), MW-13A (10x-matrix) and MW-11A, -12A, -12B, -13B, and BD-3/17—all 5x dilutions due to matrix.

<u>Pesticides/PCB-GC</u> Initial Calibration was found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

GC Continuing Calibrations were found to be in compliance with DDT/Endrin Breakdown and RSD requirements.

Method Blanks were found to be in compliance.

Laboratory Control Samples (LCS) were within acceptance limits.

Surrogate recoveries were found to be within control limits

Matrix spike/matrix spike duplicates were site specific and were within acceptance limits for recovery and RPD.

Sample results for target compounds were within calibration ranges.

Soil samples for pesticides were run at 10x due to matrix. The only PCB sample requiring a dilution was MW-12A which was run at a 10x dilution.

Metals- ICP initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data were acceptable, however there was slight detections of Ca and Na in CCBs 1 and 2. The data for these elements may be qualified with a B flag. Al and Ca were present in the ending CCB at slightly above the MDL.

CRI (detection limits) were within requirements

Interelement correction standards verified system performance as acceptable (ICS A and ICS AB)

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

The digestion blanks of batch 0322A showed slight detections of Ca and Na. No further action is necessary.

All samples exhibited target metals within the linear range of the ICP, except for iron, which also caused signal suppression and required dilution of all samples at 10x.

Serial dilutions recovered within method limits.

Mercury- Initial calibration was performed and verified by ICV data

ICB data was within requirments

CCV data was within method limits

CCB data was acceptable

Laboratory Control Samples (LCS) were within acceptance limits

Matrix spikes and duplicates were site specific and were within acceptance limits for recovery and RPD.

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>VOLATILES</u>

Date: 04/23/04
Review Performed By: SU
Project No. <u>04030541</u>
Client: Enviroscience

QB File IDs_QBV30323044A
QB File IDs QBV3032304A - A
_QB File IDs
QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
Initial Calibration	Cal. Method ID V3C56A V3C565	,	
	BFB Criteria	V	
	%RSD Avg	Ý	
	CCC RSD	ý	
	SPCC Rf	Ý	
Continuing Calibration	V33177 V33178		
	% Diff CCC	<u> </u>	
	SPCC Rf	Ý	
BFB Criteria		ý	
Method Blank		ý	
Laboratory Control (LCS)			
MS/MSD	541-03	\	
Sample Data		Ý	
	Internal Standards	<u> </u>	
	Surrogate Recoveries	V	
	Linear ranges		Dilutions noted

Additional Comments: \_\_\_\_

### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

### **VOLATILES**

Date:<u>04/23/04</u> Project No.: 04030541

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
MW-10A	04030541-01	V33192	<b>~</b>	~	10x -matrix
MW-10B	04030541-02	V33193	~	>	no
MW-11A	04030541-03	V33194	>	<b>v</b>	no
MW-11B	04030541-04	V33195	>	~	no
MW-12A	04030541-05	V33197	>	~	no
MW-12B	04030541-06	V33199	>	~	no
MW-13A	04030541-07	V33200	>	*	no
MW-13B	04030541-08	V33201	>	~	10x -matrix
BD-3/17	04030541-09	V33202	>	¥	no
TB-3/17	04030541-10	V33203	•	~	no
EB-3/17	04030541-11	V33204	<b>&gt;</b>	*	no
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### Comments:

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>SEMI-VOLATILES</u>

Date: <u>04</u> Review Performed By: SU Project No. ()4030541 Client: Enviroscience

QB File IDs\_QBSV1033104A QB File IDs QBSV 1040104 A QB File IDs QB File IDs\_\_\_\_\_

QA/QC Criteria		Acceptable(Y/N)	Comments	]
	Cal. Method ID			Í
Initial Calibration	TCLBNA37			
	DFTPP Criteria	V		1
	%RSD Avg			
	CCC RSD			
	SPCC Rf	V V		1
Continuing Calibration	EX1091 EX1135	1		
	% Diff CCC	V_		
	SPCC Rf	ý		
DFTPP Criteria		Ý		
Method Blank				
Laboratory Control (LCS)		V		
MS/MSD		1	Botchacused-spike diluteda	nt wl
Sample Data		$\bigvee$		sample
	Internal Standards	4	exceptions noted	541-03
	Surrogate Recoveries	V V	exceptions noted	1
	Linear ranges	¥	Dilutions not q	]

Additional Comments:

### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

### **SEMI-VOLATILES**

Date: 04/23/04 Project No.: 04030541

Client Sample ID	York Sample ID	Data File	ISTD	Surrogates	Dilution
MW-10A	04030541-01	EX1100	<b>v</b>	Diluted out	100x - target
MW-10B	04030541-02	EX1099	*	~	no
MW-11A	04030541-03	EX1104	*	¥	5x - matrix
MW-11B	04030541-04	EX1098	<b>v</b>	~	no
MW-12A	04030541-05	EX1105	*	<b>v</b>	5x - matrix
MW-12B	04030541-06	EX1106	*	~	5x - matrix
MW-13A	04030541-07	EX1111	*	Diluted out	10x - matrix
MW-13B	04030541-08	EX1107	*	~	5x - matrix
BD-3/17	04030541-09	EX1108	*	~	5x - matrix
EB-3/17	04030541-11	EX1139	<b>v</b>	~	no

Comments: \* = In some samples, the last IS (Perylene-d12) is suppressed. Client/site history confirm these results.

\_\_\_\_\_

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form PESTICIDES PCB

Date: <u>04</u>/23 Review Performed By: 800

Client: Enviroscience

Date: 04/23/04	QB File IDs QBPC 5+032404
	QB File IDs
Project No. 0403054	QB File IDs
Client: Enviroscience	QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	Rest 0324		
	DDT/Endrin Bkdwn.	Ŋ	
	%RSD	<u> </u>	
		·	
Continuing Calibration		Y	
	DDT/Endrin Bkdwn.	ý	
	% Difference	Ý	
Method Blank		/ /	
Laboratory Control (LCS)		V.	
MS/MSD	541-03	Ý	
Sample Data	54/00	ý	
	Surrogate Recoveries	Ý Ý	
	Linear ranges	ý –	

Additional Comments: \_

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>PESTICIDES</u>

Date:\_04 123 Review Performed By: Project No. 0403054 Client: Enviroscience

	QB File IDs_QBPCB-032304
	QB File IDs
-	QB File IDs
	QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments
	Cal. Method ID		
Initial Calibration	PCB-0322		
	DDT/Endrin Bkdwn.	NA	
	%RSD	· V	
		1	
Continuing Calibration			
	DDT/Endrin Bkdwn.	NA	
	% Difference	$\checkmark$	
Method Blank		X	
Laboratory Control (LCS)			
MS/MSD			
Sample Data		$\bigvee$	
	Surrogate Recoveries	V	
	Linear ranges		dilutions noted

Additional Comments:

### York Analytical Laboratories, Inc. Internal Data Validation/DUSR Review Form

### PESTICIDE/PCB

Date: <u>04/23/04</u> Project No.: <u>04030541</u>

Client Sample ID	York Sample ID	Data File	Surrogates	Dilution *
MW-10A	04030541-01	PEST_022/PCB_007	~	no
MW-10B	04030541-02	PEST_023/PCB_006	~	no
MW-11A	04030541-03	PEST_024/PCB_015	~	no
MW-11B	04030541-04	PEST_027/PCB_005	>	no
MW-12A	04030541-05	PEST_028/PCB_009	<b>v</b>	1:10
MW-12B	04030541-06	PEST_029/PCB_010	<b>v</b>	no
MW-13A	04030541-07	PEST_030/PCB_011	<b>~</b>	no
MW-13B	04030541-08	PEST_031/PCB_012	<b>v</b>	no
BD-3/17	04030541-09	PEST_032/PCB_013	>	no
EB-3/17	04030541-11	PEST_033/PCB_014	~	no

Comments: \* = Pesticide soils are all run at a 1:10 dilution.

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>METALS (No Hg)</u>

Date: 0423/04	QB File IDs QBI0322044
Review Performed By: 800	QB File IDs
Project No. 0403064)	QB File IDs
Client: ENVIVOSCIENCE	QB File IDs

QA/QC Criteria		Acceptable(Y/N)	Comments		
Initial Calibration					
	ICV	V.			
	ICB	$ \downarrow \downarrow \downarrow$			
	LCS P-097	Ý			
Continuing Calibration		/			
	CCVS CCVICCV2	У			
	CCBS (CB1 CCB2	N/N*	Nat Ca over MDL		
	Ending QC	¥/N	Alt Ca over MDL		
Digestion Blank	03/22 A	N	Na + Ca over MDL		
Laboratory Control (LCS)	P097	V			
Spike/Dups		$\checkmark$			
Sample Data		ý			
	Linear ranges/Dil.	ý	soil samples rerun og		

Additional Comments: <u>K NA WER MDL</u>

## York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>METALS (No Hg)</u>

Date: 04/23/04	QB File IDs QB I 032304A
Review Performed By:	QB File IDs
Project No. 04030541	QB File IDs
Client: Enviroscience	QB File IDs

QA/QC C	riteria	Acceptable(Y/N)	Comments		
Initial Calibration					
	ICV	N			
	ICB	Ý			
	LCS D-036	Ý			
Continuing Calibration		/			
	CCVS CCVI CCV2	V			
	CCBS UCBICCB2	N/N	Na+Ca over MDL		
	Ending QC	V/N	Na over MDL		
Digestion Blank	03/22B	Ń	No over MDL		
Laboratory Control (LCS)	D-036	V V			
Spike/Dups	541-03	Ý			
Sample Data		V			
	Linear ranges/Dil.	$\checkmark$	samples run at 1:10 dill		
			due to Fe, matrix		

Additional Comments: \_\_\_\_

# York Analytical Laboratories, Inc. Internal Data Validation /DUSR Review Form <u>MERCURY</u>

Date: 04/23/04 Review Performed By:\_\_\_\_\_ Project No. 04030541 Client: Envirascience,

QB File IDS QBHQO322	204
QB File IDs	·
QB File IDs	
QB File IDs	

QA/QC C	riteria	Acceptable(Y/N)	Comments
Initial Calibration	03/22/04		
	ICV	Y	
	ICB	Ý	
	LCS	Ý	
Continuing Calibration		/	
	CCVS CCVI CCVZ	N	
	CCBSCOBI CCB2	_ Y	
	Ending QC	$\checkmark$	
Digestion Blank		$\langle \rangle$	
Laboratory Control (LCS)		$\checkmark$	
Spike/Dups	641-03	$\checkmark$	
Sample Data		$\checkmark$	
	Linear ranges/Dil.	$\checkmark$	
		1	

Additional Comments:





# **Technical Report**

prepared for

### Enviroscience Consultants, Inc. 33 Flying Point Rd., Suite 208 Southampton, NY 11968 Attention: Tracy Wall

Report Date: 7/19/2004 *Re: Client Project ID: 57-15 49th St. Maspeth* York Project No.: 04070216

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STRATFORD, CT 06615

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Page 1 of 11

Report Date: 7/19/2004 Client Project ID: 57-15 49th St. Maspeth York Project No.: 04070216

### Enviroscience Consultants, Inc.

33 Flying Point Rd., Suite 208 Southampton, NY 11968 Attention: Tracy Wall

### Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 07/08/04. The project was identified as your project "57-15 49th St. Mas peth ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			SW-2	
York Sample ID			04070216-01	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L		
4,4'-DDD			Not detected	0.05
4,4'-DDE			Not detected	0.05
4,4'-DDT			Not detected	0.05
Aldrin			Not detected	0.05
alpha-BHC			Not detected	0.05
beta-BHC			Not detected	0.05
Chlordane			Not detected	0.2
delta-BHC			Not detected	0.05
Dieldrin			Not detected	0.05
Endosulfan I			Not detected	0.05
Endosulfan II			Not detected	0.05
Endosulfan sulfate			Not detected	0.05
Endrin			Not detected	0.05
Endrin aldehyde			Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05
Heptachlor			Not detected	0.05

### Analysis Results

# YORK

Client Sample ID			SW-2	
York Sample ID			04070216-01	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Heptachlor epoxide			Not detected	0.05
Methoxychlor			Not detected	0.2
Toxanhene			Not detected	2.0
Volatiles-8260 list	SW846-8260	110/1		
1 1 1 2-Tetrachloroethane	511010 0200	ug/12	Not detected	1
1 1 1-Trichloroethane			Not detected	1
1 1 2 2-Tetrachloroethane			Not detected	1
1,1,2,2-Teindemoroethane			Not detected	1
1.1. Dichloroethane			Not detected	1
1,1-Dichloroethylene			Not detected	1
1,1-Dichloropropylene			Not detected	1
1,1-Dicinotopropylenc		- · ·	Not detected	1
1,2,3-Trichloropropono			Not detected	1
1,2,3-Themoropropane			Not detected	1
1,2,3-1 mmetnyibenzene			Not detected	
1,2,4-1 ricniorobenzene			Not detected	
1,2,4-1 rimetnyibenzene			Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1
1,2-Dibromoethane			Not detected	1
1,2-Dichlorobenzene			Not detected	1
1,2-Dichloroethane			Not detected	1
1,2-Dichloroethylene (1otal)			10(c1s-)	1
1,2-Dichloropropane			Not detected	<u>l</u>
1,3,5-Trimethylbenzene			Not detected	1
1,3-Dichlorobenzene			Not detected	1
1,3-Dichloropropane			Not detected	1
1,4-Dichlorobenzene	·		Not detected	1
1-Chlorohexane			Not detected	1
2,2-Dichloropropane			Not detected	1
2-Chlorotoluene	<u> </u>		Not detected	1
4-Chlorotoluene			Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	1
Bromochloromethane			Not detected	1
Bromodichloromethane			Not detected	1
Bromoform			Not detected	1
Bromomethane			Not detected	1
Carbon tetrachloride			Not detected	1
Chlorobenzene			Not detected	1
Chloroethane			Not detected	1
Chloroform			Not detected	1
Chloromethane			Not detected	1
cis-1,3-Dichloropropylene			Not detected	1
Dibromochloromethane			Not detected	1
Dibromomethane			Not detected	1
Dichlorodifluoromethane			Not detected	1
Ethylbenzene	1		Not detected	1
Hexachlorobutadiene			Not detected	1
Isopropylbenzene			Not detected	1
Methylene chloride			3 B	1
MTBE			1	1
Naphthalene			Not detected	1
1 apriliation of	1	I		



Client Sample ID			SW-2	
York Sample ID			04070216-01	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
n-Butylbenzene			Not detected	1
n-Propylbenzene			Not detected	1
o-Xvlene			Not detected	1
n- & m-Xylenes		-	Not detected	1
n-Isopropyltoluene			Not detected	1
sec-Butylbenzene	<u> </u>	·   · · · ·	Not detected	1
Styrene			Not detected	1
tert-Butylbenzene			Not detected	1
Tetrachloroethylene			2	1
Toluene		1	Not detected	1
trans-1 3-Dichloropropylene			Not detected	1
Trichloroethylene			10	1
Trichlorofluoromethane			Not detected	1
Vinyl chloride			Not detected	1
Rase/Neutral Extractables water	SW846-8270	nø/L		
1.2.4.Trichlorobenzene	511040-0270		Not detected	10
1.2 Dichlorobenzene			Not detected	10
1.3 Dichlorobenzene			Not detected	10
1,3-Dichlorobenzene			Not detected	10
2.4 Dinitrotoluene			Not detected	10
2,4-Dimitrotoluene			Not detected	10
2,0-Dimitotoluene			Not detected	10
2-Cilloronaphthalene			Not detected	10
2-Methymaphimatene			Not detected	10
2 2! Dichlorobenzidine	<u> </u>		Not detected	10
2 Nitroaniline			Not detected	10
4 Promonhenvil phenvil ether			Not detected	10
4 Chloroaniline			Not detected	10
4-Cillorophenyl phenyl ether			Not detected	10
4-Chlorophenyr phenyr ether			Not detected	10
A cenantthene			Not detected	10
Acenaphthylene			Not detected	10
Anthracene	- <u></u>		Not detected	10
Benzo(a)anthracene			Not detected	10
Benzo(a)nyrene			Not detected	10
Benzo(b)fluoranthene			Not detected	10
Benzo(g h i)pervlene			Not detected	10
Benzo(k)fluoranthene			Not detected	10
Bis(2 chloroethoxy)methane			Not detected	10
Bis(2 chloroethyl)ether			Not detected	10
Dis(2-chloroiconronyl)ether			Not detected	10
Bis(2-chlorobsopropyr)culci Bis(2-chlorobsopropyr)culci			Not detected	10
Bis(2-etilyinexyl)philialate			Not detected	10
Carbagola			Not detected	$\frac{10}{10}$
Caruagene			Not detected	10
Dibenzo(a b)anthracene			Not detected	$\frac{10}{10}$
Dibergofuran			Not detected	10
Disthylphthelate			Not detected	10
Diemyiphinalate			Not detected	10
Di n hytylphtilalate			Not detected	10
Di-n-outyipitulaiate			Not detected	10
Di-n-octylphthalate	1	1	I INVI UCIECIEU	1. 10



Client Sample ID			SW-2	
York Sample ID			04070216-01	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Fluoranthene		-	Not detected	10
Fluorene			Not detected	10
Hexachlorobenzene			Not detected	10
Hexachlorobutadiene			Not detected	10
Hexachlorocyclopentadiene			Not detected	10
Hexachloroethane	· · · · · · · · · · · · · · · · · · ·		Not detected	10
Indeno(1.2.3-cd)pyrene			Not detected	10
Isophorone	······································		Not detected	10
Nanhthalene		+	Not detected	10
Nitrohenzene		<u> </u>	Not detected	10
Nitrosodi n propylamine	<u></u>		Not detected	10
N Nitrogodinhenylamine			Not detected	10
Dhononthrono			Not detected	10
Phenanthene			Not detected	10
Pyrene	SW046 2510C/0082	ug/I	Not detected	10
	5 1 640-55100/8082	ug/L	Not detected	0.2
PCB 1010	· · · · · · · · · · · · · · · · · · ·		Not detected	0.2
PCB 1221			Not detected	0.2
PCB 1232			Not detected	0.2
PCB 1242			Not detected	0.2
PCB 1248		<u> </u>	Not detected	0.2
PCB 1254			Not detected	0.2
PCB 1260			Not detected	0.2
PCB, Iotal	011/04/2010	/T	Not detected	0.2
Metals, Target Analyte List(TAL)	SW840-0010	ug/L	280	5.0
Aluminum			209	5.0
Antimony			Not detected	10.0
Arsenic			Not detected	10.0
Barium			00.9	10.0
Beryllium			Not detected	1.0
Cadmium	· · · · · · · · · · · · · · · · · · ·		Not detected	3.0
Calcium			185	20.0
Chromium		-	Not detected	5.0
Cobalt			Not detected	5.0
Copper			26.8	5.0
Iron			726	5.0
Lead			12.5	3.0
Magnesium			365000	10.0
Manganese			/1.9	5.0
Nickel			Not detected	5.0
Potassium		_	175000	30.0
Selenium	· · · · · · · · · · · · · · · · · · ·		Not detected	10.0
Silver			Not detected	5.0
Sodium			3020000	50.0
Thallium			Not detected	10.0
Vanadium			Not detected	10.0
Zinc			86.8	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002



Client Sample ID			<b>TB-7</b> /7	
York Sample ID			04070216-02	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L		
1,1,1,2-Tetrachloroethane			Not detected	1
1,1,1-Trichloroethane			Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1
1,1,2-Trichloroethane			Not detected	1
1,1-Dichloroethane			Not detected	1
1,1-Dichloroethylene			Not detected	1
1,1-Dichloropropylene			Not detected	1
1,2,3-Trichlorobenzene			Not detected	1
1,2,3-Trichloropropane			Not detected	1
1,2,3-Trimethylbenzene			Not detected	1
1,2,4-Trichlorobenzene			Not detected	1
1,2,4-Trimethylbenzene			Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1
1,2-Dibromoethane			Not detected	1
1,2-Dichlorobenzene			Not detected	1 ·
1,2-Dichloroethane			Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1
1,2-Dichloropropane			Not detected	1
1,3,5-Trimethylbenzene			Not detected	1
1,3-Dichlorobenzene			Not detected	1
1.3-Dichloropropane			Not detected	1
1.4-Dichlorobenzene			Not detected	1
1-Chlorohexane			Not detected	1
2,2-Dichloropropane			Not detected	1
2-Chlorotoluene			Not detected	1
4-Chlorotoluene			Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	1
Bromochloromethane			Not detected	1
Bromodichloromethane		1	Not detected	1
Bromoform			Not detected	1
Bromomethane			Not detected	1
Carbon tetrachloride	1		Not detected	1
Chlorobenzene			Not detected	1
Chloroethane			Not detected	1
Chloroform	1		Not detected	1
Chloromethane			Not detected	1
cis-1.3-Dichloropropylene			Not detected	1
Dibromochloromethane		1	Not detected	1
Dibromomethane		1	Not detected	1
Dichlorodifluoromethane			Not detected	1
Ethylbenzene			Not detected	1
Hexachlorobutadiene		<u> </u>	Not detected	1
Isopropylbenzene			Not detected	1
Methylene chloride			3 B	1
MTRF			Not detected	1
Nanhthalene			Not detected	1
n-Butylbenzene			Not detected	1
n Pronylbenzene			Not detected	1
п-гторушендене	<u></u>		1 I I I I I I I I I I I I I I I I I I I	<b>`</b>



Client Sample ID			<b>TB-7</b> /7	
York Sample ID			04070216-02	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
o-Xylene			Not detected	1
p- & m-Xylenes			Not detected	1
p-Isopropyltoluene			Not detected	1
sec-Butylbenzene			Not detected	1
Styrene			Not detected	1
tert-Butylbenzene			Not detected	1
Tetrachloroethylene			Not detected	1
Toluene			Not detected	1
trans-1,3-Dichloropropylene			Not detected	1
Trichloroethylene			Not detected	1
Trichlorofluoromethane			Not detected	1
Vinyl chloride			Not detected	1

Client Sample ID	-		<b>EB-7/7</b>	
York Sample ID			04070216-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L		
4,4'-DDD			Not detected	0.05
4,4'-DDE			Not detected	0.05
4,4'-DDT			Not detected	0.05
Aldrin			Not detected	0.05
alpha-BHC			Not detected	0.05
beta-BHC			Not detected	0.05
Chlordane			Not detected	0.2
delta-BHC			Not detected	0.05
Dieldrin			Not detected	0.05
Endosulfan I			Not detected	0.05
Endosulfan II			Not detected	0.05
Endosulfan sulfate			Not detected	0.05
Endrin			Not detected	0.05
Endrin aldehyde			Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05
Heptachlor			Not detected	0.05
Heptachlor epoxide			Not detected	0.05
Methoxychlor			Not detected	0.2
Toxaphene			Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L		
1,1,1,2-Tetrachloroethane			Not detected	1
1,1,1-Trichloroethane			Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1
1,1,2-Trichloroethane			Not detected	1
1,1-Dichloroethane			Not detected	1
1,1-Dichloroethylene			Not detected	1
1,1-Dichloropropylene			Not detected	1
1,2,3-Trichlorobenzene			Not detected	1
1,2,3-Trichloropropane			Not detected	1
1,2,3-Trimethylbenzene			Not detected	1
1,2,4-Trichlorobenzene			Not detected	1



Client Sample ID			EB-7/7	
York Sample ID			04070216-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
1.2.4-Trimethylbenzene			Not detected	1
1.2-Dibromo-3-chloropropane			Not detected	1
1.2-Dibromoethane			Not detected	1
1.2-Dichlorobenzene			Not detected	1
1 2-Dichloroethane			Not detected	1
1 2-Dichloroethylene (Total)			Not detected	1
1.2-Dichloropropane			Not detected	1
1 3 5-Trimethylbenzene			Not detected	1
1.3-Dichlorobenzene			Not detected	1
1.3-Dichloropropane			Not detected	1
1.4-Dichlorobenzene			Not detected	1
1-Chlorohexane	*		Not detected	1
2 2-Dichloropropane			Not detected	1
2-Chlorotoluene			Not detected	1
4-Chlorotoluene	·····		Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	1
Bromochloromethane			Not detected	1
Bromodichloromethane			Not detected	1
Bromoform			Not detected	1
Bromomethane	· · · ·		Not detected	1
Carbon tetrachloride			Not detected	1
Chlorobenzene			Not detected	1
Chloroethane			Not detected	1
Chloroform			Not detected	1
Chloromethane			Not detected	1
cis-1.3-Dichloropropylene			Not detected	1
Dibromochloromethane			Not detected	1
Dibromomethane		···	Not detected	1
Dichlorodifluoromethane			Not detected	1
Ethylbenzene			Not detected	1
Hexachlorobutadiene			Not detected	1
Isopropylbenzene			Not detected	1
Methylene chloride			3 B	1
MTBE			Not detected	1
Naphthalene			Not detected	1
n-Butylbenzene	······································		Not detected	1
n-Propylbenzene			Not detected	1
o-Xvlene			Not detected	1
p- & m-Xylenes			Not detected	1
p-Isopropyltoluene			Not detected	1
sec-Butylbenzene			Not detected	1
Styrene	, <u> </u>		Not detected	1
tert-Butylbenzene			Not detected	1
Tetrachloroethvlene			Not detected	1
Toluene	······································		Not detected	1
trans-1,3-Dichloropropylene			Not detected	1
Trichloroethylene			Not detected	1
Trichlorofluoromethane			Not detected	1
Vinyl chloride			Not detected	1



Client Sample ID			EB-7/7	
York Sample ID			04070216-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Base/Neutral Extractables water	SW846-8270	ug/L		
1 2 4-Trichlorobenzene			Not detected	10
1 2-Dichlorobenzene			Not detected	10
1 3-Dichlorobenzene			Not detected	10
1 4-Dichlorobenzene			Not detected	10
2.4-Dinitrotoluene			Not detected	10
2.6-Dinitrotoluene			Not detected	10
2-Chloronaphthalene			Not detected	10
2-Methylnaphthalene			Not detected	10
2-Nitroaniline			Not detected	10
3.3'-Dichlorobenzidine			Not detected	10
3-Nitroaniline			Not detected	10
4-Bromophenyl phenyl ether			Not detected	10
4-Chloroaniline			Not detected	10
4-Chlorophenyl phenyl ether			Not detected	10
4-Nitroaniline			Not detected	10
Acenaphthene			Not detected	10
Acenaphthylene			Not detected	10
Anthracene		· · · · · · · · · · · · · · · · · · ·	Not detected	10
Benzo(a)anthracene			Not detected	10
Benzo(a)pyrene			Not detected	10
Benzo(b)fluoranthene			Not detected	10
Benzo(g h i)pervlene	<u></u>		Not detected	10
Benzo(k)fluoranthene			Not detected	10
Bis(2-chloroethoxy)methane	······		Not detected	10
Bis(2-chloroethyl)ether			Not detected	10
Bis(2-chloroisopropyl)ether	<u> </u>		Not detected	10
Bis(2-ethylhexyl)phthalate			Not detected	10
Butyl benzyl phthalate	<u> </u>		Not detected	10
Carbazole			Not detected	10
Chrysene		· · · · · · · · · · · · · · · · · · ·	Not detected	10
Dibenzo(a,h)anthracene			Not detected	10
Dibenzofuran			Not detected	10
Diethylphthalate			Not detected	10
Dimethylphthalate			Not detected	10
Di-n-butylphthalate			Not detected	10
Di-n-octylphthalate			Not detected	10
Fluoranthene			Not detected	10
Fluorene			Not detected	10
Hexachlorobenzene			Not detected	10
Hexachlorobutadiene			Not detected	10
Hexachlorocyclopentadiene		-	Not detected	10
Hexachloroethane			Not detected	10
Indeno(1,2,3-cd)pyrene			Not detected	10
Isophorone			Not detected	10
Naphthalene			Not detected	10
Nitrobenzene			Not detected	10
N-Nitrosodi-n-propylamine			Not detected	10
N-Nitrosodiphenvlamine			Not detected	10
Phenanthrene			Not detected	10
Pyrene			Not detected	10



Client Sample ID			<b>EB-7</b> /7	
York Sample ID		,	04070216-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
РСВ	SW846-3510C/8082	ug/L		
PCB 1016			Not detected	0.2
PCB 1221			Not detected	0.2
PCB 1232			Not detected	0.2
PCB 1242			Not detected	0.2
PCB 1248			Not detected	0.2
PCB 1254			Not detected	0.2
PCB 1260			Not detected	0.2
PCB, Total			Not detected	0.2
Metals, Target Analyte List(TAL)	SW846-6010	ug/L		
Aluminum			21.1	5.0
Antimony			Not detected	5.0
Arsenic			Not detected	10.0
Barium			Not detected	10.0
Beryllium			Not detected	1.0
Cadmium			Not detected	3.0
Calcium			26.5	20.0
Chromium			Not detected	5.0
Cobalt			Not detected	5.0
Copper			Not detected	5.0
Iron			Not detected	5.0
Lead			Not detected	3.0
Magnesium			Not detected	10.0
Manganese			Not detected	5.0
Nickel			Not detected	5.0
Potassium	· · · · · · · · · · · · · · · · · · ·		Not detected	30.0
Selenium			Not detected	10.0
Silver			Not detected	5.0
Sodium			881	50.0
Thallium			Not detected	10.0
Vanadium		1	Not detected	10.0
Zinc			Not detected	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002

Units Key:

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb



### Report Date: 7/19/2004 Client Project ID: 57-15 49th St. Maspeth York Project No.: 04070216

### Notes for York Project No. 04070216

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

- 2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
- 3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
- 4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
- 5. All samples were received in proper condition for analysis with proper documentation.
- 6. All analyses conducted met method or Laboratory SOP requirements.
- 7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By Robert Q. Bradlev Managing Director

Date: 7/19/2004





## **Definitions for FLAGS used as a Results Suffix**

Flags are sometimes used on results to indicate certain occurences during the analysis process. The most common flags used by York are defined below.

### <u>FLAG</u>

J

В

E

#### **DEFINITION**

J indicates an estimated value. This flag applies to Tentatively Identified Compounds or, when requested, for a target compound whose result is less than the reporting limit but whose mass spectral data meet identification criteria. For example if the reporting limit is listed as 10 ppb and the analysis shows 3 ppb, the result can be reported as 3 J. The client must request the use of J flags for the laboratory to report such flags.

B indicates that the analyte was also found in the associated batch method blank. This flag indicates possible/probable blank contamination and warns the data user to be aware. This mostly applies to the volatiles acetone and methylene chloride and the semi-volatiles bis-(2-ethylhexyl) phthalate and other phthalates.

This flag is used to indicate that the reported concentration of an analyte exceeded the calibration range of the analytical system. In this case the result reported is treated as a minimum value. This often applies where clients request an additional analyte after sample analysis, such as acetone, where the initial analysis did not require dilution since acetone was not a target compound. This flag will also apply if after numerous dilutions a specific target compound would significantly dilute out all other targets.

120 RESEARCH DRIVE

STRATFORD, CT 06615

36615 (203):

(203) 325-1371 FAX (203) 357-0166

	AAC									Page / of /
ANALYTICAL L	ABORATORIES	, ING.		L	ield	Chain	-of-Cu	stody Re	cord	
ONE RE Stamfoi (203) 325-1371	BEARCH DRIVE Ro, CT 06906 1 FAX (203) 357	7-0166							$\bigcirc$	· arzacan
<u>Company</u>	Name	Report	<u>To:</u>	Invoic	ce To:	<u>u</u> U	oject ID/No	- Jee	BCs Wee	
Control Control	t.	Tracyla	)))	Same	~)	37-15	49 th St. No	spetu	nipes collecte	ed by (oignature) Printed)
Sample No.	Locatic	DI/ID	Date Sai	mpled -	San Water	ple Matrix soil Air DTHEF	ANAL	YSES REQUES	TED	Container Description(s)
/	SW-2		2017/17		$\times$		PCBS, TOHI	s (PAH+s & BNS UNCY), I TAL MEtals	Peshicidea,	4-16 Amber/ noru 2-49nc / Hc C 1-250nc / Nitric
N	713-71	2					10C2 0.2	1. Y		2-40mr/HEr
3	12-93	, ,					PCC3, SUOCS (	LPAHS & BINS DWLY), Pers TAL MERED	hici des	4-16 Amber/ 10000
									•	
Chain-of-Custo	dy Record		(					() June		2/11 2/6
Bottles Relinquis	thed from Lab by	Date/Time $7/7/o 4$	1 he	ample Relinqu	uished by	L 7/8/1	fime 74 /1.75	Sample Received b	183	A GateRime
Bottles Receive	d in Field by	<sup>/</sup> Date/Time	Sa	ample Reling	uished by	Date	Time	Sample Received in	AB b∳	Date/Time
Comments/Spec	cial Instruction	S	(					Turn-Around	Time	
	BUSYN	CCCAT	BUE	1. veral	Les			Standard	RUS	1(define)



# **Technical Report**

prepared for

Enviroscience Consultants, Inc. 33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

Report Date: 12/22/2003 Re: Client Project ID: DEP/Water Start SDG 2/57-15 49<sup>th</sup> Street York Project No.: 03120259

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 NJ License No. CT401



ONE RESEARCH DRIVE

110 DI

STAMFORD, CT 06906 (203) 325-1371 Fax (203) 357-0166 Page 1 of 27

### Report Date: 12/22/2003 Client Project ID: DEP/Water Start SDG 2 /57-15 49<sup>th</sup> Street York Project No.: 03120259

### Enviroscience Consultants, Inc.

33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

### Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 12/05/03. The project was identified as your project "DEP/Water Start SDG 2/57-15 49<sup>th</sup> Street."

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			TB-12/4	
York Sample ID			03120259-01	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L		
1,1,1,2-Tetrachloroethane			Not detected	1
1,1,1-Trichloroethane			Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1
1,1,2-Trichloroethane			Not detected	1
1,1-Dichloroethane			Not detected	1
1,1-Dichloroethylene			Not detected	1
1,1-Dichloropropylene			Not detected	1
1,2,3-Trichlorobenzene			Not detected	1
1,2,3-Trichloropropane			Not detected	1
1,2,3-Trimethylbenzene			Not detected	1
1,2,4-Trichlorobenzene			Not detected	1
1,2,4-Trimethylbenzene			Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1
1,2-Dibromoethane			Not detected	1
1,2-Dichlorobenzene			Not detected	1
1,2-Dichloroethane			Not detected	1

### Analysis Results

# YORK

Client Sample ID			<b>TB-12/4</b>	
York Sample ID			03120259-01	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	1
1,2-Dichloropropane			Not detected	1
1,3,5-Trimethylbenzene			Not detected	1
1,3-Dichlorobenzene			Not detected	1
1,3-Dichloropropane			Not detected	1
1,4-Dichlorobenzene			Not detected	1
1-Chlorohexane			Not detected	1
2,2-Dichloropropane			Not detected	1
2-Chlorotoluene			Not detected	1
4-Chlorotoluene			Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	1
Bromochloromethane			Not detected	1
Bromodichloromethane			Not detected	1
Bromoform			Not detected	1
Bromomethane			Not detected	1
Carbon tetrachloride			Not detected	1
Chlorobenzene			Not detected	1
Chloroethane			Not detected	1
Chloroform			Not detected	1
Chloromethane			Not detected	1
cis-1,3-Dichloropropylene			Not detected	1
Dibromochloromethane			Not detected	1
Dibromomethane			Not detected	1
Dichlorodifluoromethane			Not detected	1
Ethylbenzene			Not detected	1
Hexachlorobutadiene			Not detected	1
Isopropylbenzene			Not detected	1
Methylene chloride			1	1
Naphthalene			Not detected	1
n-Butylbenzene			Not detected	1
n-Propylbenzene			Not detected	1
o-Xylene	[		Not detected	1
p- & m-Xylenes			Not detected	1
p-Isopropyltoluene		-	Not detected	1
sec-Butylbenzene			Not detected	1
Styrene			Not detected	1
tert-Butylbenzene			Not detected	1
Tetrachloroethylene			Not detected	1
Toluene			Not detected	1
trans-1,3-Dichloropropylene			Not detected	1
Trichloroethylene	1		Not detected	1
Trichlorofluoromethane			Not detected	1
Vinyl chloride	1		Not detected	1



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Client Sample ID			MW-6		<b>MW-7</b>	
York Sample ID			03120259-02		03120259-03	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4.4'-DDD			Not detected	0.05	Not detected	0.05
4.4'-DDE		1	Not detected	0.05	Not detected	0.05
4.4'-DDT			Not detected	0.05	Not detected	0.05
Aldrin	······		Not detected	0.05	Not detected	0.05
alpha-BHC			Not detected	0.05	Not detected	0.05
beta-BHC			Not detected	0.05	Not detected	0.05
Chlordane		· · · · · ·	Not detected	0.2	Not detected	0.2
delta-BHC			Not detected	0.05	Not detected	0.05
Dieldrin			Not detected	0.05	Not detected	0.05
Endosulfan I			Not detected	0.05	Not detected	0.05
Endosulfan II		+	Not detected	0.05	Not detected	0.05
Endosulfan sulfate		<u></u>	Not detected	0.05	Not detected	0.05
Endrin			Not detected	0.05	Not detected	0.05
Endrin aldehyde			Not detected	0.05	Not detected	0.05
gamma BHC (Lindana)			Not detected	0.05	Not detected	0.05
Hontophlor			Not detected	0.05	Not detected	0.05
Heptachlor enovide		<u> </u>	Not detected	0.05	Not detected	0.05
Mathamahlar			Not detected	0.03	Not detected	0.03
Tevenhene		· · · ·	Not detected	0.2	Not detected	0.2
	CIV.04( 92(0		Not detected	2.0	Not detected	2.0
Volatiles-8260 list	5 W 840-8200	ug/L	 NI-4 d-444 d		NT-t-d-td-d	
1,1,1,2-1 etrachioroethane			Not detected	1	Not detected	I
1,1,1-1 richloroethane			Not detected	1	Not detected	1
1,1,2,2-1 etrachioroetnane			Not detected	1	Not detected	1
1,1,2-1 Fichlone ethane		· · ·	Not detected	1	Not detected	1
			Not detected	I	Not detected	1
1,1-Dichloroethylene		<b> </b>	Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	
1,2,3-Trichlorobenzene			Not detected	1	Not detected	<u> </u>
1,2,3-Trichloropropane		ļ	Not detected		Not detected	
1,2,3-Trimethylbenzene		<u> </u>	Not detected		Not detected	
1,2,4-Trichlorobenzene			Not detected		Not detected	
1,2,4-Trimethylbenzene			5		2	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	
1,2-Dibromoethane			Not detected		Not detected	1
1,2-Dichlorobenzene			Not detected		Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)		ļ	Not detected	I	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			3	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane	· · · · ·		Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene		ļ	Not detected	1	Not detected	1
4-Chlorotoluene		L	Not detected	1	Not detected	1
Benzene	ļ		Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1

# YORK

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Client Sample ID			MW-6		<b>MW-</b> 7	
York Sample ID			03120259-02		03120259-03	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride		-	Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	4	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	2 B	1
n-Butylbenzene			Not detected	1	2	1
n-Pronylbenzene			Not detected	1	5	1
o-Xylene			5	1	Not detected	1
n- & m-Xylenes			10	1	Not detected	1
p- & m Aytenes			53	1	Not detected	1
sec_Butylbenzene			Not detected	1	3	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1 3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1
Polynuclear Aromatic Hydroc (BN)	SW846-8270	ng/L				
A cenaphthene	511010 0270		Not detected	10	7 J	20
Acenaphthene			Not detected	10	Not detected	20
Anthracene			Not detected	10	Not detected	20
Benzolalanthracene			Not detected	10	Not detected	20
Benzo[a]nvrene	· · · · ·		Not detected	10	Not detected	20
Benzo[b]fluoranthene			Not detected	10	Not detected	2.0
Benzolg h ilperulene			Not detected	10	Not detected	20
Benzo[k]fluoranthene			Not detected	10	Not detected	20
		1	Not detected	10	Not detected	20
Dibergla blanthrasona			Not detected	10	Not detected	$\frac{20}{20}$
Eluorenthene			Not detected	10	Not detected	20
Fluoranthene	<u> </u>	<u> </u>	Not detected	10	11 I	20
Fillorelle			Not detected	10	Not detected	20
Nonbthalana		<u> </u>	Not detected	10	6 I	20
Deperthrop			Not detected	10	161	20
Prenanthrene				10	51	20
Pyrene	SW046 25100/0002		4 J	10		20
	5 W 040-3310C/8082	L ug/L	Not detected		Not detected	0.2
PCB 1016	·		Not detected	0.2	Not detected	0.2
PCB 1221	+	<u> </u>	Not detected	0.2	Not detected	0.2
РСВ 1232		<u> </u>	Not detected	0.2	Not detected	0.2

# YORK

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Client Sample ID			MW-6		<b>MW-7</b>	
York Sample ID			03120259-02		03120259-03	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1242			Not detected	0.2	Not detected	0.2
PCB 1248			Not detected	0.2	Not detected	0.2
PCB 1254			Not detected	0.2	Not detected	0.2
PCB 1260			Not detected	0.2	Not detected	0.2
PCB, Total			Not detected	0.2	Not detected	0.2
Metals, Target Analyte	SW846-6010	ug/L			+	
List(Dissolved)		Ū				
Aluminum			253	5.0	309	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			138	10.0	309	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			94700	20.0	136000	20.0
Chromium			Not detected	5.0	Not detected	5.0
Cobalt			Not detected	5.0	55.4	5.0
Copper			Not detected	5.0	13.3	5.0
Iron			173	5.0	1030	5.0
Lead			4.2	3.0	43.8	3.0
Magnesium			26400	10.0	27700	10.0
Manganese			287	5.0	415	5.0
Nickel			Not detected	5.0	12.0	5.0
Potassium			15300	30.0	11700	30.0
Selenium			Not detected	10.0	11.8	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			108000	50.0	78300	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			Not detected	10.0	Not detected	10.0
Zinc			Not detected	20.0	293	20.0
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Target Analyte List(TAL)	SW846-6010	ug/L				
Aluminum			31900	5.0	34500	5.0
Antimony			Not detected	5.0	10.9	5.0
Arsenic			Not detected	10.0	35.5	10.0
Barium			1420	10.0	1740	10.0
Beryllium			1.8	1.0	Not detected	1.0
Cadmium			4.7	3.0	3.3	3.0
Calcium			211000	20.0	300000	20.0
Chromium			142	5.0	329	5.0
Cobalt			212	5.0	1350	5.0
Copper			159	5.0	580	5.0
Iron			120000	5.0	218000	5.0
Lead			215	3.0	5800	3.0
Magnesium			43800	10.0	41000	10.0
Manganese			3320	5.0	2270	5.0
Nickel			87.9	5.0	148	5.0
Potassium			20000	30.0	15600	30.0
Selenium			28.5	10.0	46.6	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			120000	50.0	133000	50.0
Thallium			Not detected	10.0	Not detected	10.0

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### YORK

Client Sample ID			MW-6		MW-7	
York Sample ID			03120259-02		03120259-03	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Vanadium			154	10.0	134	10.0
Zinc			7340	20.0	36600	20.0
Mercury	SW846-7470	mg/L	0.0016	0.0002	Not detected	0.0002

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Client Sample ID			MW-5		DW-1	
York Sample ID			03120259-04		03120259-05	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4,4'-DDD			Not detected	0.05	Not detected	0.05
4,4'-DDE			Not detected	0.05	Not detected	0.05
4,4'-DDT			Not detected	0.05	Not detected	0.05
Aldrin			Not detected	0.05	Not detected	0.05
alpha-BHC			Not detected	0.05	Not detected	0.05
beta-BHC			Not detected	0.05	Not detected	0.05
Chlordane			Not detected	0.2	Not detected	0.2
delta-BHC			Not detected	0.05	Not detected	0.05
Dieldrin			Not detected	0.05	Not detected	0.05
Endosulfan I			Not detected	0.05	Not detected	0.05
Endosulfan II			Not detected	0.05	Not detected	0.05
Endosulfan sulfate			Not detected	0.05	Not detected	0.05
Endrin			Not detected	0.05	Not detected	0.05
Endrin aldehyde			Not detected	0.05	Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05	Not detected	0.05
Heptachlor			Not detected	0.05	Not detected	0.05
Heptachlor epoxide			Not detected	0.05	Not detected	0.05
Methoxychlor			Not detected	0.2	Not detected	0.2
Toxaphene			Not detected	2.0	Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L				
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene		1	Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane		<b>_</b>	Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane		1	Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)		1	Not detected	1	Not detected	1
1,2-Dichloropropane		1	Not detected	1	Not detected	1
1,3,5-Trimethylbenzene		1	Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1

Client Sample ID			MW-5		DW-1	
York Sample ID			03120259-04		03120259-05	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane		1	Not detected	1	Not detected	1
2,2-Dichloropropane	## · · · · · · · · · · · · · · · · · ·		Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane		1	Not detected	1	Not detected	1
cis-1,3-Dichloropropylene	·······		Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene		1	Not detected	1	Not detected	1
n-Butylbenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L				
Acenaphthene			Not detected	10	Not detected	10
Acenaphthylene			Not detected	10	Not detected	10
Anthracene		-	Not detected	10	Not detected	10
Benzo[a]anthracene			Not detected	10	Not detected	10
Benzo[a]pyrene			Not detected	10	Not detected	10
Benzo[b]fluoranthene			Not detected	10	Not detected	10
Benzo[g,h.i]pervlene			Not detected	10	Not detected	10
Benzo[k]fluoranthene		1	Not detected	10	Not detected	10
Chyrsene		1	Not detected	10	Not detected	10
Dibenz[a,h]anthracene		1	Not detected	10	Not detected	10
L.,		1	1			

Client Sample ID			MW-5		DW-1	
York Sample ID			03120259-04		03120259-05	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Fluoranthene	····		Not detected	10	Not detected	10
Fluorene			Not detected	10	Not detected	10
Indeno[1 2 3-cd]pyrene			Not detected	10	Not detected	10
Nanhthalene			Not detected	10	Not detected	10
Phenanthrene			21	10	Not detected	10
Pyrene			Not detected	10	Not detected	10
	SW846-3510C/8082					
	<u>3 w 040-3310C/0002</u>		Not detected	0.2	Not detected	0.2
PCB 1010	· · · · · · · · · · · · · · · · · · ·	· · · · · ·	Not detected	0.2	Not detected	0.2
PCB 1221			Not detected	0.2	Not detected	0.2
PCB 1232			Not detected	0.2	Not detected	0.2
PCB 1242			Not detected	0.2	Not detected	0.2
PCB 1248			Not detected	0.2	Not detected	0.2
PCB 1254			Not detected	0.2	Not detected	0.2
PCB 1260			Not detected	0.2	Not detected	0.2
PCB, Iotal	011046 6010	/т	Not detected	0.2	Not detected	0.2
Metals, Target Analyte List(Dissolved)	SW846-6010	ug/L				
Aluminum			374	5.0	533	5.0
Antimony			15.0	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			135	10.0	67.5	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			76200	20.0	67500	20.0
Chromium			Not detected	5.0	Not detected	5.0
Cobalt			8.1	5.0	Not detected	5.0
Copper		1	23.1	5.0	6.4	5.0
Iron			286	5.0	367	5.0
Lead			54.0	3.0	13.5	3.0
Magnesium			14000	10.0	31000	10.0
Manganese		1	748	5.0	1260	5.0
Nickel			6.7	5.0	Not detected	5.0
Potassium		1	6660	30.0	4690	30.0
Selenium			Not detected	10.0	Not detected	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium		1	69200	50.0	110000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			Not detected	10.0	Not detected	10.0
7 inc		1	76.1	20.0	30.4	20.0
Mercury Dissolved	SW-846-7470	mo/I	Not detected	0.0002	Not detected	0.0002
Motole Target Analyte List(TAL)	SW846-6010					
Aluminum	0,,010,0010		69700	5.0	6620	5.0
Antimony			153	5.0	Not detected	5.0
Δreenic		+	320	10.0	Not detected	10.0
Barium		+	3370	10.0	330	10.0
Danullium		+	13	10.0	Not detected	10
		1	65.0	3.0	Not detected	3.0
Calaium			1320000	20.0	86400	20.0
Chromiter			242	5.0	15.2	50
Chromium			<u> </u>	5.0	15.6	5.0
Cobalt		-+	04/	5.0	117	5.0
Copper		1	16300	1 5.0	11/	1 3.0

Client Sample ID			MW-5		DW-1	
York Sample ID			03120259-04		03120259-05	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Iron			127000	5.0	6680	5.0
Lead			53000	3.0	829	3.0
Magnesium			67500	10.0	34600	10.0
Manganese			11400	5.0	2950	5.0
Nickel			397	5.0	24.4	5.0
Potassium			23000	30.0	6530	30.0
Selenium			63.6	10.0	Not detected	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			115000	50.0	112000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			326	10.0	28.9	10.0
Zinc			21100	20.0	425	20.0
Mercury	SW846-7470	mg/L	0.0093	0.0002	0.0116	0.0002

Client Sample ID			MW-2-1998		MW-3-1998	
York Sample ID			03120259-06		03120259-07	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4,4'-DDD			Not detected	0.05	Not detected	0.05
4,4'-DDE			Not detected	0.05	Not detected	0.05
4,4'-DDT			Not detected ·	0.05	0.11	0.05
Aldrin			Not detected	0.05	Not detected	0.05
alpha-BHC			Not detected	0.05	Not detected	0.05
beta-BHC			Not detected	0.05	Not detected	0.05
Chlordane			Not detected	0.2	Not detected	0.2
delta-BHC			Not detected	0.05	Not detected	0.05
Dieldrin			Not detected	0.05	Not detected	0.05
Endosulfan I		1	Not detected	0.05	Not detected	0.05
Endosulfan II			Not detected	0.05	Not detected	0.05
Endosulfan sulfate			Not detected	0.05	Not detected	0.05
Endrin			Not detected	0.05	Not detected	0.05
Endrin aldehyde			Not detected	0.05	Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05	Not detected	0.05
Heptachlor			Not detected	0.05	Not detected	0.05
Heptachlor epoxide			Not detected	0.05	Not detected	0.05
Methoxychlor			Not detected	0.2	Not detected	0.2
Toxaphene			Not detected	2.0	Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L				
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1

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Client Sample ID			MW-2-1998		MW-3-1998	
York Sample ID			03120259-06		03120259-07	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	11
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected		Not detected	1
Chloroethane			Not detected	1	Not detected	
Chloroform			Not detected	1	Not detected	
Chloromethane			Not detected	1	Not detected	
cis-1,3-Dichloropropylene			Not detected		Not detected	<u>                                      </u>
Dibromochloromethane			Not detected	1	Not detected	
Dibromomethane			Not detected		Not detected	
Dichlorodifluoromethane			Not detected	1	Not detected	
Ethylbenzene			Not detected		Not detected	
Hexachlorobutadiene			Not detected		Not detected	
Isopropylbenzene			Not detected		Not detected	
Methylene chloride			Not detected		Not detected	
Naphthalene			Not detected		Not detected	
n-Butylbenzene			Not detected		Not detected	<u>                                      </u>
n-Propylbenzene			Not detected		Not detected	<u>                                      </u>
o-Xylene			Not detected		Not detected	
p- & m-Xylenes			Not detected		Not detected	1
p-Isopropyltoluene			Not detected	I	Not detected	
sec-Butylbenzene			Not detected		Not detected	
Styrene			Not detected		Not detected	
tert-Butylbenzene			Not detected	1	Not detected	
Tetrachloroethylene			Not detected		Not detected	
1 oluene			Not detected		Not detected	1 1
trans-1,3-Dichloropropylene			Not detected		Not detected	<u> </u>
Irichloroethylene			Not detected		Not detected	1
Irichlorotluoromethane			Not detected		Not detected	
Vinyl chloride		1	Not detected	1	Not detected	1

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Client Sample ID			MW-2-1998		MW-3-1998	
York Sample ID			03120259-06		03120259-07	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L				
Acenaphthene			Not detected	10	Not detected	10
Acenaphthylene			Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10
Benzo[a]anthracene			Not detected	10	Not detected	10
Benzo[a]nvrene			Not detected	10	Not detected	10
Benzo[b]fluoranthene			Not detected	10	Not detected	10
Benzo[g h i]pervlene			Not detected	10	Not detected	10
Benzo[k]fluoranthene			Not detected	10	Not detected	10
Chyrsene			Not detected	10	Not detected	10
Dibenz[a h]anthracene			Not detected	10	Not detected	10
Fluoranthene			Not detected	10	Not detected	10
Eluorene			Not detected	10	Not detected	10
Indepo[1 2.2 cd]pyrepe			Not detected	10	Not detected	10
Nanhthalana	· · · · · · · · · · · · · · · · · · ·		Not detected	10	Not detected	10
Dhononthrono			Not detected	10	Not detected	10
Phenantinene			2 1	10	Not detected	10
Pyrene	SW846 2510C/8082	ug/I	2 3	10		
	5 w 840-3310C/8082	ug/L	Not detected	0.2	Not detected	0.2
PCB 1016			Not detected	0.2	Not detected	0.2
PCB 1221	<u> </u>		Not detected	0.2	Not detected	0.2
PCB 1232			Not detected	0.2	Not detected	0.2
PCB 1242	<u> </u>		Not detected	0.2	Not detected	0.2
PCB 1248			Not detected	0.2	Not detected	0.2
PCB 1254	· · · · · · · · · · · · · · · · · · ·		Not detected	0.2	Not detected	0.2
PCB 1260		<u> </u>	Not detected	0.2	Not detected	0.2
PCB, Iotal	OW946 (010	1 10°/I	Not detected	0.2	Not detected	0.2
Metals, Target Analyte	S W 840-0010	ug/L				
List(Dissolved)			284	5.0	62.9	5.0
Aluminum			Not detected	5.0	Not detected	5.0
Antimony			Not detected	10.0	Not detected	10.0
Arsenic	<u> </u>		Not delected	10.0	60.4	10.0
Barium			91.2 Not detected	10.0	Not detected	10.0
Beryllium			Not detected	2.0	Not detected	3.0
Cadmium			27000	20.0	107000	20.0
Calcium			37000	20.0	Not detected	5.0
Chromium			Not detected	5.0	40.7	5.0
Cobalt		·		5.0	12.2	50
Copper			1.2	5.0	316	5.0
Iron			213	3.0	5 2	2.0
Lead			02.8	10.0	<u> </u>	10.0
Magnesium		+	0840	5.0	40000	5.0
Manganese			264	5.0	492	5.0
Nickel			Not detected	3.0		20.0
Potassium			2430	30.0	9040	10.0
Selenium			Not detected	10.0	Not detected	10.0
Silver		+	Not detected	5.0		50.0
Sodium			24700	50.0	/5800	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium		~	Not detected	10.0	Not detected	10.0
Zinc			24.6	20.0	205	20.0
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002

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Client Sample ID			MW-2-1998		MW-3-1998	
York Sample ID			03120259-06		03120259-07	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	ug/L				
Aluminum			4120	5.0	1030	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			204	10.0	129	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			4.1	3.0	Not detected	3.0
Calcium			39900	20.0	109000	20.0
Chromium			10.9	5.0	7.9	5.0
Cobalt			6.0	5.0	51.9	5.0
Copper			177	5.0	113	5.0
Iron			6030	5.0	12400	5.0
Lead			2160	3.0	114	3.0
Magnesium			7680	10.0	41400	10.0
Manganese			324	5.0	614	5.0
Nickel			17.1	5.0	5.9	5.0
Potassium			2480	30.0	9290	30.0
Selenium			Not detected	10.0	Not detected	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			16000	50.0	75400	50.0
Thallium	· · · · · · · · · · · · · · · · · · ·		Not detected	10.0	Not detected	10.0
Vanadium			45.3	10.0	14.4	10.0
Zinc			819	20.0	442	20.0
Mercury	SW846-7470	mg/L	0.0024	0.0002	Not detected	0.0002

17.00 EX.

Client Sample ID			DW-2	
York Sample ID			03120259-08	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L		
4,4'-DDD			Not detected	0.05
4,4'-DDE			Not detected	0.05
4,4'-DDT			Not detected	0.05
Aldrin			Not detected	0.05
alpha-BHC			Not detected	0.05
beta-BHC			Not detected	0.05
Chlordane			Not detected	0.2
delta-BHC			Not detected	0.05
Dieldrin			Not detected	0.05
Endosulfan I			Not detected	0.05
Endosulfan II			Not detected	0.05
Endosulfan sulfate			Not detected	0.05
Endrin			Not detected	0.05
Endrin aldehyde			Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05
Heptachlor			Not detected	0.05
Heptachlor epoxide			Not detected	0.05
Methoxychlor			Not detected	0.2
Toxaphene			Not detected	2.0



Client Sample ID			DW-2	
York Sample ID			03120259-08	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L		
1.1.1.2-Tetrachloroethane			Not detected	1
1,1,1-Trichloroethane			Not detected	1
1 1 2 2-Tetrachloroethane			Not detected	1
1.1.2-Trichloroethane			Not detected	1
1.1-Dichloroethane			Not detected	1
1.1-Dichloroethylene			Not detected	1
1.1-Dichloropropylene			Not detected	1
1.2.3-Trichlorobenzene			Not detected	1
1.2.3-Trichloropropane			Not detected	1
1.2.3-Trimethylbenzene			Not detected	1
1.2.4-Trichlorobenzene		-	Not detected	1
1 2 4-Trimethylbenzene			Not detected	1
1 2-Dibromo-3-chloropropane			Not detected	1
1.2-Dibromoethane			Not detected	1
1 2-Dichlorobenzene			Not detected	1
1.2-Dichloroethane	+		Not detected	1
1 2-Dichloroethylene (Total)			Not detected	1
1.2-Dichloropropage			Not detected	1
1.3.5-Trimethylbenzene			Not detected	1
1 3-Dichlorobenzene			Not detected	1
1 3-Dichloropropage			Not detected	1
1 4-Dichlorobenzene			Not detected	1
1.Chlorobexane		_	Not detected	1
2 2-Dichloropropage			Not detected	1
2.2 Diemoropropune			Not detected	1
4-Chlorotoluene			Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	1
Bromochloromethane			Not detected	1
Bromodichloromethane			Not detected	1
Bromoform			Not detected	1
Bromomethane			Not detected	1
Carbon tetrachloride			Not detected	1
Chlorobenzene			Not detected	1
Chloroethane			Not detected	1
Chloroform			Not detected	1
Chloromethane			Not detected	1
cis-1 3-Dichloropropylene			Not detected	1
Dibromochloromethane	·· · ·	-	Not detected	1
Dibromomethane			Not detected	1
Dichlorodifluoromethane			Not detected	1
Fthylbenzene			Not detected	1
Hexachlorobutadiene			Not detected	1
Isopropylhenzene			Not detected	1
Methylene chloride			Not detected	1
Nanhthalene			Not detected	1
n-Butylbenzene			Not detected	1
n_Pronvilhanzana			Not detected	1
-Yvlene			Not detected	1
n_& m_Yvlenes			Not detected	1



Client Sample ID			DW-2	
York Sample ID			03120259-08	· ····
Matrix			WATER	
Parameter	Method	Units	Results	MDL
p-Isopropyltoluene			Not detected	1
sec-Butylbenzene			Not detected	1
Styrene			Not detected	1
tert-Butylbenzene			Not detected	1
Tetrachloroethylene			Not detected	1
Toluene			Not detected	1
trans-1 3-Dichloropropylene			Not detected	1
Trichloroethylene	·····		Not detected	1
Trichlorofluoromethane			Not detected	1
Vinul chloride			Not detected	1
Delementary Anomatic Hedres (DN)	SW046 9270		Not detected	1
Polynuclear Aromatic Hydroc.(BN)	5 W 640-62 /0	ug/L	Not datastad	10
Acenaphthene			Not detected	10
Acenaphthylene			Not detected	10
Anthracene			Not detected	10
Benzo[a]anthracene			Not detected	10
Benzo[a]pyrene			Not detected	10
Benzo[b]fluoranthene			Not detected	10
Benzo[g,h,i]perylene			Not detected	10
Benzo[k]fluoranthene			Not detected	10
Chyrsene			Not detected	10
Dibenz[a,h]anthracene			Not detected	10
Fluoranthene			Not detected	10
Fluorene			Not detected	10
Indeno[1,2,3-cd]pyrene			Not detected	10
Naphthalene			Not detected	10
Phenanthrene			Not detected	10
Pyrene			Not detected	10
РСВ	SW846-3510C/8082	ug/L		
PCB 1016			Not detected	0.2
PCB 1221			Not detected	0.2
PCB 1232			Not detected	0.2
PCB 1242			Not detected	0.2
PCB 1248			Not detected	0.2
PCB 1254			Not detected	0.2
PCB 1260			Not detected	0.2
PCB, Total			Not detected	0.2
Metals, Target Analyte List(Dissolved)	SW846-6010	ug/L		
Aluminum			170	5.0
Antimony			Not detected	5.0
Arsenic			Not detected	10.0
Barium			54.6	10.0
Bervllium			Not detected	1.0
Cadmium	·····		Not detected	3.0
Calcium	····		122000	20.0
Chromium		<u> </u>	5.0	50
Cobalt			97	5.0
Copper			53	5.0
Iron		<u> </u>	121	5.0
Land		ł	5.2	3.0
Magnasium			56200	10.0
Manganasa			1/7	5.0
manganese	1	1	14/	1 5.0



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Client Sample ID			DW-2	
York Sample ID			03120259-08	
Matrix	·····		WATER	
Parameter	Method	Units	Results	MDL
Nickel			Not detected	5.0
Potassium			3760	30.0
Selenium			16.7	10.0
Silver			Not detected	5.0
Sodium			22600	50.0
Thallium			Not detected	10.0
Vanadium			Not detected	10.0
Zinc			164	20.0
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002
Metals, Target Analyte List(TAL)	SW846-6010	ug/L		
Aluminum			7070	5.0
Antimony			Not detected	5.0
Arsenic			Not detected	10.0
Barium			229	10.0
Beryllium			Not detected	1.0
Cadmium			Not detected	3.0
Calcium			125000	20.0
Chromium			24.0	5.0
Cobalt			35.3	5.0
Copper			124	5.0
Iron			13800	5.0
Lead			156	3.0
Magnesium			58500	10.0
Manganese			2100	5.0
Nickel			19.9	5.0
Potassium			5330	30.0
Selenium			17.9	10.0
Silver			Not detected	5.0
Sodium			23400	50.0
Thallium			Not detected	10.0
Vanadium			27.7	10.0
Zinc			724	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002

Client Sample ID			MW-8	
York Sample ID			03120259-09	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L		
4,4'-DDD			Not detected	0.05
4,4'-DDE			Not detected	0.05
4,4'-DDT			Not detected	0.05
Aldrin			Not detected	0.05
alpha-BHC			Not detected	0.05
beta-BHC			Not detected	0.05
Chlordane			Not detected	0.2
delta-BHC			Not detected	0.05
Dieldrin			Not detected	0.05
Endosulfan I			Not detected	0.05

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Client Sample ID			MW-8	
York Sample ID			03120259-09	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Endosulfan II			Not detected	0.05
Endosulfan sulfate			Not detected	0.05
Endrin			Not detected	0.05
Endrin aldehvde			Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05
Heptachlor			Not detected	0.05
Heptachlor epoxide			Not detected	0.05
Methoxychlor			Not detected	0.2
Toxaphene			Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L		
1.1.1.2-Tetrachloroethane			Not detected	2.0
1.1.1-Trichloroethane			Not detected	2.0
1.1.2.2-Tetrachloroethane			Not detected	2.0
1.1.2-Trichloroethane			Not detected	2.0
1.1-Dichloroethane	· · · ·		Not detected	2.0
1 1-Dichloroethylene	· · · · · · · · · · · · · · · · · · ·		Not detected	2.0
1.1-Dichloropropylene			Not detected	2.0
1.2.3-Trichlorobenzene			Not detected	2.0
1 2 3-Trichloropropane			Not detected	2.0
1 2 3-Trimethylbenzene			Not detected	2.0
1 2 4-Trichlorobenzene	······		Not detected	2.0
1 2 4-Trimethylbenzene	•		Not detected	2.0
1 2-Dibromo-3-chloropropane			Not detected	2.0
1.2-Dibromoethane			Not detected	2.0
1.2-Dichlorobenzene			Not detected	2.0
1.2-Dichloroethane			Not detected	2.0
1.2-Dichloroethylene (Total)			Not detected	2.0
1,2-Dichloropropane			Not detected	2.0
1.3.5-Trimethylbenzene			Not detected	2.0
1.3-Dichlorobenzene	······································		Not detected	2.0
1,3-Dichloropropane			Not detected	2.0
1,4-Dichlorobenzene			Not detected	2.0
1-Chlorohexane	······································		Not detected	2.0
2,2-Dichloropropane			Not detected	2.0
2-Chlorotoluene			Not detected	2.0
4-Chlorotoluene			Not detected	2.0
Benzene			Not detected	2.0
Bromobenzene			Not detected	2.0
Bromochloromethane			Not detected	2.0
Bromodichloromethane			Not detected	2.0
Bromoform			Not detected	2.0
Bromomethane			Not detected	2.0
Carbon tetrachloride	· · · · · · · · · · · · · · · · · · ·		Not detected	2.0
Chlorobenzene			Not detected	2.0
Chloroethane			Not detected	2.0
Chloroform			Not detected	2.0
Chloromethane			Not detected	2.0
cis-1.3-Dichloropropylene			Not detected	2.0
Dibromochloromethane			Not detected	2.0
Dibromomethane			Not detected	2.0
Dichlorodifluoromethane			Not detected	2.0



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Client Sample ID			MW-8	
York Sample ID			03120259-09	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Ethylbenzene			Not detected	2.0
Hexachlorobutadiene			Not detected	2.0
Isopropylbenzene			Not detected	2.0
Methylene chloride			Not detected	2.0
Naphthalene			240 B	2.0
n-Butylbenzene			Not detected	2.0
n-Propylbenzene			Not detected	2.0
o-Xylene			Not detected	2.0
p- & m-Xylenes			Not detected	2.0
p-Isopropyltoluene			26	2.0
sec-Butylbenzene			Not detected	2.0
Styrene			Not detected	2.0
tert-Butylbenzene			Not detected	2.0
Tetrachloroethylene			Not detected	2.0
Toluene			Not detected	2.0
trans-1.3-Dichloropropylene			Not detected	2.0
Trichloroethylene			Not detected	2.0
Trichlorofluoromethane			Not detected	2.0
Vinvl chloride			Not detected	2.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L		
Acenaphthene			25	10
Acenaphthylene			Not detected	10
Anthracene			16	10
Benzolalanthracene			10	10
Benzofalpyrene			8 J	10
Benzo[b]fluoranthene			6 J	10
Benzolg,h,i]pervlene			Not detected	10
Benzo[k]fluoranthene	·····	1	6 J	10
Chyrsene			11	10
Dibenz[a,h]anthracene			Not detected	10
Fluoranthene			29	10
Fluorene			27	10
Indeno[1,2,3-cd]pyrene		1	Not detected	10
Naphthalene			5 J	10
Phenanthrene			41	10
Pyrene			26	10
РСВ	SW846-3510C/8082	ug/L		
PCB 1016			Not detected	0.2
PCB 1221			Not detected	0.2
PCB 1232	· · · · ·	1	Not detected	0.2
PCB 1242			Not detected	0.2
PCB 1248			Not detected	0.2
PCB 1254			Not detected	0.2
PCB 1260	·····	1	Not detected	0.2
PCB, Total	· · · · · · · · · · · · · · · · · · ·		Not detected	0.2
Metals, Target Analyte List(Dissolved)	SW846-6010	ug/L		
Aluminum		<u> </u>	2750	5.0
Antimony			Not detected	5.0
Arsenic			10.8	10.0
Barium		1	100	10.0
Beryllium			Not detected	1.0



Client Sample ID			MW-8	
York Sample ID		- · · ·	03120259-09	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Cadmium			32600	3.0
Calcium			Not detected	20.0
Chromium			Not detected	5.0
Cobalt			Not detected	5.0
Copper			19.0	5.0
Iron			1190	5.0
Lead			55.9	3.0
Magnesium			13400	10.0
Manganese			347	5.0
Nickel			Not detected	5.0
Potassium			26900	30.0
Selenium			Not detected	10.0
Silver			Not detected	5.0
Sodium			289000	50.0
Thallium			Not detected	10.0
Vanadium			Not detected	10.0
Zinc			52.0	20.0
Mercury, Dissolved	SW-846-7470	mg/L	0.0006	0.0002
Metals, Target Analyte List(TAL)	SW846-6010	ug/L		
Aluminum			131000	5.0
Antimony			Not detected	5.0
Arsenic			40.1	10.0
Barium			5560	10.0
Beryllium			8.0	1.0
Cadmium			4.5	3.0
Calcium			553000	20.0
Chromium			209	5.0
Cobalt			83.7	5.0
Copper			Not detected	5.0
Iron			449000	5.0
Lead			5090	3.0
Magnesium		1	55200	10.0
Manganese			20300	5.0
Nickel			198	5.0
Potassium			47600	30.0
Selenium			154	10.0
Silver			Not detected	5.0
Sodium			344000	50.0
Thallium			Not detected	10.0
Vanadium			767	10.0
Zinc			15200	20.0
Mercury	SW846-7470	mg/L	0.0029	0.0002



Client Sample ID			MW-2-1992	
York Sample ID			03120259-10	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L		
1,1,1,2-Tetrachloroethane			Not detected	2.0
1,1,1-Trichloroethane			Not detected	2.0
1,1,2,2-Tetrachloroethane			Not detected	2.0
1,1,2-Trichloroethane			Not detected	2.0
1,1-Dichloroethane	<u> </u>		Not detected	2.0
1,1-Dichloroethylene			Not detected	2.0
1,1-Dichloropropylene			Not detected	2.0
1,2,3-Trichlorobenzene			Not detected	2.0
1,2,3-Trichloropropane			Not detected	2.0
1,2,3-Trimethylbenzene			Not detected	2.0
1,2,4-Trichlorobenzene			Not detected	2.0
1,2,4-Trimethylbenzene			Not detected	2.0
1,2-Dibromo-3-chloropropane			Not detected	2.0
1,2-Dibromoethane			Not detected	2.0
1,2-Dichlorobenzene			Not detected	2.0
1,2-Dichloroethane			Not detected	2.0
1,2-Dichloroethylene (Total)			Not detected	2.0
1,2-Dichloropropane			Not detected	2.0
1,3,5-Trimethylbenzene			Not detected	2.0
1,3-Dichlorobenzene			Not detected	2.0
1,3-Dichloropropane			Not detected	2.0
1,4-Dichlorobenzene			Not detected	2.0
1-Chlorohexane			Not detected	2.0
2,2-Dichloropropane			Not detected	2.0
2-Chlorotoluene			Not detected	2.0
4-Chlorotoluene			Not detected	2.0
Benzene			Not detected	2.0
Bromobenzene			Not detected	2.0
Bromochloromethane			Not detected	2.0
Bromodichloromethane			Not detected	2.0
Bromoform			Not detected	2.0
Bromomethane			Not detected	2.0
Carbon tetrachloride			Not detected	2.0
Chlorobenzene			Not detected	2.0
Chloroethane			Not detected	2.0
Chloroform			Not detected	2.0
Chloromethane			Not detected	2.0
cis-1,3-Dichloropropylene			Not detected	2.0
Dibromochloromethane			Not detected	2.0
Dibromomethane			Not detected	2.0
Dichlorodifluoromethane			Not detected	2.0
Ethylbenzene			Not detected	2.0
Hexachlorobutadiene			Not detected	2.0
Isopropylbenzene			Not detected	2.0
Methylene chloride			Not detected	2.0
Naphthalene			11 B	2.0
n-Butylbenzene			Not detected	2.0
n-Propylbenzene			Not detected	2.0
o-Xylene			Not detected	2.0
p- & m-Xylenes			Not detected	2.0

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Client Sample ID			MW-2-1992	
York Sample ID			03120259-10	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
p-Isopropyltoluene			Not detected	2.0
sec-Butylbenzene			Not detected	2.0
Styrene			Not detected	2.0
tert-Butylbenzene			Not detected	2.0
Tetrachloroethylene			Not detected	2.0
Toluene			Not detected	2.0
trans-1,3-Dichloropropylene			Not detected	2.0
Trichloroethylene	-		Not detected	2.0
Trichlorofluoromethane			Not detected	2.0
Vinyl chloride			Not detected	2.0

Client Sample ID			MW-9		MW-4-1998	
York Sample ID			03120259-11		03120259-12	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4,4'-DDD			Not detected	0.05	Not detected	0.05
4,4'-DDE			Not detected	0.05	Not detected	0.05
4,4'-DDT			Not detected	0.05	Not detected	0.05
Aldrin			Not detected	0.05	Not detected	0.05
alpha-BHC			Not detected	0.05	Not detected	0.05
beta-BHC			Not detected	0.05	Not detected	0.05
Chlordane			Not detected	0.2	Not detected	0.2
delta-BHC			Not detected	0.05	Not detected	0.05
Dieldrin			Not detected	0.05	Not detected	0.05
Endosulfan I			Not detected	0.05	Not detected	0.05
Endosulfan II			Not detected	0.05	Not detected	0.05
Endosulfan sulfate			Not detected	0.05	Not detected	0.05
Endrin			Not detected	0.05	Not detected	0.05
Endrin aldehyde			Not detected	0.05	Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05	Not detected	0.05
Heptachlor			Not detected	0.05	Not detected	0.05
Heptachlor epoxide			Not detected	0.05	Not detected	0.05
Methoxychlor			Not detected	0.2	Not detected	0.2
Toxaphene			Not detected	2.0	Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L				
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1.2-Dibromo-3-chloropropane			Not detected	1	Not detected	1



Client Sample ID			MW-9		MW-4-1998	
York Sample ID	<u></u>		03120259-11		03120259-12	
Matrix		1	WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1.2-Dibromoethane		1	Not detected	1	Not detected	1
1 2-Dichlorobenzene		1	Not detected	1	Not detected	1
1.2-Dichloroethane		1	Not detected	1	Not detected	1
1.2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1.2-Dichloropropane	··· ···		Not detected	1	Not detected	1
1.3.5-Trimethylbenzene			Not detected	1	Not detected	1
1.3-Dichlorobenzene			Not detected	1	Not detected	1
1.3-Dichloropropane			Not detected	1	Not detected	1
1.4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2.2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene		1	Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene		_	Not detected	. 1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	
Toluene		_	Not detected	1	Not detected	<u>  1</u>
trans-1,3-Dichloropropylene			Not detected		Not detected	<u>                                      </u>
Trichloroethylene	-um-,		Not detected		Not detected	
Trichlorofluoromethane			Not detected	1	Not detected	
Vinyl chloride			Not detected	1	Not detected	
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L				
Acenaphthene			Not detected	10	Not detected	10
Acenaphthylene			Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10



Client Sample ID			MW-9		MW-4-1998	
York Sample ID			03120259-11		03120259-12	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo[a]anthracene			Not detected	10	Not detected	10
Benzo[a]pyrene			Not detected	10	Not detected	10
Benzo[b]fluoranthene			Not detected	10	Not detected	10
Benzo[g,h,i]perylene			Not detected	10	Not detected	10
Benzo[k]fluoranthene			Not detected	10	Not detected	10
Chyrsene			Not detected	10	Not detected	10
Dibenz[a,h]anthracene			Not detected	10	Not detected	10
Fluoranthene			3 J	10	Not detected	10
Fluorene			Not detected	10	Not detected	10
Indeno[1,2,3-cd]pyrene		· · ·	Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
Phenanthrene			3 J	10	Not detected	10
Pvrene			3 J	10	Not detected	10
РСВ	SW846-3510C/8082	ug/L				
PCB 1016			Not detected	0.2	Not detected	0.2
PCB 1221			Not detected	0.2	Not detected	0.2
PCB 1232			Not detected	0.2	Not detected	0.2
PCB 1232			Not detected	0.2	Not detected	0.2
PCB 1248			Not detected	0.2	Not detected	0.2
PCB 1254			Not detected	0.2	Not detected	0.2
PCB 1260			Not detected	0.2	Not detected	0.2
PCB Total			Not detected	0.2	Not detected	0.2
Metals Target Analyte	SW846-6010	ng/L				
List(Dissolved)	5		·			
Aluminum			352	5.0	26.6	5.0
Antimony	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium		<u>                                      </u>	90.2	10.0	92.7	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			206000	20.0	146000	20.0
Chromium			Not detected	5.0	Not detected	5.0
Cobalt			6,4	5.0	5.6	5.0
Copper			5.4	5.0	Not detected	5.0
Iron			244	5.0	525	5.0
Lead	<u> </u>	1	7.9	3.0	6.3	3.0
Magnesium			23700	10.0	34000	10.0
Manganese		1	2740	5.0	1710	5.0
Nickel		1	10.4	5.0	Not detected	5.0
Potassium			9570	30.0	15300	30.0
Selenium		1	47.3	10.0	16.9	10.0
Silver		1	Not detected	5.0	Not detected	5.0
Sodium		1	16400	50.0	95900	50.0
Thallium	<u> </u>	1	Not detected	10.0	Not detected	10.0
Vanadium	· · · · · · · · · · · · · · · · · · ·	1	Not detected	10.0	Not detected	10.0
Zinc		1	Not detected	20.0	26.5	20.0
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0,0002	Not detected	0.0002
Metals, Target Analyte List(TAL)	SW846-6010	ug/L				
Aluminum		<u> </u>	37000	5.0	2750	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			12.2	10.0	Not detected	10.0
		1	1 12,2	1	1.01 dolociou	1

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NC-NYCDEP-00000356

Client Sample ID			MW-9		MW-4-1998	
York Sample ID			03120259-11		03120259-12	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Barium			1010	10.0	177	10.0
Beryllium			4.7	1.0	Not detected	1.0
Cadmium			3.3	3.0	Not detected	3.0
Calcium			332000	20.0	149000	20.0
Chromium			119	5.0	7.6	5.0
Cobalt			107	5.0	14.6	5.0
Copper			903	5.0	5.5	5.0
Iron			86800	5.0	24800	5.0
Lead			1480	3.0	69.3	3.0
Magnesium			44400	10.0	35700	10.0
Manganese			8210	5.0	1790	5.0
Nickel			142	5.0	14.5	5.0
Potassium			16400	30.0	15700	30.0
Selenium			45.8	10.0	16.7	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			18600	50.0	96500	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			206	10.0	12.0	10.0
Zinc			946	20.0	823	20.0
Mercury	SW846-7470	mg/L	0.0030	0.0002	0.0012	0.0002

Client Sample ID			EB-12/4		MW-15	
York Sample ID			03120259-13		03120259-14	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4,4'-DDD			Not detected	0.05	Not detected	0.05
4,4'-DDE			Not detected	0.05	Not detected	0.05
4,4'-DDT			Not detected	0.05	Not detected	0.05
Aldrin			Not detected	0.05	Not detected	0.05
alpha-BHC			Not detected	0.05	Not detected	0.05
beta-BHC			Not detected	0.05	Not detected	0.05
Chlordane			Not detected	0.2	Not detected	0.2
_delta-BHC			Not detected	0.05	Not detected	0.05
Dieldrin			Not detected	0.05	Not detected	0.05
Endosulfan I			Not detected	0.05	Not detected	0.05
Endosulfan II			Not detected	0.05	Not detected	0.05
Endosulfan sulfate			Not detected	0.05	Not detected	0.05
Endrin			Not detected	0.05	Not detected	0.05
Endrin aldehyde			Not detected	0.05	Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05	Not detected	0.05
Heptachlor			Not detected	0.05	Not detected	0.05
Heptachlor epoxide			Not detected	0.05	Not detected	0.05
Methoxychlor			Not detected	0.2	Not detected	0.2
Toxaphene			Not detected	2.0	Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L				
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1



Client Sample ID			EB-12/4		MW-15	
York Sample ID			03120259-13		03120259-14	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene	·		Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane		_	Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane		_	Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	
Chloromethane		-	Not detected	1	Not detected	<u>                                      </u>
cis-1,3-Dichloropropylene			Not detected	1	Not detected	$\frac{1}{1}$
Dibromochloromethane			Not detected		Not detected	$\frac{1}{1}$
Dibromomethane			Not detected		Not detected	<u>                                      </u>
Dichlorodifluoromethane			Not detected		Not detected	<u>                                      </u>
Ethylbenzene			Not detected		Not detected	
Hexachlorobutadiene			Not detected	<u> </u>	Not detected	
Isopropylbenzene			Not detected	<u> </u>	Not detected	
Methylene chloride			Not detected		Not detected	
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected		Not detected	
n-Propylbenzene			Not detected		Not detected	<u>                                      </u>
o-Xylene			Not detected		Not detected	
p- & m-Xylenes			Not detected		Not detected	
p-Isopropyltoluene	<u> </u>	_	Not detected	1	Not detected	
sec-Butylbenzene			Not detected		Not detected	
Styrene	· · · · · · · · · · · · · · · · · · ·		Not detected		Not detected	
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	

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Client Sample ID			EB-12/4		MW-15	
York Sample ID			03120259-13		03120259-14	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L				
Acenaphthene		······ ·······························	Not detected	10	2 J	10
Acenaphthylene			Not detected	10	Not detected	10
Anthracene			Not detected	10	3 J	10
Benzo[a]anthracene			Not detected	10	7 J	10
Benzo[a]pyrene			Not detected	10	6 J	10
Benzolblfluoranthene			Not detected	10	4 J	10
Benzo[g.h.i]pervlene			Not detected	10	3 J	10
Benzoklfluoranthene			Not detected	10	6 J	10
Chyrsene	·····		Not detected	10	7 J	10
Dibenz[a h]anthracene	· · · · ·		Not detected	10	Not detected	10
Fluoranthene			Not detected	10	15	10
Fluorene			Not detected	10	2 J	10
Indeno[1.2.3-cd]pyrepe			Not detected	10	3.1	10
Nanhthalene			Not detected	10	Not detected	10
Dhenanthrene			Not detected	10	12	10
Durene			Not detected	10	13	10
PCB	SW/846-3510C/8082	ug/I				
PCP 1016	3 W 840-3310C/8082	ug/L	Not detected	0.2	Not detected	0.2
PCB 1010			Not detected	0.2	Not detected	0.2
PCB 1221			Not detected	0.2	Not detected	0.2
PCB 1252			Not detected	0.2	Not detected	0.2
PCD 1242			Not detected	0.2	Not detected	0.2
PCB 1248			Not detected	0.2	Not detected	0.2
PCB 1254			Not detected	0.2	Not detected	0.2
PCB 1200		<u> </u>	Not detected	0.2	Not detected	0.2
PCD, Total	SW/946 6010		Noi delected	0.2	Not detected	0.2
List(Dissolved)	S W 040-0010	ug/L				1
Aluminum					352	5.0
Antimony	·				167	5.0
Andmiony					Not detected	10.0
Deriver				<u> </u>	120	10.0
Darium Dariilium					Not detected	10.0
<u> </u>					Not detected	2.0
Calainum					77000	20.0
					//000	20.0
Chromium				<u> </u>		5.0
Cobalt		+			/.3	5.0
Copper	<u> </u>	1			20.1	3.0
Iron		+			203	3.0
Lead		+			49.3	3.0
Magnesium		· · · · ·			14200	10.0
Manganese					/58	5.0
Nickel					5.2	5.0
Potassium				<b> </b>	6750	30.0
Selenium		1			Not detected	10.0
Silver		1	1		Not detected	5.0

Client Sample ID			EB-12/4		MW-15	
York Sample ID			03120259-13		03120259-14	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Sodium					71800	50.0
Thallium					Not detected	10.0
Vanadium					Not detected	10.0
Zinc					67.4	20.0
Mercury, Dissolved	SW-846-7470	mg/L			Not detected	0.0002
Metals, Target Analyte List(TAL)	SW846-6010	ug/L				
Aluminum			Not detected	5.0	49900	5.0
Antimony			Not detected	5.0	70.0	5.0
Arsenic			Not detected	10.0	127	10.0
Barium			Not detected	10.0	2520	10.0
Beryllium			Not detected	1.0	2.7	1.0
Cadmium			Not detected	3.0	40.5	3.0
Calcium			Not detected	20.0	758000	20.0
Chromium			Not detected	5.0	139	5.0
Cobalt			Not detected	5.0	426	5.0
Copper			Not detected	5.0	11800	5.0
Iron			9.8	5.0	95900	5.0
Lead			Not detected	3.0	38400	3.0
Magnesium			Not detected	10.0	58000	10.0
Manganese			Not detected	5.0	7170	5.0
Nickel			Not detected	5.0	299	5.0
Potassium			Not detected	30.0	16200	30.0
Selenium			Not detected	10.0	33.3	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			157	50.0	105000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			Not detected	10.0	211	10.0
Zinc			Not detected	20.0	15200	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002	0.0092	0.0002

Units Key:

For Waters/Liquids: mg/L = ppm; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

#### Notes for York Project No. 03120259

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or nontarget analytes and matrix interference.

Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made. 2.

3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.

4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

5. All samples were received in proper condition for analysis with proper documentation.

6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Munth flader Robert Q. Bradle

Managing Director

Date: 12/22/2003





### **Definitions for FLAGS used as a Results Suffix**

Flags are sometimes used on results to indicate certain occurences during the analysis process. The most common flags used by York are defined below.

#### FLAG

J

#### DEFINITION

J indicates an estimated value. This flag applies to Tentatively Identified Compounds or, when requested, for a target compound whose result is less than the reporting limit but whose mass spectral data meet identification criteria. For example if the reporting limit is listed as 10 ppb and the analysis shows 3 ppb, the result can be reported as 3 J. The client must request the use of J flags for the laboratory to report such flags.

**B** B indicates that the analyte was also found in the associated batch method blank. This flag indicates possible/probable blank contamination and warns the data user to be aware. This mostly applies to the volatiles acetone and methylene chloride and the semi-volatiles bis-(2-ethylhexyl) phthalate and other phthalates.

E This flag is used to indicate that the reported concentration of an analyte exceeded the calibration range of the analytical system. In this case the result reported is treated as a minimum value. This often applies where clients request an additional analyte after sample analysis, such as acetone, where the initial analysis did not require dilution since acetone was not a target compound. This flag will also apply if after numerous dilutions a specific target compound would significantly dilute out all other targets.

STAMFORD, CT 06906

6906 (203) 325-1371

FAX (203) 357-0166

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	SEARCH DRIVI	les, INC. E		<b>FIel</b>	d Chair	1-01-Cus	stody Rec	cord	2
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					57-15	49th Street	<u>Cires M</u>	V CURCE 10	ted)
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	1-8-1	· / / 5	2/1/03	×		1,005 en		- - -	Uescription(s)
CX	-MH	9				UGCS, SUCC	(1944 aly), Tetal	1+ Dissoluted	10000 / 100
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Q	- 2- MH	-1998		<u> </u>				3.1	12 Amber mone
Lt.	MW-3-	- 1998 -						<u>+</u>	250rt 14N03 250rt 1020
S	-MC	2 Hallow	5/2				ars/insp	1-1	400L HEL
6	2-CMM								Scont Incord
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<u>Company</u> Environte	Name	Report . Grea Me	To: In Aggio 8	<u>voice To:</u> ધન્પર	DEP/Wate	ject ID/No. - Start SDG 2 Samples Collect	り しかとの ご cted By (Signature)
Consiltar	ite, Inc.	<b>)</b>			57-15 L	19th Shreet Crea U	(eneqio
Sample No.	Locat	tion/ID	Date Sample	ed Water	nple Matrix Soit Air DTHER	ANALYSES REQUESTED	Container Description(s)
//	-mh	0-	12/4/03	X		NOCS, SUD CS (PAHS ONIN), TO + al 4 Di reduced TAL Metalin Pessi, ciden ACB	2-40mL ) HEC 3-16 Amber (Nove 281-2500 L ) HND2
12	MW-4.	- 1998					1-23 pullmore
61	E B-12,	) <i>ب</i>				VOCS, SUCG (PAHS ONLY), TOARE TAL MCANE POSTICIALO PCBE	2-40mil/HCL 3-11 Amber have 1-250 militation
١٢	N 1	S	12/4/03	×		VOCS, SUOCS (PAHOAN) TOTED &	2-40 mL HCL 3-14 Amber/more
	puz	5	Jater S	DC DC	1		1-250-11 12-1
			Ξ				
Chain-of-Custo	ody Record					Warmer	12/5 1045
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# **Technical Report**

prepared for

Enviroscience Consultants, Inc. 33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

Report Date: 2/23/2004 *Re: Client Project ID: DEP/Soil SDG-4* York Project No.: 04020284

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 NJ License No. CT401

Inela nelac

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NC-NYCDEP-00000364

Report Date: 2/23/2004 Client Project ID: DEP/Soil SDG-4 York Project No.: 04020284

#### Enviroscience Consultants, Inc.

33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

### Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 02/12/04. The project was identified as your project "DEP/Soil SDG-4".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			SB-21A		SB-21B	
York Sample ID			04020284-01		04020284-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			167	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10

### Analysis Results



Client Sample ID			SB-21A		SB-21B	
Vork Sample ID			04020284-01		04020284-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor		······································	Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	110/K g				
1 1 1 2-Tetrachloroethane	011010200	49/110	Not detected	20	Not detected	5.0
1.1.1-Trichloroethane			Not detected	20	Not detected	5.0
1 1 2 2 Tetrachloroethane	<u> </u>		Not detected	20	Not detected	5.0
1,1,2 Trichloroethane			Not detected	20	Not detected	5.0
1.1 Dichloroethane			Not detected	20	Not detected	5.0
1.1 Dichloroethylene	<u> </u>		Not detected	20	Not detected	5.0
1,1-Dichloropropylene			Not detected	20	Not detected	5.0
1,1-Dichloropropytene			Not detected	20	Not detected	5.0
	· · · · · · · · · · · · · · · · · · ·		Not detected	20	Not detected	5.0
1,2,3-Themoropropane			Not detected	20	Not detected	5.0
1,2,3-Trimetnyibenzene			Not detected	20	Not detected	5.0
1,2,4-1 richlorobenzene			Not detected	20	Not detected	5.0
1,2,4-Trimethylbenzene		-	Not detected	20	Not detected	5.0
1,2-Dibromo-3-chloropropane	· · · · · · · · · · · · · · · · · · ·		Not detected	20	Not detected	5.0
1,2-Dibromoethane	· · · · · · · · · · · · · · · · · · ·		Not detected	20	Not detected	5.0
1,2-Dichlorobenzene			Not detected	20	Not detected	5.0
1,2-Dichloroethane			Not detected	20	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	20	Not detected	5.0
1,2-Dichloropropane			Not detected	20	Not detected	5.0
1,3,5-Trimethylbenzene		-	Not detected	20	Not detected	5.0
1,3-Dichlorobenzene			Not detected	20	Not detected	5.0
1,3-Dichloropropane			Not detected	20	Not detected	5.0
1,4-Dichlorobenzene			Not detected	20	Not detected	5.0
1-Chlorohexane			Not detected	20	Not detected	5.0
2,2-Dichloropropane			Not detected	20	Not detected	5.0
2-Chlorotoluene			Not detected	20	Not detected	5.0
4-Chlorotoluene			Not detected	20	Not detected	5.0
Benzene			Not detected	20	Not detected	5.0
Bromobenzene			Not detected	20	Not detected	5.0
Bromochloromethane			Not detected	20	Not detected	5.0
Bromodichloromethane			Not detected	20	Not detected	5.0
Bromoform			Not detected	20	Not detected	5.0
Bromomethane			Not detected	20	Not detected	5.0
Carbon tetrachloride			Not detected	20	Not detected	5.0
Chlorobenzene			Not detected	20	Not detected	5.0
Chloroethane			Not detected	20	Not detected	5.0
Chloroform			Not detected	20	Not detected	5.0
Chloromethane			Not detected	20	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	20	Not detected	5.0
Dibromochloromethane			Not detected	20	Not detected	5.0
Dibromomethane			Not detected	20	Not detected	5.0
Dichlorodifluoromethane			Not detected	20	Not detected	5.0
Ethylbenzene			Not detected	20	Not detected	5.0
Hexachlorobutadiene			Not detected	20	Not detected	5.0
Isopropylbenzene			Not detected	20	Not detected	5.0
Methylene chloride			90 B	20	12 B	5.0
Naphthalene			1800	20	Not detected	5.0
n-Butylbenzene			Not detected	20	Not detected	5.0



Client Sample ID			SB-21A		SB-21B	
York Sample ID	· · · · · · · · · · · · · · · · · · ·		04020284-01		04020284-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Propylbenzene			Not detected	20	Not detected	5.0
o-Xylene			Not detected	20	Not detected	5.0
n- & m-Xylenes			Not detected	20	Not detected	5.0
n-Isopropyltoluene			Not detected	20	Not detected	5.0
sec_Butylbenzene			Not detected	20	Not detected	5.0
Styrene			Not detected	20	Not detected	5.0
tert. Butylbenzene		-	Not detected	20	Not detected	5.0
Tetrachloroethylene			Not detected	20	Not detected	5.0
Toluene			Not detected	20	Not detected	5.0
trong 1.2 Dichloronronylang			Not detected	20	Not detected	5.0
Trichloroothylono			Not detected	20	Not detected	5.0
Trichlandharamethana			Not detected	20	Not detected	5.0
	· · · ·		Not detected	20	Not detected	5.0
vinyi chioride	CW046 9270		INOT detected	20	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW840-8270	ug/kG			120 1	
Acenaphthene			24000	8300	120 J	000
Acenaphthylene			Not detected	8300	Not detected	660
Anthracene			- 37000	8300	290 J	660
Benzolalanthracene			100000	8300	910	660
Benzo[a]pyrene			86000	8300	/30	660
Benzo[b]fluoranthene			130000	8300	830	660
Benzo[g,h,1]perylene			8900	8300	200 J	660
Benzo[k]fluoranthene			130000	8300	950	660
Chrysene	· · · · · · · · · · · · · · · · · · ·		100000	8300	980	660
Dibenz[a,h]anthracene			19000	8300	Not detected	660
Fluoranthene			130000	8300	1700	660
Fluorene			23000	8300	100 J	660
Indeno[1,2,3-cd]pyrene			21000	8300	220 J	660
Naphthalene			16000	8300	Not detected	660
Phenanthrene			120000	8300	1200	660
Pyrene			110000	8300	1600	660
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242	· · · · · · · · · · · · · · · · · · ·		Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1260			0.15	0.02	Not detected	0.02
PCB, Total			0.15	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			7850	1.00	5480	1.00
Antimony			3.58	1.00	3.96	1.00
Arsenic			8.79	1.00	111	1.00
Barium		ļ	135	1.00	654	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			3.34	0.500	0.74	0.500
Calcium			30700	2.00	5900	2.00
Chromium			26.6	0.500	34.4	0.500
Cobalt		1	12.6	1.00	35.1	1.00
Copper			957	1.00	245	1.00
Iron			14900	1.00	23800	1.00

Client Sample ID			SB-21A		SB-21B	
York Sample ID			04020284-01		04020284-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead			341	1.00	544	1.00
Magnesium			11900	2.00	2320	2.00
Manganese			617	1.00	373	1.00
Nickel			27.0	1.00	16.1	1.00
Potassium			1010	3.00	1160	3.00
Selenium			1.76	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			1200	5.00	1080	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			56.2	2.00	19.2	2.00
Zinc			528	2.00	695	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	2.11	0.10

Client Sample ID			SB-22A		SB-22B	
York Sample ID			04020284-03		04020284-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			73.8	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0



Client Sample ID			SB-22A		SB-22B	
York Sample ID	· · · · · · · · · · · · · · · · · · ·		04020284-03		04020284-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1.2.4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2-Dibromo-3-chloropropane	the state of the s		Not detected	5.0	Not detected	5.0
1.2-Dibromoethane			Not detected	5.0	Not detected	5.0
1.2-Dichlorobenzene	· · · ·		Not detected	5.0	Not detected	5.0
1.2-Dichloroethane			Not detected	5.0	Not detected	5.0
1.2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2-Dichloropropane			Not detected	5.0	Not detected	5.0
1 3 5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1 3-Dichloropropage			Not detected	5.0	Not detected	5.0
1 4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorobexane			Not detected	5.0	Not detected	5.0
2 2-Dichloropropage			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform	****		Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-13-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene	······································		Not detected	5.0	Not detected	5.0
Isopropulbenzene	· · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Methylene chloride			65 B	5.0	13 B	5.0
Naphthalana			Not detected	5.0	Not detected	5.0
n Butylbenzene			Not detected	5.0	Not detected	5.0
n-Butylbenzene		<u> </u>	Not detected	5.0	Not detected	5.0
n-riopyidenzene			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
p- & III-Aytenes			Not detected	5.0	Not detected	5.0
p-isopropylioluene		+	Not detected	5.0	Not detected	5.0
Strong		+	Not detected	5.0	Not detected	5.0
Stylelle tort Dutulhangana			Not detected	5.0	Not detected	5.0
Tatrashlarasthulana		+	Not detected	5.0	Not detected	5.0
Tetracinoroeunyiene			Not detected	5.0	Not detected	5.0
trong 1.2 Dishlaranarylang			Not detected	5.0	Not detected	5.0
Trichloroethylono			Not detected	5.0	Not detected	5.0
Trichloroflycromethans		+	Not detected	5.0	Not detected	5.0
Vinul chlorido		+	Not detected	5.0	Not detected	5.0
V III VI Chioride	SW046 0270	ug/lcG			TNUL UELECIEU	5.0
r orynuclear Aromatic Hydroc.(BN)	5 W 040-02/0		550 T	3300	Not detected	320
Acenaphthene		1	1 220.1	1 2200	I INDE GEBELEG	1 550

Client Sample ID			SB-22A		SB-22B	
York Sample ID			04020284-03		04020284-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Acenaphthylene			Not detected	3300	Not detected	330
Anthracene			1000 J	3300	Not detected	330
Benzo[a]anthracene			4000	3300	100 J	330
Benzo[a]pyrene			3600	3300	85 J	330
Benzo[b]fluoranthene			4000	3300	74 J	330
Benzo[g.h.i]pervlene			1400 J	3300	62 J	330
Benzo[k]fluoranthene	· · · · · · · · · · · · · · · · · · ·		3700	3300	85 J	330
Chrysene			4400	3300	110 J	330
Dibenz[a,h]anthracene			850 J	3300	Not detected	330
Fluoranthene			5900	3300	190 J	330
Fluorene			510	3300	Not detected	330
Indeno[1,2,3-cd]pyrene			16000 J	3300	57 J	330
Nanhthalene			Not detected	3300	Not detected	330
Phenanthrene			3500	3300	100 J	330
Pyrene			5400	3300	200 J	330
PCB	SW846-3550B/8082	mø/Kø				
PCB 1016	<u>B // 0 / 0 2220 D/ 0002</u>		Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1254			0.11	0.02	Not detected	0.02
PCB Total			0.11	0.02	Not detected	0.02
Motals Target Analyte List(TAL)	SW846-6010	mo/ko				
Aluminum	5000000	1116/16	8310	1.00	12600	1.00
Antimony			17.9	1.00	22.3	1.00
Arsenic			9.32	1.00	3.37	1.00
Barium			367	1.00	552	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			4 94	0.500	3.15	0.500
Calcium			17400	2.00	5690	2.00
Chromium			154	0.500	209	0.500
Cobalt			341	1.00	1090	1.00
Copper			1540	1.00	2100	1.00
Iron			53600	1.00	70400	1.00
Lead		· · · · · · · · · · · · · · · · · · ·	1210	1.00	872	1.00
Magnesium			8350	2.00	6170	2.00
Manganese	-+	<u> </u>	366	1.00	510	1.00
Nichel			114	1.00	46 1	1.00
Potessium			1500	3.00	1970	3 00
<u> </u>			Not detected	1.00	Not detected	1 00
Scientum			Not detected	1.00	Not detected	1.00
		+	10500	5.00	15600	5.00
The Wine		+	Not detected	1.00	Not detected	1.00
I nallium Vonadium	· · · · · · · · · · · · · · · · · · ·	+	12 7	2.00	<u>42.8</u>	2.00
		+	7620	2.00	10600	2.00
	CILIOAC 7471	malleC	1.04	2.00	0.22	0.10
Mercury	SW840-/4/1	I mg/ko	1.04	1_0.10	0.33	1 0.10



Client Sample ID			SB-23A		SB-23B	
York Sample ID			04020284-05		04020284-06	
Matrix	······		SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4.4'-DDD			Not detected	10	Not detected	10
4 4'-DDE			Not detected	10	Not detected	10
4.4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Hentachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxanhene		1	Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	υσ/Κσ				
1 1 1 2-Tetrachloroethane	5.1.010 0200	<u>0</u>	Not detected	5.0	Not detected	5.0
1 1 1-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1 2 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1 1 2-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1 1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1 2 3-Trichlorobenzene		· ·	Not detected	5.0	Not detected	5.0
1.2.3-Trichloropropane			Not detected	5.0	Not detected	5.0
1 2 3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1 2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1.2-Dibromoethane			Not detected	5.0	Not detected	5.0
1 2-Dichlorobenzene		1	Not detected	5.0	Not detected	5.0
1.2-Dichloroethane			Not detected	5.0	Not detected	5.0
1.2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2-Dichloropropane			Not detected	5.0	Not detected	5.0
1 3 5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.3-Dichloropropane			Not detected	5.0	Not detected	5.0
1 4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane		-	Not detected	5.0	Not detected	5.0
2.2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene		-	Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane		1	Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0

Client Sample ID			SB-23A		SB-23B	
York Sample ID			04020284-05		04020284-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride	·		Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis 1.3 Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomothana			Not detected	5.0	Not detected	5.0
Diofonomentane			Not detected	5.0	Not detected	5.0
Ethulhangana			Not detected	5.0	Not detected	5.0
Etnylöenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			39 B	5.0	23 B	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			Not detected	1700	Not detected	3300
Acenaphthylene			Not detected	1700	1200 J	3300
Anthracene			940 J	1700	540 J	3300
Benzo[a]anthracene			3000	1700	1500 J	3300
Benzo[a]pyrene			2400	1700	5300	3300
Benzo[b]fluoranthene			3000	1700	6300	3300
Benzo[g,h,i]perylene			580 J	1700	2700 J	3300
Benzo[k]fluoranthene			3100	1700	7000	3300
Chrysene			3100	1700	1900 J	3300
Dibenz[a,h]anthracene			Not detected	1700	820 J	3300
Fluoranthene			5100	1700	2800 J	3300
Fluorene			Not detected	1700	Not detected	3300
Indeno[1,2,3-cd]pvrene			540 J	1700	3200 J	3300
Naphthalene		·····	Not detected	1700	Not detected	3300
Phenanthrene		<u> </u>	3700	1700	1500 J	3300
Pyrene	····-		4700	1700	2400 I	3300
PCR	SW846-3550B/8082	mø/K o				
PCB 1016	511010 55500/0002	- <u></u>	Not detected	0.20	Not detected	0.02
PCR 1221			Not detected	0.20	Not detected	0.02
DCD 1221	······		Not detected	0.20	Not detected	0.02
1 CD 1232	L	1		0.20	1 not activited	1 0.02

Client Sample ID			SB-23A		SB-23B	
York Sample ID			04020284-05		04020284-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1242			Not detected	0.20	Not detected	0.02
PCB 1248			Not detected	0.20	Not detected	0.02
PCB 1254			1.03	0.20	Not detected	0.02
PCB 1260			1.76	0.20	Not detected	0.02
PCB, Total			2.79	0.20	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			8000	1.00	22800	1.00
Antimony			15.4	1.00	26.0	1.00
Arsenic			13.5	1.00	1.79	1.00
Barium			230	1.00	689	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			9.14	0.500	10.0	0.500
Calcium			8750	2.00	12700	2.00
Chromium			51.3	0.500	452	0.500
Cobalt			49.7	1.00	1370	1.00
Copper			1260	1.00	4040	1.00
Iron			26200	1.00	111000	1.00
Lead			608	1.00	2030	1.00
Magnesium			2690	2.00	9900	2.00
Manganese			234	1.00	859	1.00
Nickel			42.2	1.00	33.5	1.00
Potassium			1060	3.00	3470	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			2820	5.00	30000	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			32.1	2.00	88.6	2.00
Zinc			2350	2.00	15200	2.00
Mercury	SW846-7471	mg/kG	2.92	0.10	2.11	0.10

Client Sample ID			SB-24A		SB-24B	
York Sample ID			04020284-07		04020284-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10



Client Sample ID			SB-24A		SB-24B	
York Sample ID			04020284-07		04020284-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene	·····		Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1.1.1.2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1.1.1-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1 2 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1 1 2-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethane			Not detected	5.0	Not detected	5.0
1.1-Dichloroethylene	· · ·		Not detected	5.0	Not detected	5.0
1 1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1.2.3 Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropage			Not detected	5.0	Not detected	5.0
1,2,5-Themotopropane			Not detected	5.0	Not detected	5.0
1,2,3-TrinhenryDenzene			Not detected	5.0	Not detected	5.0
1,2,4-Themethylkengene			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chioropropane		<del>.</del>	Not detected	5.0	Not detected	5.0
1,2-Dibromoetnane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (1otal)			Not detected	5.0	31(CIS-)	5.0
1,2-Dichloropropane	····· ·	_	Not detected	5.0	Not detected	5.0
1,3,5-1 rimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene	· - · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1,3-Dichloropropane	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene		_	Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene	-		Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform		_	Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			17 B	5.0	92 B	5.0
Client Sample ID			SB-24A		SB-24B	
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York Sample ID			04020284-07		04020284-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
n- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-leopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			11	5.0	73	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans 1.3 Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	56	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vigul chloride			Not detected	5.0	Not detected	5.0
Palamalaan Anomatia Hudroa (PN)	SW846 8270	ng/kG	Trot detected	5.0		
Polynuclear Aromatic Hydroc.(BN)	5 W 040-0270	ug/KO	Not detected	3300	420 I	1700
Acenaphthene			Not detected	3300	Not detected	1700
Acenaphinyiene			Not detected	2200	650 I	1700
Anthracene			1200 I	3300	1500 I	1700
Benzolajanthracene			1300 J	2200	1300 J	1700
Benzo[a]pyrene			8/0J	2200	1200 J	1700
Benzo[b]fluoranthene			2000 J	3300	1000 J	1700
Benzo[g,h,i]perylene	· · · · ·	-:	INOT detected	3300	1200 J	1700
Benzo[k]fluoranthene			1800 J	2200	1200 J	1700
Chrysene			1800 J	3300	1500 J	1700
Dibenz[a,h]anthracene			Not detected	2200	2400	1700
Fluoranthene		· · · ·		3300		1700
Fluorene			Not detected	3300	460 J	1700
Indeno[1,2,3-cd]pyrene			Not detected	3300	340 J	1700
Naphthalene			Not detected	3300	420 J	1700
Phenanthrene			1500 J	3300	2900	1700
Pyrene			1600 J	3300	2200	1700
РСВ	SW846-3550B/8082	mg/K.g				0.02
PCB 1016			Not detected	0.20	Not detected	0.02
PCB 1221			Not detected	0.20	Not detected	0.02
PCB 1232			Not detected	0.20	Not detected	0.02
PCB 1242			Not detected	0.20	Not detected	0.02
PCB 1248			Not detected	0.20	Not detected	0.02
PCB 1254			0.76	0.20	Not detected	0.02
PCB 1260			0.33	0.20	Not detected	0.02
PCB, Total			1.09	0.20	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			8520	1.00	6450	1.00
Antimony			33.8	1.00	24.9	1.00
Arsenic			15.2	1.00	13.9	1.00
Barium			454	1.00	247	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			19.8	0.500	1.83	0.500
Calcium			6850	2.00	29800	2.00
Chromium			353	0.500	44.7	0.500
Cobalt			322	1.00	51.0	1.00



Client Sample ID			SB-24A		SB-24B	
York Sample ID			04020284-07		04020284-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Copper			1720	1.00	583	1.00
Iron			56400	1.00	41500	1.00
Lead			2270	1.00	633	1.00
Magnesium			4040	2.00	3030	2.00
Manganese			295	1.00	417	1.00
Nickel			123	1.00	31.6	1.00
Potassium			1350	3.00	1020	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			2.18	1.00	Not detected	1.00
Sodium			11100	5.00	3640	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			54.7	2.00	22.1	2.00
Zinc			8300	2.00	2900	2.00
Mercury	SW846-7471	mg/kG	0.31	0.10	0.42	0.10

Client Sample ID			SB-25A		SB-25B	
York Sample ID			04020284-09		04020284-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			553	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0



Client Sample ID			SB-25A		SB-25B	
York Sample ID	•·		04020284-09		04020284-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1.2.3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1 2 4-Trichlorohenzene			Not detected	5.0	Not detected	5.0
1 2 4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1 2-Dibromo-3-chloropropane		·	Not detected	5.0	Not detected	5.0
1.2-Dibromoethane			Not detected	5.0	Not detected	5.0
1.2-Dichlorobenzene		-	Not detected	5.0	Not detected	5.0
1.2-Dichloroethane	·····		Not detected	5.0	Not detected	5.0
1.2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2-Dichloropropage			Not detected	5.0	Not detected	5.0
1 3 5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.3-Dichloropropage			Not detected	5.0	Not detected	5.0
1.4 Dichlorobenzene			Not detected	5.0	Not detected	5.0
1 Chlorobevane	· · · · · ·		Not detected	5.0	Not detected	5.0
2 2 Dichloropropage	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
2,2-Dichloropropane	<u> </u>		Not detected	5.0	Not detected	5.0
4 Chlorotoluene			Not detected	5.0	Not detected	5.0
Ponzono			Not detected	5.0	Not detected	5.0
Dramahangana			Not detected	5.0	Not detected	5.0
Dromochloromethene			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Dramoform			Not detected	5.0	Not detected	5.0
Dramamathana			Not detected	5.0	Not detected	5.0
Garban tatrachlanida			Not detected	5.0	Not detected	5.0
Carbon tetrachionde			Not detected	5.0	Not detected	5.0
Chlorosthere			Not detected	5.0	Not detected	5.0
Chloroforma			Not detected	5.0	Not detected	5.0
Chloromothana			Not detected	5.0	Not detected	5.0
cito 1.2 Dichleronronylano			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dioromometnane			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
Ethylbenzene	· · · · · · · · · · · · · · · · · · ·		JO Not detected	5.0	Not detected	5.0
Hexachiorobutadiene			Not detected	5.0	Not detected	5.0
Nethelene ehleride			150 D	5.0	170 P	5.0
Nethylene chloride			IJU D	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
0-Xylene			120	5.0	Not detected	5.0
p- & m-Xylenes			210	5.0	Not detected	5.0
p-Isopropyitoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			INOT detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Ietrachloroethylene			Not detected	5.0	Not detected	5.0
loluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0

Client Sample ID		-	SB-25A		SB-25B	
York Sample ID			04020284-09		04020284-10	
Matrix	·		SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			Not detected	330	6300	3300
Acenaphthylene			Not detected	330	800 J	3300
Anthracene	· · · · · · · · · · · · · · · · · · ·		Not detected	330	13000	3300
Benzo[a]anthracene			90 J	330	24000	3300
Benzo[a]pyrene			86 J	330	16000	3300
Benzo[b]fluoranthene			86 J	330	17000	3300
Benzolghilpervlene			Not detected	330	3100 J	3300
Benzo[k]fluoranthene			81 J	330	18000	3300
Chrysene			97 I	330	22000	3300
Dibenzfa.hlanthracene	· · · · · · · · · · · · · · · · · · ·		Not detected	330	1600 I	3300
Fluoranthene			140 I	330	35000	3300
Fluorene			Not detected	330	7900	3300
Indeno[1 2 3-cd]pyrene			Not detected	330	3500	3300
Nanhthalene			Not detected	330	1800 I	3300
Phenanthrene			95.1	330	36000	3300
Pyrene			170 I	330	32000	3300
PCB	SW846-3550B/8082	mg/Kg	1703		52000	5,500
PCB 1016	511040-55500/0002	ing/ing	Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232		····	Not detected	0.02	Not detected	0.02
PCP 1242			Not detected	0.02	Not detected	0.02
PCB 1254		<u> </u>	Not detected	0.02	Not detected	0.02
PCP 1254		÷	Not detected	0.02	Not detected	0.02
PCR Total			Not detected	0.02	Not detected	0.02
Motele Terret Analyte List(TAL)	SW846 6010		Not detected	0.02		0.02
Aluminum	5 11 640-0010	mg/kg	7500	1.00	7850	1.00
Antimony			7390	1.00	7850	1.00
Arcenio		+		1.00	6.52	1.00
Parium			2.75	1.00	225	1.00
Darullium			32.7	1.00	223	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calaium			1770	2.00	42200	2.00
Chromium			0.01	2.00	42300	2.00
Cabalt			0.01	1.00	102	1.00
Coon			3.39	1.00	103	1.00
			18.9	1.00	(7(0)	1.00
Iron			8240	1.00	1200	1.00
Lead			24.5	1.00	1200	1.00
Magnesium		ļ	1040	2.00	201	2.00
Ivianganese		<u> </u>	105	1.00	281	1.00
			0.24	1.00	40.0	1.00
Fotassium			300 Net deterte 1	3.00	1000	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver		<u> </u>	Not detected	1.00	INOT detected	1.00
The allies		+	292	5.00	11300 National 1	3.00
I nallium		+	Not detected	1.00	Not detected	1.00
			17.3	2.00	28.0	2.00
	011046 2421		92.9	2.00	/840	2.00
Mercury	SW846-/4/1	mg/kG	Not detected	J 0.10	0.13	0.10



Client Sample ID			SB-26A		SB-26B	
York Sample ID			04020284-11		04020284-12	
Matrix	····· ··· ···		SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg	~			
4.4'-DDD			Not detected	10	Not detected	10
4.4'-DDE			Not detected	10	Not detected	10
4.4'-DDT			Not detected	10	Not detected	10
Aldrin	······································		Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC	·····		Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I		<u> </u>	Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde		<u> </u>	Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Hentachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxanhene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	11σ/Κσ				
1 1 1 2-Tetrachloroethane	011010 0200	46/115	Not detected	5.0	Not detected	5.0
1.1.1.Trichloroethane		· · · · · · · · · · · · · · · · · · ·	Not detected	5.0	Not detected	5.0
1 1 2 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1 1 2-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethylene		†	Not detected	5.0	Not detected	5.0
1 1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1 2 3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1 2 3-Trichloropropage			Not detected	5.0	Not detected	5.0
1 2 3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1 2 4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1 2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1.2-Dibromoethane			Not detected	5.0	Not detected	5.0
1 2-Dichlorobenzene		-	Not detected	5.0	Not detected	5.0
1.2-Dichloroethane		-	Not detected	5.0	Not detected	5.0
1.2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2-Dichloropropage			Not detected	5.0	Not detected	5.0
1 3 5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.3-Dichloropropage		+	Not detected	5.0	Not detected	5.0
1.4-Dichlorobenzene		+	Not detected	5.0	Not detected	5.0
1-Chlorohevane		+	Not detected	5.0	Not detected	5.0
2 2-Dichloropropage		+	Not detected	5.0	Not detected	5.0
2.2-Diemoropiopane			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene		+	Not detected	5.0	Not detected	5.0
Bromochloromethane		+	Not detected	5.0	Not detected	5.0



York Sample ID     0402028-11     0402028-12       Matrix     SOIL     SOIL     SOIL       Parameter     Method     Units     Results     MDL     Results     MDL       Bronnofichiloromethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Carbon tetrachloride     Not detected     5.0     Not detected     5.0       Chlorobenzene     Not detected     5.0     Not detected     5.0       Chlorobenzene     Not detected     5.0     Not detected     5.0       Chlorobenzene     Not detected     5.0     Not detected     5.0       Othoromethane     Not detected     5.0     Not detected     5.0       Dibromomethane     Not detected     5.0     Not detected     5.0       Hexaklorobuntaniene	Client Sample ID			SB-26A		SB-26B	
Matrix     SOIL     SOIL     SOIL     Parameter       Parameter     Method     Units     Results     MDL     Results     MDL       Bromolichloromthane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Bromolorm     Not detected     5.0     Not detected     5.0     Not detected     5.0       Chlorochtane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Chlorochtane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Chloromethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Dibloromochloromethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Dibloromochloromethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Methylenchoride     46B     5.0     Not detected     5.0     Not detected     5.0       Not detected     5.0     Not detected <th>Vork Sample ID</th> <th></th> <th></th> <th>04020284-11</th> <th></th> <th>04020284-12</th> <th></th>	Vork Sample ID			04020284-11		04020284-12	
Parameter     Method     Units     Results     MDL     Results     MDL       Bromodicilionomethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Bromomethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Carbon tetrachloride     Not detected     5.0     Not detected     5.0       Chlorobernzene     Not detected     5.0     Not detected     5.0       Chlorobernzene     Not detected     5.0     Not detected     5.0       Chlorobernzene     Not detected     5.0     Not detected     5.0       Dibromomethane     Not detected     5.0     Not detected     5.0       Not detected     5.0	Matrix			SOIL		SOIL	
Bronodichlorsmethane     Drive     Own     Not detected     5.0     Not detected     5.0       Bromoferm     Not detected     5.0     Not detected     5.0     Not detected     5.0       Carbon tetrachloride     Not detected     5.0     Not detected     5.0     Not detected     5.0       Chlorobenzene     Not detected     5.0     Not detected     5.0     Not detected     5.0       Chlorobenzene     Not detected     5.0     Not detected     5.0     Not detected     5.0       Chloromethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Dibromonethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Dibromonethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Dibromonethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       Dibromonethane     Not detected     5.0     Not detected     5.0     Not detected     5.0 <tr< th=""><th>Parameter</th><th>Method</th><th>Units</th><th>Results</th><th>MDL</th><th>Results</th><th>MDL</th></tr<>	Parameter	Method	Units	Results	MDL	Results	MDL
Bromoform     Net detected     5.0     Not detected     5.0       Bromoform     Not detected     5.0     Not detected     5.0       Carbon tetrachloride     Not detected     5.0     Not detected     5.0       Chloroberzene     Not detected     5.0     Not detected     5.0       Chloroberzene     Not detected     5.0     Not detected     5.0       Chloroberzene     Not detected     5.0     Not detected     5.0       Chloromethane     Not detected     5.0     Not detected     5.0       Dibromochhoromethane     Not detected     5.0     Not detected     5.0       Dibromochhoromethane     Not detected     5.0     Not detected     5.0       Dibromochhoromethane     Not detected     5.0     Not detected     5.0       Biogropythemzene     Not detected     5.0     Not detected     5.0       Hexablorobutatiene     Not detected     5.0     Not detected     5.0       n-Propythemzene     Not detected     5.0     Not detected     5.0       n-Propythemzene </td <td>Bromodichloromethane</td> <td></td> <td>0 1110</td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	Bromodichloromethane		0 1110	Not detected	5.0	Not detected	5.0
Bromomathane     Not detected     5.0     Not detected     5.0       Carbon tetrachloride     Not detected     5.0     Not detected     5.0       Chlorobenzene     Not detected     5.0     Not detected     5.0       Dibromochlorobentane     Not detected     5.0     Not detected     5.0       Dibromochlorobentane     Not detected     5.0     Not detected     5.0       Dibromochlorobentane     Not detected     5.0     Not detected     5.0       Hexablorobutatiene     Not detected     5.0     Not detected     5.0       Hexablorobutatiene     Not detected     5.0     Not detected     5.0       Methylene thloride     46 B     5.0     Not detected     5.0       n-Bropylbenzene     Not detected     5.0     Not detected     5.0       n-Pylenzene	Bromoform			Not detected	5.0	Not detected	5.0
Chron tetrachloride     Not detected     5.0     Not detected     5.0       Chlorobenzene     Not detected     5.0     Not detected     5.0       Chlorobtame     Not detected     5.0     Not detected     5.0       Chlorobtame     Not detected     5.0     Not detected     5.0       Chlorobtame     Not detected     5.0     Not detected     5.0       Dibromochlaromethane     Not detected     5.0     Not detected     5.0       Hexablorobutaliene     Not detected     5.0     Not detected     5.0       Maphrialene     Not detected     5.0     Not detected     5.0       n-Burylbenzene     Not detected     5.0     Not detected     5.0       n-Aytene     Not detected     5.0     Not detected     5.0       p-&m-Xylenes	Bromomethane	······		Not detected	5.0	Not detected	5.0
Caldon observe     Not detected     S.0.     Not detected     S.0.       Chlorobrane     Not detected     S.0.     Not detected     S.0.     Not detected     S.0.       Chlorobrane     Not detected     S.0.     Not detected     S.0.     Not detected     S.0.       Chlorobrane     Not detected     S.0.     Not detected     S.0.     Not detected     S.0.       Dibhoronchlorobrethane     Not detected     S.0.     Not detected     S.0.     Not detected     S.0.       Dibhoronchlorobrutatiene     Not detected     S.0.     Not detected     S.0.     Not detected     S.0.       Hexachorobrutatiene     Not detected     S.0.     Not detected     S.0.     Not detected     S.0.       Maphtalene     Not detected     S.0.     Not detected     S.0.     Not detected     S.0.       Not detected     S.0.     Not detected     S.0.     Not detected     S.0.       Not detected     S.0.     Not detected     S.0.     Not detected     S.0.       Not detected     S.0.     Not det	Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorotethane     Not detected     S.0     Not detected     S.0       Chloroform     Not detected     S.0     Not detected     S.0       Chloroform     Not detected     S.0     Not detected     S.0       Chloroomethane     Not detected     S.0     Not detected     S.0       Dibromomethane     Not detected     S.0     Not detected     S.0       Dibromomethane     Not detected     S.0     Not detected     S.0       Dibromomethane     Not detected     S.0     Not detected     S.0       Isoproylbenzene     Not detected     S.0     Not detected     S.0       Isoproylbenzene     Not detected     S.0     Not detected     S.0       Naphthalene     Not detected     S.0     Not detected     S.0       n-Broylbenzene     Not detected     S.0     Not detected     S.0       n-Proylbenzene     Not detected     S.0     Not detected     S.0       p-Isoproylbourene     Not detected     S.0     Not detected     S.0       Styrene     Not detected <td>Chlorobenzene</td> <td>·····</td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	Chlorobenzene	·····		Not detected	5.0	Not detected	5.0
Chioroform   Not detected   5.0   Not detected   5.0     Chioromethane   Not detected   5.0   Not detected   5.0     Dibromochloromethane   Not detected   5.0   Not detected   5.0     Dibromomethane   Not detected   5.0   Not detected   5.0     Dibromomethane   Not detected   5.0   Not detected   5.0     Hexablorobutadiene   Not detected   5.0   Not detected   5.0     Hexablorobutadiene   Not detected   5.0   Not detected   5.0     Hexablorobutadiene   Not detected   5.0   Not detected   5.0     Methylene chloride   46 B   5.0   Not detected   5.0     Not detected   5.0   Not detected   5.0   Not detected   5.0     Not detected   5.0   Not detected   5.0   Not detected   5.0     Paltylenezne   Not detected   5.0   Not detected   5.0     Not detected   5.0   Not detected   5.0   Not detected   5.0     Paltylenezne   Not detected   5.0   Not detected	Chloroethane			Not detected	5.0	Not detected	5.0
Chloromethane     Not deceted     5.0     Not detected     5.0       cis-1_3-Dichloropropylene     Not detected     5.0     Not detected     5.0       Dibromonchloromethane     Not detected     5.0     Not detected     5.0       Dibromonchloromethane     Not detected     5.0     Not detected     5.0       Dibromonethane     Not detected     5.0     Not detected     5.0       Dibromonethane     Not detected     5.0     Not detected     5.0       Hexachlorobutadiene     Not detected     5.0     Not detected     5.0       Methylene chloride     46 B     5.0     Not detected     5.0       Not detected     5.0     Not detected     5.0     Not detected     5.0       n-Brytylbenzene     Not detected     5.0     Not detected     5.0     Not detected     5.0       o-x-Nytene     Not detected     5.0     Not detected     5.0     Not detected     5.0       p-4 m-Xytenes     Not detected     5.0     Not detected     5.0     Not detected     5.0	Chloroform			Not detected	5.0	Not detected	5.0
Cist J. Johloropsyleme     Not detected     5.0     Not detected     5.0       Dibromochloromethane     Not detected     5.0     Not detected     5.0       Dibromochloromethane     Not detected     5.0     Not detected     5.0       Dibromomethane     Not detected     5.0     Not detected     5.0       Bitylbenzene     Not detected     5.0     Not detected     5.0       Methylbenzene     Not detected     5.0     Not detected     5.0       Methylbenzene     Not detected     5.0     Not detected     5.0       Methylbenzene     Not detected     5.0     Not detected     5.0       n-Propylbenzene     Not detected     5.0     Not detected     5.0       n-Prylbenzene     Not detected     5.0     Not detected     5.0       n-Sylenes     Not detected     5.0     Not detected     5.0       see-Batylbenzene     Not detected     5.0     Not detected     5.0       see-Batylbenzene     Not detected     5.0     Not detected     5.0       see-Batylbenzene <td>Chloromethane</td> <td></td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	Chloromethane			Not detected	5.0	Not detected	5.0
Dibromelhorophyrinic     Not detected     5.0     Not detected     5.0       Dibromonthane     Not detected     5.0     Not detected     5.0       Dichloromethane     Not detected     5.0     Not detected     5.0       Dichloroffluoromethane     Not detected     5.0     Not detected     5.0       Hexachlorobutatione     Not detected     5.0     Not detected     5.0       Hexachlorobutatione     Not detected     5.0     Not detected     5.0       Methylene chloride     46 B     5.0     Not detected     5.0       n-Butylbenzene     Not detected     5.0     Not detected     5.0       o-Xylene     Not detected     5.0     Not detected     5.0       p-Isopropylouzene     Not detected     5.0     Not detected     5.0       p-Isopropylouzene     Not detected     5.0     Not detected     5.0       p-Isopropylouzene     Not detected     5.0     Not detected     5.0       sez-Butylbenzene     Not detected     5.0     Not detected     5.0       Tetrachlo	cis 1 3 Dichloropropylene			Not detected	5.0	Not detected	5.0
Differentiation     Initiation       Differentiation     Not detected     5.0     Not detected     5.0       Dishlorodiffuoromethane     Not detected     5.0     Not detected     5.0       Bitylbenzene     Not detected     5.0     Not detected     5.0       Hexachlorobutadiene     Not detected     5.0     Not detected     5.0       Methylene chloride     46 B     5.0     Not detected     5.0       Naphthalene     Not detected     5.0     Not detected     5.0       n-Batylbenzene     Not detected     5.0     Not detected     5.0       n-Batylbenzene     Not detected     5.0     Not detected     5.0       n-Stylene     Not detected     5.0     Not detected     5.0       p-sepropylloutene     Not detected     5.0     Not detected     5.0       see-Butylbenzene     Not detected     5.0     Not detected     5.0       Tetrachloroethylene     Not detected     5.0     Not detected     5.0       Tetrachloroethylene     Not detected     5.0     Not dete	Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dickhönethate     Not detected     5.0     Not detected     5.0       Bichkönderdation     Not detected     5.0     Not detected     5.0       Hexachorobutadiene     Not detected     5.0     Not detected     5.0       Hexachorobutadiene     Not detected     5.0     Not detected     5.0       Methylene chloride     46 B     5.0     92 B     5.0       Nathilaene     Not detected     5.0     Not detected     5.0       n-Butylbenzene     Not detected     5.0     Not detected     5.0       n-Patylbenzene     Not detected     5.0     Not detected     5.0       o-Xylene     Not detected     5.0     Not detected     5.0       p-sopropyloluene     Not detected     5.0     Not detected     5.0       sec-Butylbenzene     Not detected     5.0     Not detected     5.0       Styrene     Not detected     5.0     Not detected     5.0       Tetrachoroethylene     Not detected     5.0     Not detected     5.0       Trichoroethylene     Not detected	Dibromomothana			Not detected	5.0	Not detected	5.0
Dictionalization of the second structure   Not detected   5.0   Not detected   5.0     Hexachlorobutadiene   Not detected   5.0   Not detected   5.0     Isopropylbenzene   Not detected   5.0   Not detected   5.0     Methylene chloride   46 B   5.0   Not detected   5.0     Naphthalene   Not detected   5.0   Not detected   5.0     n-Butylbenzene   Not detected   5.0   Not detected   5.0     o-Xylene   Not detected   5.0   Not detected   5.0     o-Xylene   Not detected   5.0   Not detected   5.0     p-& m-Xylenes   Not detected   5.0   Not detected   5.0     sec-Butylbenzene   Not detected   5.0   Not detected   5.0     sec-Butylbenzene   Not detected   5.0   Not detected   5.0     Tetrachloroethylene   Not detected   5.0   Not detected   5.0     Toluene   Not detected   5.0   Not detected   5.0     Trichloroethylene   Not detected   5.0   Not detected   5.0	Dioblorodifluoromothene			Not detected	5.0	Not detected	5.0
Eurybenzete   Not detected   5.0   Not detected   5.0     Hexachlorobutadiene   Not detected   5.0   Not detected   5.0     Methylene chloride   46 B   5.0   92 B   5.0     Naphthalene   Not detected   5.0   Not detected   5.0     n-Burybenzene   Not detected   5.0   Not detected   5.0     n-Propylbenzene   Not detected   5.0   Not detected   5.0     o-Xylene   Not detected   5.0   Not detected   5.0     p-kom Xylenes   Not detected   5.0   Not detected   5.0     ge-Suppopyloluene   Not detected   5.0   Not detected   5.0     sec-Butybenzene   Not detected   5.0   Not detected   5.0     sec-Butybenzene   Not detected   5.0   Not detected   5.0     Tetrachloroethylene   Not detected   5.0   Not detected   5.0     Trichlorofthylene   Not detected   5.0   Not detected   5.0     Trichlorofthylene   Not detected   5.0   Not detected   5.0     Trichlorofthylene	Ethalbargara			Not detected	5.0	Not detected	5.0
Hexachiorobitation     Not detected     5.0     Not detected     5.0       Isopropylbenzene     Not detected     5.0     Not detected     5.0       Naphthalene     Not detected     5.0     Not detected     5.0       n-Butylbenzene     Not detected     5.0     Not detected     5.0       n-Propylbenzene     Not detected     5.0     Not detected     5.0       o-Xylene     Not detected     5.0     Not detected     5.0       p-& m-Xylenes     Not detected     5.0     Not detected     5.0       p-sopropyloluene     Not detected     5.0     Not detected     5.0       sec-Butylbenzene     Not detected     5.0     Not detected     5.0       Tetrachloroethylene     Not detected     5.0     Not detected     5.0       Trais-1,3-Dichlorophylene     Not detected     5.0     Not detected     5.0       Trichloroethylene     Not detected     5.0     Not detected     5.0       Trichlorophylene     Not detected     5.0     Not detected     5.0       Trichlorophy	Einyidenzene			Not detected	5.0	Not detected	5.0
Isopropriorization     Not detected     3.0     92 B     5.0       Maphthalene     Not detected     5.0     Not detected     5.0       n-Burylbenzene     Not detected     5.0     Not detected     5.0       n-Purylbenzene     Not detected     5.0     Not detected     5.0       o-Xylene     Not detected     5.0     Not detected     5.0       p-Sum Xylenes     Not detected     5.0     Not detected     5.0       p-Sum Xylenes     Not detected     5.0     Not detected     5.0       styrene     Not detected     5.0     Not detected     5.0       Styrene     Not detected     5.0     Not detected     5.0       Toluene     Not detected     5.0     Not detected     5.0       Trichlorophylene     Not detected     5.0     Not detected     5.0       Trichlorophylene     Not detected     5.0     Not detected     5.0       Trichlorophylene     Not detected     5.0     Not detected     5.0       Trichlorofluoromethane     Not detected	Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Methylene chloride     40 B     3.0     92 B     3.0       Naphthalene     Not detected     5.0     Not detected     5.0       n-Butylbenzene     Not detected     5.0     Not detected     5.0       n-Propylbenzene     Not detected     5.0     Not detected     5.0       o-Xylene     Not detected     5.0     Not detected     5.0       p-&m-Xylenes     Not detected     5.0     Not detected     5.0       p-semyltoluene     Not detected     5.0     Not detected     5.0       sec-Butylbenzene     Not detected     5.0     Not detected     5.0       Tetrachloroethylene     Not detected     5.0     Not detected     5.0       Toluene     Not detected     5.0     Not detected     5.0       Trichloroethylene     Not detected     5.0     Not detected     5.0       Trichloroethylene     Not detected     5.0     Not detected     5.0       Trichloroethylene     Not detected     5.0     Not detected     5.0       Trichlorofluoromethane     100 J </td <td>Isopropylbenzene</td> <td></td> <td></td> <td>Not detected</td> <td>5.0</td> <td></td> <td>5.0</td>	Isopropylbenzene			Not detected	5.0		5.0
Napinalene   Not detected   5.0   Not detected   5.0     n-Propylbenzene   Not detected   5.0   Not detected   5.0     o-Xylene   Not detected   5.0   Not detected   5.0     p-& m-Xylenes   Not detected   5.0   Not detected   5.0     p-sepropyltolene   Not detected   5.0   Not detected   5.0     sce-Butylbenzene   Not detected   5.0   Not detected   5.0     Styrene   Not detected   5.0   Not detected   5.0     Tetrachloroethylene   Not detected   5.0   Not detected   5.0     Trichloroptopylene   Not detected   5.0   Not detected   5.0     Vinyl chloride   Not detected   5.0   Not detected   5.0     A	Methylene chloride			40 B	5.0	92 B	5.0
n-Butylbenzene   Not detected   5.0   Not detected   5.0     n-Propylbenzene   Not detected   5.0   Not detected   5.0     p-&m-Xylene   Not detected   5.0   Not detected   5.0     p-&m-Xylenes   Not detected   5.0   Not detected   5.0     p-sopropyloluene   Not detected   5.0   Not detected   5.0     sec-Butylbenzene   Not detected   5.0   Not detected   5.0     tert-Butylbenzene   Not detected   5.0   Not detected   5.0     Tetrachloroethylene   Not detected   5.0   Not detected   5.0     Trichloropropylene   Not detected   5.0   Not detected   5.0     Trichlorofluoromethane   Not detected   5.0   Not detected   5.0     Vinyl charide   Wate   Wate   5.0   Not detected   5.0     Vinyl charide   Not detected   5.0   Not detected   5.0     Vinyl charide   Wate   Wate   5.0   Not detected   5.0     Polynuclear Aromatic Hybroc.(BN)   SW846-8270   ug/kG    <	Naphthalene			Not detected	5.0	Not detected	5.0
n-Propylenzene   Not detected   5.0   Not detected   5.0     o-Xylene   Not detected   5.0   Not detected   5.0     p-& m-Xylenes   Not detected   5.0   Not detected   5.0     sec-Butylbenzene   Not detected   5.0   Not detected   5.0     Styrene   Not detected   5.0   Not detected   5.0     Totuene   Not detected   5.0   Not detected   5.0     Totuene   Not detected   5.0   Not detected   5.0     Totuene   Not detected   5.0   Not detected   5.0     Trichloroptropylene   Not detected   5.0   Not detected   5.0     Trichlorothylene   Not detected   5.0   Not detected   5.0     Trichlorothylene   Not detected   5.0   Not detected   5.0     Vinyl chloride   Not detected   5.0   Not detected   5.0     Polynuclear Aromatic Hydroc.(BN)   SW846-8270   ug/kG	n-Butylbenzene			Not detected	5.0	Not detected	5.0
o-XyleneNot detected5.0Not detected5.0p-&m-XylenesNot detected5.0Not detected5.0p-lsopropyltolueneNot detected5.0Not detected5.0sec-ButylbenzeneNot detected5.0Not detected5.0StyreneNot detected5.0Not detected5.0TetrachloroethyleneNot detected5.0Not detected5.0TetrachloroethyleneNot detected5.0Not detected5.0TolueneNot detected5.0Not detected5.0TrichloroptyleneNot detected5.0Not detected5.0TrichlorofhuoromethaneNot detected5.0Not detected5.0Vinyl chlorideNot detected5.0Not detected5.0Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/kGAcenaphthylene100 J3300Not detected330Acenaphthylene500 J3300Not detected330Acenaphthylene6900 J3300Not detected330Benzo[a]anthracene6900 J3300170 J330Benzo[b]fluoranthene6200 J3300150 J330Benzo[b]fluoranthene6200 J3300170 J330Benzo[k]hluranthene1100 J3300330160 J330Benzo[k]hluranthene910 J3300Not detected330Benzo[k]hluranthene910 J3300160 J330	n-Propylbenzene			Not detected	5.0	Not detected	5.0
p-&m-XylenesNot detected5.0Not detected5.0p-lsopropyltolueneNot detected5.0Not detected5.0sec-ButylbenzeneNot detected5.0Not detected5.0tert-ButylbenzeneNot detected5.0Not detected5.0tert-ButylbenzeneNot detected5.0Not detected5.0TetrachloroethyleneNot detected5.0Not detected5.0TolueneNot detected5.0Not detected5.0TrichloroptopyleneNot detected5.0Not detected5.0TrichlorofluoromethaneNot detected5.0Not detected5.0Vinyl chlorideNot detected5.0Not detected5.0Vinyl chlorideNot detected5.0Not detected5.0Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/kGAcenaphthylene500 J3300Not detected330Acenaphthylene500 J3300Not detected330Benzo[a]anthracene1900 J3300Not detected330Benzo[b]fluoranthene58003300170 J330Benzo[b]fluoranthene62003300170 J330Benzo[b]fluoranthene62003300180 J330Benzo[b]fluoranthene62003300180 J330Benzo[b]fluoranthene910 J3300Not detected330Benzo[b]fluoranthene910 J3300Not detected330<	o-Xylene			Not detected	5.0	Not detected	5.0
p-IsopropyltolueneNot detected5.0Not detected5.0sec-ButylbenzeneNot detected5.0Not detected5.0StyreneNot detected5.0Not detected5.0tert-ButylbenzeneNot detected5.0Not detected5.0TolueneNot detected5.0Not detected5.0TolueneNot detected5.0Not detected5.0TrichloroethyleneNot detected5.0Not detected5.0TrichlorofluoromethaneNot detected5.0Not detected5.0Vinyl chlorideNot detected5.0Not detected5.0Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/kGAcenaphthene930 J3300Not detected330Acenaphthene1900 J3300Not detected330Benzo[a]nthracene69003300170 J330Benzo[a]ntpracene58003300180 J330Benzo[b]fluoranthene62003300180 J330Benzo[k]luoranthene62003300180 J330Dibenz[a,h]anthracene11000 J3300170 J330Benzo[k]hyrene2100 J3300160 J330Genzene910 J3300160 J330Benzo[k]huranthene910 J3300160 J330Benzo[k]huranthene910 J3300160 J330Fluoranthene910 J3300160 J330 </td <td>p- &amp; m-Xylenes</td> <td></td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	p- & m-Xylenes			Not detected	5.0	Not detected	5.0
sec-Butylbenzene     Not detected     5.0     Not detected     5.0       Styrene     Not detected     5.0     Not detected     5.0       Itert-Butylbenzene     Not detected     5.0     Not detected     5.0       Tetrachloroethylene     Not detected     5.0     Not detected     5.0       Toluene     Not detected     5.0     Not detected     5.0       Trichloroethylene     Not detected     5.0     Not detected     5.0       Trichloroethylene     Not detected     5.0     Not detected     5.0       Vinyl chloride     Not detected     5.0     Not detected     5.0       Vinyl chloride     Not detected     5.0     Not detected     5.0       Polynuclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG         Acenaphthene     930 J     3300     Not detected     330       Acenaphthylene     500 J     3300     Not detected     330       Benzo[a]pyrene     6900     3300     170 J     330       Benzo[bfluoranthene     6200	p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
StyreneNot detected5.0Not detected5.0tert-ButylbenzeneNot detected5.0Not detected5.0TolueneNot detected5.0Not detected5.0TolueneNot detected5.0Not detected5.0TrichloropropyleneNot detected5.0Not detected5.0TrichlorofuromethaneNot detected5.0Not detected5.0TrichlorofuromethaneNot detected5.0Not detected5.0Vinyl chlorideNot detected5.0Not detected5.0Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/kGAcenaphthene930 J3300Not detected330Acenaphthene500 J3300Not detected330Benzo[a]anthracene1900 J3300Not detected330Benzo[a]pyrene58003300170 J330Benzo[b]fluoranthene58003300180 J330Benzo[k]thuranthene62003300180 J330Chrysene76003300170 J330Fluorene1100 J330052 J330Fluorene910 J3300Not detected330Prene80003300160 J330Fluorene910 J3300160 J330Fluorene910 J3300160 J330Fluorene80003300150 J330Fluorene9700330016	sec-Butylbenzene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene     Not detected     5.0     Not detected     5.0       Tetrachloroethylene     Not detected     5.0     Not detected     5.0       Toluene     Not detected     5.0     Not detected     5.0       Trans-1,3-Dichloropropylene     Not detected     5.0     Not detected     5.0       Trichlorofluoromethane     Not detected     5.0     Not detected     5.0       Vinyl chloride     Not detected     5.0     Not detected     5.0       Polynuclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG          Acenaphthene     930 J     3300     Not detected     330     Not detected     330       Acenaphthylene     500 J     3300     Not detected     330     Not detected     330       Benzo[a]anthracene     6900 J     3300     Not detected     330     Ito J     330       Benzo[b]fluoranthene     5800     3300     170 J     330       Benzo[k]fluoranthene     6200     3300     170 J     330       Benzo[k]fluoranthene	Styrene			Not detected	5.0	Not detected	5.0
Tetrachoroethylene     Not detected     5.0     Not detected     5.0       Toluene     Not detected     5.0     Not detected     5.0       trans-1,3-Dichloropropylene     Not detected     5.0     Not detected     5.0       Trichloroethylene     Not detected     5.0     Not detected     5.0       Trichlorofluoromethane     Not detected     5.0     Not detected     5.0       Vinyl chloride     Not detected     5.0     Not detected     5.0       Polynuclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG         Acenaphthene     930 J     3300     Not detected     330       Acenaphthylene     500 J     3300     Not detected     330       Acenaphthylene     1900 J     3300     Not detected     330       Benzo[a]anthracene     6900     3300     170 J     330       Benzo[b]fluoranthene     5800     3300     180 J     330       Benzo[k]fluoranthene     6200     3300     170 J     330       Dibenz[a,h]anthracene     1100 J </td <td>tert-Butylbenzene</td> <td></td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Toluene     Not detected     5.0     Not detected     5.0       trans-1,3-Dichloropropylene     Not detected     5.0     Not detected     5.0       Trichloroftuoromethane     Not detected     5.0     Not detected     5.0       Vinyl chloride     Not detected     5.0     Not detected     5.0       Polynuclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG         Acenaphthene     930 J     3300     Not detected     330       Acenaphthene     500 J     3300     Not detected     330       Acenaphthene     500 J     3300     Not detected     330       Anthracene     1900 J     3300     Not detected     330       Benzo[a]anthracene     6900     3300     170 J     330       Benzo[a]hyrene     5800     3300     150 J     330       Benzo[g],h_i]perylene     1700 J     3300     170 J     330       Benzo[g],h_i]perylene     1700 J     3300     180 J     330       Benzo[g],h_i]perylene     1700 J     3300	Tetrachloroethylene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene     Not detected     5.0     Not detected     5.0       Trichloroethylene     Not detected     5.0     Not detected     5.0       Trichlorofluoromethane     Not detected     5.0     Not detected     5.0       Vinyl chloride     Not detected     5.0     Not detected     5.0       Polynuclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG          Acenaphthene     930 J     3300     Not detected     330       Acenaphthylene     500 J     3300     Not detected     330       Anthracene     1900 J     3300     Not detected     330       Benzo[a]anthracene     6900     3300     170 J     330       Benzo[a]nutracene     5800     3300     180 J     330       Benzo[a]huranthene     5800     3300     170 J     330       Benzo[k]fluoranthene     6200     3300     180 J     330       Dibenz[a,h]perylene     1100 J     3300     52 J     330       Fluoranthene     910 J     <	Toluene			Not detected	5.0	Not detected	5.0
Trichloroethylene     Not detected     5.0     Not detected     5.0       Trichlorofluoromethane     Not detected     5.0     Not detected     5.0       Vinyl chloride     Not detected     5.0     Not detected     5.0       Polynuclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG         Acenaphthene     930 J     3300     Not detected     330       Acenaphthylene     500 J     3300     Not detected     330       Acenaphthylene     500 J     3300     Not detected     330       Acenaphthylene     6900 3300     170 J     330       Benzo[a]anthracene     6900 3300     180 J     330       Benzo[a]pyrene     5800 3300     150 J     330       Benzo[k]fluoranthene     6200 3300     180 J     330       Benzo[k]fluoranthene     6200 3300     190 J     330       Chrysene     7600 3300     190 J     330       Fluorenthene     910 J     3300     160 J     330       Indeno[1,2,3-cd]pyrene     2100 J     3300 <td>trans-1,3-Dichloropropylene</td> <td></td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane     Not detected     5.0     Not detected     5.0       Vinyl chloride     Not detected     5.0     Not detected     5.0       Polynuclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG          Acenaphthene     930 J     3300     Not detected     330       Acenaphthylene     500 J     3300     Not detected     330       Active     1900 J     3300     Not detected     330       Benzo[a]anthracene     6900     3300     170 J     330       Benzo[a]pyrene     5800     3300     180 J     330       Benzo[g,h,i]perylene     1700 J     3300     170 J     330       Benzo[g,h,i]perylene     1700 J     3300     180 J     330       Benzo[g,h,i]perylene     1700 J     3300     180 J     330       Chrysene     7600     3300     180 J     330       Dibenz[a,h]anthracene     11000     3300     52 J     330       Fluorene     910 J     3300     Not detected	Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl chloride     Not detected     5.0     Not detected     5.0       Polynuclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG	Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG	Vinyl chloride			Not detected	5.0	Not detected	5.0
Acenaphthene     930 J     3300     Not detected     330       Acenaphthylene     500 J     3300     Not detected     330       Anthracene     1900 J     3300     Not detected     330       Benzo[a]anthracene     6900     3300     170 J     330       Benzo[a]pyrene     5800     3300     180 J     330       Benzo[b]fluoranthene     5800     3300     150 J     330       Benzo[k]fluoranthene     6200     3300     180 J     330       Benzo[k]fluoranthene     6200     3300     170 J     330       Benzo[k]fluoranthene     6200     3300     180 J     330       Chrysene     7600     3300     190 J     330       Dibenz[a,h]anthracene     1100 J     3300     52 J     330       Fluoranthene     910 J     3300     160 J     330       Indeno[1,2,3-cd]pyrene     2100 J     3300     160 J     330       Naphthalene     Not detected     330     330     330       Pyrene	Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthylene     500 J     3300     Not detected     330       Anthracene     1900 J     3300     Not detected     330       Benzo[a]anthracene     6900     3300     170 J     330       Benzo[a]pyrene     5800     3300     180 J     330       Benzo[b]fluoranthene     5800     3300     150 J     330       Benzo[g,h,i]perylene     1700 J     3300     170 J     330       Benzo[k]fluoranthene     6200     3300     180 J     330       Benzo[k]fluoranthene     6200     3300     180 J     330       Chrysene     7600     3300     190 J     330       Dibenz[a,h]anthracene     1100 J     3300     52 J     330       Fluoranthene     910 J     3300     300     330       Fluoranthene     910 J     3300     160 J     330       Indeno[1,2,3-cd]pyrene     2100 J     3300     Not detected     330       Not detected     3300     150 J     330     330       Phenanthrene	Acenaphthene			930 J	3300	Not detected	330
Anthracene     1900 J     3300     Not detected     330       Benzo[a]anthracene     6900     3300     170 J     330       Benzo[a]pyrene     5800     3300     180 J     330       Benzo[b]fluoranthene     5800     3300     150 J     330       Benzo[g,h,i]perylene     1700 J     3300     170 J     330       Benzo[k]fluoranthene     6200     3300     170 J     330       Chrysene     6200     3300     180 J     330       Chrysene     7600     3300     190 J     330       Dibenz[a,h]anthracene     1100 J     3300     52 J     330       Fluoranthene     910 J     3300     Not detected     330       Indeno[1,2,3-cd]pyrene     2100 J     3300     Not detected     330       Naphthalene     Not detected     3300     160 J     330       Phenanthrene     8000     3300     150 J     330       Pyrene     9700     3300     380     330       Pyrene     9700	Acenaphthylene			500 J	3300	Not detected	330
Benzo[a]anthracene     6900     3300     170 J     330       Benzo[a]pyrene     5800     3300     180 J     330       Benzo[b]fluoranthene     5800     3300     150 J     330       Benzo[g,h,i]perylene     1700 J     3300     170 J     330       Benzo[g,h,i]perylene     1700 J     3300     170 J     330       Benzo[k]fluoranthene     6200     3300     180 J     330       Chrysene     7600     3300     190 J     330       Dibenz[a,h]anthracene     1100 J     3300     52 J     330       Fluoranthene     11000     3300     370     330       Fluorene     910 J     3300     Not detected     330       Indeno[1,2,3-cd]pyrene     2100 J     3300     Not detected     330       Phenanthrene     8000     3300     150 J     330       Pyrene     9700     3300     380     330       Pyrene     9700     3300     380     330       PCB 1016     Not detected	Anthracene			1900 J	3300	Not detected	330
Benzo[a]pyrene     5800     3300     180 J     330       Benzo[b]fluoranthene     5800     3300     150 J     330       Benzo[g,h,i]perylene     1700 J     3300     170 J     330       Benzo[k]fluoranthene     6200     3300     180 J     330       Chrysene     7600     3300     180 J     330       Dibenz[a,h]anthracene     1100 J     3300     52 J     330       Fluoranthene     11000     3300     370     330       Fluorene     910 J     3300     160 J     330       Indeno[1,2,3-cd]pyrene     2100 J     3300     160 J     330       Naphthalene     8000     3300     150 J     330       Pyrene     9700     3300     150 J     330       PCB     SW846-3550B/8082     mg/Kg         PCB 1016     Not detected     0.02     Not detected     0.02	Benzo[a]anthracene			6900	3300	170 J	330
Benzo[b]fluoranthene     5800     3300     150 J     330       Benzo[g,h,i]perylene     1700 J     3300     170 J     330       Benzo[k]fluoranthene     6200     3300     180 J     330       Chrysene     7600     3300     190 J     330       Dibenz[a,h]anthracene     1100 J     3300     52 J     330       Fluoranthene     11000     3300     370     330       Fluorene     910 J     3300     160 J     330       Indeno[1,2,3-cd]pyrene     2100 J     3300     160 J     330       Naphthalene     Not detected     3300     150 J     330       Pyrene     9700     3300     150 J     330       PCB     SW846-3550B/8082     mg/Kg         PCB 1016     Not detected     0.02     Not detected     0.02	Benzo[a]pyrene			5800	3300	180 J	330
Benzo[g,h,i]perylene     1700 J     3300     170 J     330       Benzo[k]fluoranthene     6200     3300     180 J     330       Chrysene     7600     3300     190 J     330       Dibenz[a,h]anthracene     1100 J     3300     52 J     330       Fluoranthene     11000     3300     370     330       Fluorene     910 J     3300     Not detected     330       Indeno[1,2,3-cd]pyrene     2100 J     3300     160 J     330       Naphthalene     Not detected     330     330     330       Pyrene     9700     3300     150 J     330       PCB     SW846-3550B/8082     mg/Kg         PCB 1016     Not detected     0.02     Not detected     0.02	Benzo[b]fluoranthene			5800	3300	150 J	330
Benzo[k]fluoranthene     6200     3300     180 J     330       Chrysene     7600     3300     190 J     330       Dibenz[a,h]anthracene     1100 J     3300     52 J     330       Fluoranthene     11000     3300     370     330       Fluoranthene     910 J     3300     Not detected     330       Indeno[1,2,3-cd]pyrene     2100 J     3300     160 J     330       Naphthalene     Not detected     3300     150 J     330       Pyrene     9700     3300     150 J     330       PCB     SW846-3550B/8082     mg/Kg         PCB 1016     Not detected     0.02     Not detected     0.02	Benzo[g,h,i]perylene			1700 J	3300	170 J	330
Chrysene     7600     3300     190 J     330       Dibenz[a,h]anthracene     1100 J     3300     52 J     330       Fluoranthene     11000     3300     52 J     330       Fluoranthene     910 J     3300     Not detected     330       Indeno[1,2,3-cd]pyrene     2100 J     3300     160 J     330       Naphthalene     Not detected     3300     150 J     330       Pyrene     9700     3300     150 J     330       PCB     SW846-3550B/8082     mg/Kg         PCB 1016     Not detected     0.02     Not detected     0.02	Benzo[k]fluoranthene			6200	3300	180 J	330
Dibenz[a,h]anthracene     1100 J     3300     52 J     330       Fluoranthene     11000     3300     370     330       Fluoranthene     910 J     3300     Not detected     330       Indeno[1,2,3-cd]pyrene     2100 J     3300     160 J     330       Naphthalene     Not detected     3300     150 J     330       Phenanthrene     8000     3300     150 J     330       Pyrene     9700     3300     380     330       PCB     SW846-3550B/8082     mg/Kg         PCB 1016     Not detected     0.02     Not detected     0.02	Chrysene			7600	3300	190 J	330
Fluoranthene     11000     3300     370     330       Fluoranthene     910 J     3300     Not detected     330       Indeno[1,2,3-cd]pyrene     2100 J     3300     160 J     330       Naphthalene     Not detected     3300     160 J     330       Phenanthrene     8000     3300     150 J     330       Pyrene     9700     3300     380     330       PCB     SW846-3550B/8082     mg/Kg         PCB 1016     Not detected     0.02     Not detected     0.02	Dibenz[a,h]anthracene			1100 J	3300	52 J	330
Fluorene     910 J     3300     Not detected     330       Indeno[1,2,3-cd]pyrene     2100 J     3300     160 J     330       Naphthalene     Not detected     3300     Not detected     330       Phenanthrene     8000     3300     150 J     330       Pyrene     9700     3300     380     330       PCB     SW846-3550B/8082     mg/Kg         PCB 1016     Not detected     0.02     Not detected     0.02	Fluoranthene			11000	3300	370	330
Indeno[1,2,3-cd]pyrene     2100 J     3300     160 J     330       Naphthalene     Not detected     3300     Not detected     330       Phenanthrene     8000     3300     150 J     330       Pyrene     9700     3300     380     330       PCB     SW846-3550B/8082     mg/Kg         PCB 1016     Not detected     0.02     Not detected     0.02	Fluorene			910 J	3300	Not detected	330
Naphthalene     Not detected     3300     Not detected     330       Phenanthrene     8000     3300     150 J     330       Pyrene     9700     3300     380     330       PCB     SW846-3550B/8082     mg/Kg          PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02	Indeno[1,2,3-cd]pvrene			2100 J	3300	160 J	330
Phenanthrene     8000     3300     150 J     330       Pyrene     9700     3300     380     330       PCB     SW846-3550B/8082     mg/Kg          PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02	Naphthalene			Not detected	3300	Not detected	330
Pyrene     9700     3300     380     330       PCB     SW846-3550B/8082     mg/Kg          PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1221     Not detected     0.02     Not detected     0.02     Not detected     0.02	Phenanthrene			8000	3300	150 J	330
PCB     SW846-3550B/8082     mg/Kg          PCB 1016     Not detected     0.02     Not detected     0.02       PCB 1221     Not detected     0.02     Not detected     0.02	Pyrene			9700	3300	380	330
PCB 1016 Not detected 0.02 Not detected 0.02   PCB 1221 Not detected 0.02 Not detected 0.02	PCR	SW846-3550R/8082	mø/Kø				
PCB 1221 Not detected 0.02 Not detected 0.02	PCB 1016	511010-35300/0002	<u> </u>	Not detected	0.02	Not detected	0.02
	PCB 1221		+	Not detected	0.02	Not detected	0.02



Client Sample ID			SB-26A		SB-26B	
York Sample ID			04020284-11		04020284-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			0.73	0.02	Not detected	0.02
PCB 1260			0.28	0.02	Not detected	0.02
PCB, Total			1.01	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			9280	1.00	6160	1.00
Antimony			17.3	1.00	Not detected	1.00
Arsenic			17.1	1.00	15.4	1.00
Barium			331	1.00	3120	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			5.45	0.500	0.94	0.500
Calcium			6500	2.00	45100	2.00
Chromium			208	0.500	12.1	0.500
Cobalt			184	1.00	Not detected	1.00
Copper			2720	1.00	41.8	1.00
Iron			72200	1.00	9510	1.00
Lead			915	1.00	6630	1.00
Magnesium			4070	2.00	6260	2.00
Manganese			493	1.00	238	1.00
Nickel			79.3	1.00	13.3	1.00
Potassium			1440	3.00	1550	3.00
Selenium			Not detected	1.00	1.72	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			10000	5.00	1530	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			71.9	2.00	15.9	2.00
Zinc			7540	2.00	1140	2.00
Mercury	SW846-7471	mg/kG	1.39	0.10	0.58	0.10

Client Sample ID			SB-27A		SB-27B	
York Sample ID			04020284-13		04020284-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			150	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10



Client Sample ID			SB-27A		SB-27B	
York Sample ID			04020284-13		04020284-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Endrin aldehyde	·····		Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor	<u> </u>		Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1.1.1.2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1.1.1-Trichloroethane			Not detected	5.0	Not detected	5.0
1.1.2.2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1.1.2-Trichloroethane	1		Not detected	5.0	Not detected	5.0
1.1-Dichloroethane			Not detected	5.0	Not detected	5.0
1.1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1.1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1.2.3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.3-Trichloropropage			Not detected	5.0	Not detected	5.0
1.2.3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.4 Trimethylbenzene				5.0	Not detected	5.0
1.2. Dibromo 3 chloropropope				5.0	Not detected	5.0
1.2 Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Diobiorobangana			Not detected	5.0	Not detected	5.0
1.2 Dichlorosthoro			Not detected	5.0	Not detected	5.0
1,2-Dichloroothylong (Total)			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
1,2-Dichloropiopane			Not detected	5.0	Not detected	5.0
			03	5.0	Not detected	5.0
1,3-Dichloropropage			Not detected	5.0	Not detected	5.0
1,3-Dichlorohongong	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromotorm			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane		_	Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene		_	Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			12	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			9	5.0	Not detected	5.0



Client Sample ID			SB-27A		SB-27B	
York Sample ID			04020284-13		04020284-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Methylene chloride		1	36 B	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			19	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene	·····		35	5.0	Not detected	5.0
p- & m-Xylenes			42	5.0	Not detected	5.0
p-Isopropyltoluene			37	5.0	Not detected	5.0
sec-Butylbenzene			15	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene		1	Not detected	5.0	Not detected	5.0
Tetrachloroethylene			11	5.0	Not detected	5.0
Toluene			21	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene	······	<u> </u>	Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride	·····		Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			Not detected	3300	1100 I	3300
Acenaphthylene			Not detected	3300	Not detected	3300
Anthracene			Not detected	3300	2300 I	3300
Benzolalanthracene	· · · · · · · · · · · · · · · · · · ·	<u> </u>	1200 I	3300	5000	3300
Benzo[a]pvrene			1100 J	3300	3900	3300
Benzo[b]fluoranthene	······································		1100 J	3300	3900	3300
Benzo[g.h.i]pervlene			Not detected	3300	560 I	3300
Benzo[k]fluoranthene			1300 I	3300	5000	3300
Chrysene	· · · · · · · · · · · · · · · · · · ·		1400 J	3300	5200	3300
Dibenz[a,h]anthracene		· · · · · ·	Not detected	3300	Not detected	3300
Fluoranthene		· · ·	1700 I	3300	12000	3300
Fluorene			Not detected	3300	12000 1400 I	3300
Indeno[1,2,3-cd]pyrene		:	Not detected	3300	690 I	3300
Naphthalene			Not detected	3300	Not detected	3300
Phenanthrene			1100 I	3300	10000	3300
Pvrene			1600 I	3300	11000	3300
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221		· · · · · · · · · · · · · · · · · · ·	Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248	· · · · · · · · · · · · · · · · · · ·	i	Not detected	0.02	Not detected	0.02
PCB 1254	···· ····		0.15	0.02	0.03	0.02
PCB 1260			0.11	0.02	0.03	0.02
PCB, Total	<u> </u>		0.26	0.02	0.05	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			4650	1.00	6030	1.00
Antimony			9.26	1.00	2 63	1.00
Arsenic		<u> </u>	5 49	1.00	8 33	1.00
Barium		<u> </u>	115	1.00	201	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium		<u> </u>	7 58	0.500	1 73	0.500
Calcium			2920	2.00	35200	2.00
Chromium		<u>+</u>	31.6	0.500	40.7	0.500
		1	J 21.0	0.000	10.7	0.200



Client Sample ID			SB-27A		SB-27B	
York Sample ID			04020284-13		04020284-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Cobalt			21.2	1.00	62.5	1.00
Copper			352	1.00	356	1.00
Iron			15400	1.00	22500	1.00
Lead			352	1.00	489	1.00
Magnesium			1720	2.00	3480	2.00
Manganese			131	1.00	262	1.00
Nickel			20.9	1.00	33.6	1.00
Potassium			908	3.00	1330	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			1130	5.00	2990	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			23.1	2.00	21.4	2.00
Zinc			903	2.00	2220	2.00
Mercury	SW846-7471	mg/kG	1.05	0.10	0.15	0.10

Client Sample ID			SB-28A		SB-28B	
York Sample ID			04020284-15		04020284-16	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0



Client Sample ID			SB-28A		SB-28B	
York Sample ID			04020284-15		04020284-16	
Matrix	······		SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1.2.3-Trichloropropane			Not detected	5.0	Not detected	5.0
1.2.3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1 2 4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1 2 4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1 2-Dibromoethane			Not detected	5.0	Not detected	5.0
1.2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.2-Dichloroethane			Not detected	5.0	Not detected	5.0
1.2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2-Dichloropropage			Not detected	5.0	Not detected	5.0
1 3 5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.3 Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropage	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1,3-Dichloropenzene			Not detected	5.0	Not detected	5.0
1,4-Diciliorobenzene			Not detected	5.0	Not detected	5.0
1-Chloronexalle			Not detected	5.0	Not detected	5.0
2,2-Dichloropiopane			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromotorm			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Methylene chloride			33 B	5.0	88 B	5.0
Naphthalene	<u> </u>		Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene	8		Not detected	5.0	Not detected	5.0
Styrene	ļ		Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0



York Sample ID     04020284-15     04020284-16       Matrix     SOIL     SOIL     SOIL       Parameter     Method     Units     Results     MDL     Results     MDL       Polynchear Aromatic Hydroc,(BN)     SW846-8270     ng/KG   SUID     3300     Results     3300     Rise	Client Sample ID			SB-28A		SB-28B	
Matrix     SOIL     SOIL     SOIL     Poline       Parameter     Method     Not detected     5.0     Not detected     5.0       Polynackar Aromatic Hydroc,BN)     SW846-8270     ug/k0	York Sample ID			04020284-15		04020284-16	
Parameter     Method     Units     Results     MDI.     Results     MDI.       Vinylchloride     Not detected     5.0     Not detected     5.0       Polynackar Aromatle IIydroc.(BN)     SW846-8270     ug/k0 <th>Matrix</th> <th></th> <th></th> <th>SOIL</th> <th></th> <th>SOIL</th> <th></th>	Matrix			SOIL		SOIL	
Vinyl chloride     Not detected     5.0     Not detected     5.0       Polynaclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG	Parameter	Method	Units	Results	MDL	Results	MDL
Polynaclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG	Vinyl chloride	····		Not detected	5.0	Not detected	5.0
Acenaplithetie     S     510 J     3300     270 J     330       Acenaplitylene     1200 J     3300     Not detected     330       Benzo[a]mtraccue     6800     3300     1200 J     3300     860     330       Benzo[b]fluoranthene     5100     3300     1200 J     3300     100     330       Benzo[b]fluoranthene     710 J     3300     100     330     10     330       Benzo[k]fluoranthene     7200 J     3300     1100     330     100     330       Chrysene     6100 J     3300     150 J     330     1100     330       Dibenc][a]harthracene     Not detected J     300     150 J     330     130<	Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Accmaphthylene     1200 J     3300     Not detected     330       Anthracene     2700 J     3300     100     680     330       Benzo[a]prime     5000     3300     760     330       Benzo[b]fuoranthene     5100     3300     760     330       Benzo[k]fluoranthene     710 J     3300     710     330       Chrysene     6100     3300     220 J     330       Dibenz[k]fluoranthene     710 J     300     1100     330       Pitoranthene     10000     3300     2100     330       Pitoranthene     880 J     3300     160 J     330       Indenol[1,2]cd]pyrne     880 J     3300     160 J     330       Pitorene     880 J     3300     160 J     330       Pyrene     SW846-3550B/802     mg/Kg       -       PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected	Acenaphthene			510 J	3300	270 J	330
Anthracene     2700 J     3300     6800     3301       Benzo[a]antracene     6800     3300     1200     330       Benzo[b]fluoranthene     5100     3300     760     330       Benzo[b]fluoranthene     710 J     3300     760     330       Benzo[k,fluoranthene     710 J     3300     750     330       Chrysene     6100     3300     750     330       Dibenz[a,h]anthracene     Not detected     300     2100     330       Fluoranthene     10000     300     2100     330       Pitoranthene     880 J     3300     540     330       Naphthalene     5700     3300     1601     330       Pyrene     880 J     3300     2200     330       PCB     SW846-3550B/802     mg/Kg         PCB     1016     not detected     0.02     Not detected     0.02       PCB 1221     Not detected     0.02     Not detected     0.02     Not detected     0.02	Acenaphthylene			1200 J	3300	Not detected	330
Benzo[a]anthracene     6800     3300     1280     330       Benzo[a]yrene     5000     3300     660     330       Benzo[a,L]perylene     710 J     3300     760     330       Benzo[a,L]perylene     710 J     3300     750     330       Chrysene     6100     3300     1100     330       Dibenz[a,h]anthracene     10006     3300     220 J     330       Fluoranthene     10000     3300     540     330       Fluoranthene     880 J     3300     540     330       Naphthalene     Not detected     3300     160 J     330       Pyrene     880 J     3300     160 J     330       Pyrene     9700     3300     160 J     330       Pyrene     Not detected     0.02     Not detected     0.02       PCB 1016     Not detected     0.02     Not detected     0.02       PCB 123     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.0	Anthracene			2700 J	3300	680	330
Benzo[a]pyrene     5000     3300     860     330       Benzo[b]fluoranthene     5100     3300     760     330       Benzo[k]fluoranthene     7101     3300     750     330       Chrysene     6100     3300     1100     330       Dibenz[a,h]anthracene     10000     3300     210     330       Fluoranthene     10000     3300     2100     330       Indeno[1, 2,3-cd]pyrene     880.1     3300     540     330       Not detected     3300     160.1     330       Phenanthrene     Not detected     3300     160.1     330       Porten     10000     3300     100.0     330     100.0     330       Pyrene     10000     3300     100.0     330     100.0     330       PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242 <td< td=""><td>Benzo[a]anthracene</td><td></td><td></td><td>6800</td><td>3300</td><td>1200</td><td>330</td></td<>	Benzo[a]anthracene			6800	3300	1200	330
Benzo[b]fluorantiene     5100     3300     766     330       Benzo[b]fluorantiene     7101     3300     510     330       Benzo[b]fluorantiene     7200     3300     750     330       Chrysene     6100     3300     120     330       Dibenz[a,h]anthracene     Not detected     3300     220 J     330       Fluorantiene     10000     3300     220 J     330       Indeno[1,2,3-cd]pyrne     880 J     3300     540     330       Not detected     3300     160 J     330     160 J     330       Picrene     SW846-3550B/802     mg/Kg	Benzolalpyrene			5000	3300	860	330
Benzo[g].hi]perylene     7101     3300     510     330       Benzo[g].hi]perylene     7101     3300     750     330       Benzo[g].hi]perylene     6100     3300     750     330       Dibenz[a,h]aubracene     Not detected     3300     220 J     330       Fluoranthene     10000     3300     2100     330       Fluoranthene     880 J     3300     540     330       Nathene     Not detected     3300     160 J     330       Phenanthrene     Not detected     3300     160 J     330       PCB     SW846-3550B/8082     mg/Kg          PCB 1016     Not detected     0.02     Not detected	Benzo[b]fluoranthene			5100	3300	760	330
Berns(k)Planathene     7200     3300     750     330       Chrysene     6100     3300     1100     330       Diberg(k)Planathene     Not detected     3300     2201     330       Fluorene     880 J     3300     2100     330       Indend(L_2,3-cd)Pyrene     880 J     3300     540     330       Phoramhene     Not detected     3300     160 J     330       Pyrene     Not detected     0.02     Not detected     0.02       PCB     SW846-3550B/802     mg/Kg          PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1221     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1240     Not detected     0.02	Benzo[g h i]pervlene			710 J	3300	510	330
Drankey     1200	Benzo[k]fluoranthene			7200	3300	750	330
Diberz[a,h]anthracene     Not detected     3300     2201     330       Fluoranthene     10000     3300     2100     330       Fluoranthene     880 J     3300     2100     330       Indeno[1,2,3-cd]pyrene     880 J     3300     540     330       Naphthalene     Not detected     3300     540     330       Phenanthrene     880 J     3300     160 J     330       Pyrene     10000     3300     1900     330       PCB     SW846-3550B/8082     mg/Kg          PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1221     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1250     0.07     0.02     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected<	Chrysene			6100	3300	1100	330
District antheme     Intervent     Jobs     Jobs     Jobs       Fluorantheme     880 J     3300     350     330       Indeno[1,2,3-cd]pyrene     880 J     3300     540     330       Naphthalene     Not detected     3300     160 J     330       Prene     5700     3300     160 J     330       Pyrene     10000     3300     1000 J     330       PCB     SW846-3550B/8082     mg/Kg          PCB     SW846-3550B/8082     mg/Kg           PCB 121     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1254     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB Total     0.07	Dihenz(a hlanthracene			Not detected	3300	220 I	330
Indiminie     Index     Index <thindex< th="">     Index     Index</thindex<>	Fluoranthene			10000	3300	2100	330
Indemo[1,2,3-cd]pyrene     800 J     3300     540     330       Naphthalene     Not detected     3300     160 J     330       Phenanthrene     5700     3300     2200     330       Pyrene     10000     3300     1900     330       PCB     SW846-3550B/8082     mg/Kg          PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 121     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg          Aluminum     8130     1.00     77.4     1.00     1.00	Fluorana			880 1	3300	350	330
Indefinit_2.3-scipping     3800     3500     360     350 <td></td> <td></td> <td></td> <td>880 J</td> <td>3200</td> <td>540</td> <td>330</td>				880 J	3200	540	330
Napitionatelie     100 detected     300     1000     330       Pyrene     10000     3300     1900     330       PCB     SW846-3550B/8082     mg/Kg          PCB 1016     SW846-3550B/8082     mg/Kg           PCB 1221     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg          Auminum     260     1.00     4350     1.00     133     1.00       Barium     2600     1	Nankthalana			Not datastad	2200	160 I	330
Pyrene     3700     3200     2200     330       PCB     SW846-3550B/8082     mg/Kg				5700	2200	2200	220
PYCB     SW846-3550B/8082     mg/Kg           PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1221     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1254     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/Kg          Aluminum     260     1.00     103     1.00     1.00     1.00       Arsenic     8:55     1.00     103     1.	Prenanthrene			3700	2200	1000	220
PCB     SW840-3530B/8082     Illg/kg	Pyrene	SW046 2550D/0002	ma/V a	10000	3300	1900	330
PCB 121     Not detected     0.02     Not detected     0.02       PCB 1231     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02       PCB 1254     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg         Aluminum     8130     1.00     4580     1.00       Arsenic     8.55     1.00     2030     1.00       Barium     2400     2.00     Not detected     0.500       Cadmium     2.22     0.500     Not detected     0.500       Calcium     2420     2.00     18600     2.00       Copp		SW840-3550B/8082	mg/Kg	 NT-4 d-44- d	0.02	 Ni-t data at ad	0.02
PCB 121     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02       PCB 1254     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       PCB 70tal     0.07     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg          Aluminum     8130     1.00     4580     1.00       Arsenic     8.55     1.00     2030     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Calcium     2.22     0.500     Not detected     0.500       Calcium     2.22     0.500     Not detected     0.500       Cobalt     49.5     1.00     27.1     1.00	PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1232     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02       PCB 1250     0.07     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       PCB, Total     0.07     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg         Aluminum     8130     1.00     4580     1.00       Arsenic     8.55     1.00     2030     1.00       Barium     260     1.00     103     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     2420     2.00     18600     2.00       Copper     599     1.00     525     1.00       Copper     3560     1.00     108     1.00  Magnesium     4040     2.00	PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02       PCB 1254     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       PCB, Total     0.07     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg         Aluminum     8130     1.00     4580     1.00       Antimony     4.97     1.00     77.4     1.00       Arsenic     8.55     1.00     2030     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Calcium     2.22     0.500     Not detected     0.500       Calcium     2.22     0.500     Not detected     0.500       Cabat     49.5     1.00     27.1     1.00       Copper     599     1.00     25.5     1.00       Manganeses     363	PCB 1232			Not detected	0.02	Not detected	0.02
PCB 124s     Not detected     0.02     Not detected     0.02       PCB 1254     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       PCB, Total     0.07     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg          Aluminum     8130     1.00     4580     1.00       Antimony     4.97     1.00     77.4     1.00       Arsenic     8.55     1.00     2030     1.00       Barium     260     1.00     103     1.00       Cadmium     2.22     0.500     Not detected     0.500       Calcium     24800     2.00     18600     2.00       Cobalt     49.5     1.00     27.1     1.00       Copper     599     1.00     525     1.00       Maganesium     4040     2.00     1410     2.00       Manganese     363     1.00	PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1254     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       PCB, Total     0.07     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg          Aluminum     8130     1.00     4580     1.00       Antimony     4.97     1.00     77.4     1.00       Arsenic     8.55     1.00     2030     1.00       Barium     260     1.00     103     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     2.22     0.500     Not detected     0.500       Calcium     24800     2.00     18600     2.00       Cobalt     49.5     1.00     27.1     1.00       Copper     599     1.00     525     1.00       Magnesium     4040     2.00     1410     2.00       Magnesium     26.2     1.00	PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1260     0.07     0.02     Not detected     0.02       PCB, Total     0.07     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg            Aluminum     8130     1.00     4580     1.00       Antimony     4.97     1.00     77.4     1.00       Arsenic     8.55     1.00     2030     1.00       Barium     260     1.00     103     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     2.22     0.500     Not detected     0.500       Calcium     24800     2.00     18600     2.00       Cobalt     49.5     1.00     27.1     1.00       Cobalt     49.5     1.00     27.1     1.00       Lead     351     1.00     631     1.00       Magnesium     26.2     1.00     1.00     1.00       Magnesium     26.2	PCB 1254			Not detected	0.02	Not detected	0.02
PCB, Total     0.07     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg	PCB 1260			0.07	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)     SW846-6010     mg/kg	PCB, Total	011046 6010		0.07	0.02	Not detected	0.02
Alumnum     8130     1.00     4580     1.00       Antimony     4.97     1.00     77.4     1.00       Arsenic     8.55     1.00     2030     1.00       Barium     260     1.00     103     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     2.22     0.500     Not detected     0.500       Calcium     24800     2.00     18600     2.00       Chromium     82.0     0.500     11.5     0.500       Cobalt     49.5     1.00     27.1     1.00       Copper     599     1.00     525     1.00       Iron     37600     1.00     10600     1.00       Magnesium     4040     2.00     1410     2.00       Magnesium     2270     3.00     822     3.00       Selenium     2270     3.00     822     3.00       Silver     Not detected     1.00     1.00     1.00       Sodiu	Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Antimony     4.97     1.00     77.4     1.00       Arsenic     8.55     1.00     2030     1.00       Barium     260     1.00     103     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     2.22     0.500     Not detected     0.500       Calcium     24800     2.00     18600     2.00       Chromium     82.0     0.500     11.5     0.500       Cobalt     49.5     1.00     27.1     1.00       Copper     599     1.00     525     1.00       Iron     37600     1.00     10600     1.00       Lead     351     1.00     631     1.00       Magnesium     4040     2.00     1410     2.00       Magnesium     26.2     1.00     782     1.00       Nickel     26.2     1.00     782     1.00       Nickel     26.2     1.00     782     1.00       Silver     <	Aluminum			8130	1.00	4580	1.00
Arsenic     8.55     1.00     2030     1.00       Barium     260     1.00     103     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     2.22     0.500     Not detected     0.500       Calcium     2.4800     2.00     18600     2.00       Chromium     82.0     0.500     11.5     0.500       Cobalt     49.5     1.00     27.1     1.00       Copper     599     1.00     52.5     1.00       Iron     37600     1.00     10600     1.00       Lead     351     1.00     631     1.00       Maganesium     4040     2.00     1410     2.00       Marganese     363     1.00     108     1.00       Nickel     26.2     1.00     782     1.00       Selenium     2270     3.00     822     3.00       Selenium     Not detected     1.00     1.00       Silver     Not det	Antimony			4.97	1.00	//.4	1.00
Barium     260     1.00     103     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     2.22     0.500     Not detected     0.500       Calcium     24800     2.00     18600     2.00       Chromium     82.0     0.500     11.5     0.500       Cobalt     49.5     1.00     27.1     1.00       Copper     599     1.00     525     1.00       Iron     37600     1.00     103     1.00       Magnesium     4040     2.00     1410     2.00       Magnesium     2270     3.00     822     3.00       Nickel     26.2     1.00     782     1.00       Magnesium     2270     3.00     822     3.00       Selenium     Not detected     1.00     1.00     1.00       Silver     Not detected     1.00     1.00     1.00       Sodium     3520     5.00     487     5.00       Th	Arsenic			8.55	1.00	2030	1.00
Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     2.22     0.500     Not detected     0.500       Calcium     24800     2.00     18600     2.00       Chromium     82.0     0.500     11.5     0.500       Cobalt     49.5     1.00     27.1     1.00       Copper     599     1.00     525     1.00       Iron     37600     1.00     10600     1.00       Magnesium     4040     2.00     1410     2.00       Magnesium     26.2     1.00     782     1.00       Nickel     26.2     1.00     782     1.00       Nickel     2270     3.00     822     3.00       Selenium     Not detected     1.00     1.00     1.00       Silver     Not detected     1.00     2.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     1.00     1.00	Barium			260	1.00	103	1.00
Cadmium     2.22     0.500     Not detected     0.500       Calcium     24800     2.00     18600     2.00       Chromium     82.0     0.500     11.5     0.500       Cobalt     49.5     1.00     27.1     1.00       Copper     599     1.00     525     1.00       Iron     37600     1.00     10600     1.00       Lead     351     1.00     631     1.00       Magnesium     4040     2.00     1410     2.00       Magnesium     26.2     1.00     782     1.00       Nickel     26.2     1.00     782     1.00       Selenium     Not detected     1.00     2.00     1.00       Silver     Not detected     1.00     2.00     1.00       Sodium     3520     5.00     487     5.00       Sodium     29.5     2.00     18.3     2.00       Vanadium     29.5     2.00     18.3     2.00       Mercury <t< td=""><td>Beryllium</td><td></td><td></td><td>Not detected</td><td>0.500</td><td>Not detected</td><td>0.500</td></t<>	Beryllium			Not detected	0.500	Not detected	0.500
Calcium     24800     2.00     18600     2.00       Chromium     82.0     0.500     11.5     0.500       Cobalt     49.5     1.00     27.1     1.00       Copper     599     1.00     525     1.00       Iron     37600     1.00     10600     1.00       Lead     351     1.00     631     1.00       Magnesium     4040     2.00     1410     2.00       Magnesium     26.2     1.00     782     1.00       Nickel     2270     3.00     822     3.00       Silver     Not detected     1.00     121     1.00       Silver     Not detected     1.00     1.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     Not detected     1.00       Zinc     29.5     2.00     18.3     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10     0.51     0.10	Cadmium			2.22	0.500	Not detected	0.500
Chromium     82.0     0.500     11.5     0.500       Cobalt     49.5     1.00     27.1     1.00       Copper     599     1.00     525     1.00       Iron     37600     1.00     10600     1.00       Lead     351     1.00     631     1.00       Magnesium     4040     2.00     1410     2.00       Magnesium     26.2     1.00     782     1.00       Nickel     26.2     1.00     782     1.00       Selenium     Not detected     1.00     121     1.00       Silver     Not detected     1.00     1.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     1.00     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10	Calcium			24800	2.00	18600	2.00
Cobalt     49.5     1.00     27.1     1.00       Copper     599     1.00     525     1.00       Iron     37600     1.00     10600     1.00       Lead     351     1.00     631     1.00       Magnesium     4040     2.00     1410     2.00       Manganese     363     1.00     108     1.00       Nickel     26.2     1.00     782     1.00       Selenium     Not detected     1.00     121     1.00       Silver     Not detected     1.00     2.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     1.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury	Chromium			82.0	0.500	11.5	0.500
Copper     599     1.00     525     1.00       Iron     37600     1.00     10600     1.00       Lead     351     1.00     631     1.00       Magnesium     4040     2.00     1410     2.00       Manganese     363     1.00     108     1.00       Nickel     26.2     1.00     782     1.00       Potassium     2270     3.00     822     3.00       Selenium     Not detected     1.00     1.01     1.00       Silver     Not detected     1.00     2.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10     0.51     0.10	Cobalt			49.5	1.00	27.1	1.00
Iron     37600     1.00     10600     1.00       Lead     351     1.00     631     1.00       Magnesium     4040     2.00     1410     2.00       Manganese     363     1.00     108     1.00       Nickel     26.2     1.00     782     1.00       Potassium     2270     3.00     822     3.00       Selenium     Not detected     1.00     121     1.00       Silver     Not detected     1.00     2.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10	Copper			599	1.00	525	1.00
Lead     351     1.00     631     1.00       Magnesium     4040     2.00     1410     2.00       Manganese     363     1.00     108     1.00       Nickel     26.2     1.00     782     1.00       Potassium     2270     3.00     822     3.00       Selenium     Not detected     1.00     121     1.00       Silver     Not detected     1.00     2.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10     0.51     0.10	Iron			37600	1.00	10600	1.00
Magnesium     4040     2.00     1410     2.00       Manganese     363     1.00     108     1.00       Nickel     26.2     1.00     782     1.00       Potassium     2270     3.00     822     3.00       Selenium     Not detected     1.00     121     1.00       Silver     Not detected     1.00     2.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10	Lead		ļ	351	1.00	631	1.00
Manganese     363     1.00     108     1.00       Nickel     26.2     1.00     782     1.00       Potassium     2270     3.00     822     3.00       Selenium     Not detected     1.00     121     1.00       Silver     Not detected     1.00     2.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10     0.51     0.10	Magnesium			4040	2.00	1410	2.00
Nickel     26.2     1.00     782     1.00       Potassium     2270     3.00     822     3.00       Selenium     Not detected     1.00     121     1.00       Silver     Not detected     1.00     2.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10     0.51     0.10	Manganese			363	1.00	108	1.00
Potassium     2270     3.00     822     3.00       Selenium     Not detected     1.00     121     1.00       Silver     Not detected     1.00     2.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10     0.51     0.10	Nickel			26.2	1.00	782	1.00
Selenium     Not detected     1.00     121     1.00       Silver     Not detected     1.00     2.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10     0.51     0.10	Potassium			2270	3.00	822	3.00
Silver     Not detected     1.00     2.00     1.00       Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10     0.51     0.10	Selenium			Not detected	1.00	121	1.00
Sodium     3520     5.00     487     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10     0.51     0.10	Silver		1	Not detected	1.00	2.00	1.00
Thallium     Not detected     1.00     Not detected     1.00       Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10     0.51     0.10	Sodium			3520	5.00	487	5.00
Vanadium     29.5     2.00     18.3     2.00       Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10     0.51     0.10	Thallium			Not detected	1.00	Not detected	1.00
Zinc     2760     2.00     128     2.00       Mercury     SW846-7471     mg/kG     0.15     0.10     0.51     0.10	Vanadium			29.5	2.00	18.3	2.00
Mercury SW846-7471 mg/kG 0.15 0.10 0.51 0.10	Zinc			2760	2.00	128	2.00
	Mercury	SW846-7471	mg/kG	0.15	0.10	0.51	0.10

Client Sample ID			SB-29A		SB-29B	
York Sample ID			04020284-17		04020284-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			363	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehvde		<u> </u>	Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor		<b>-</b>	Not detected	50	Not detected	50
Toxaphene		-	Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	110/Kg				
1 1 1 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1 1 1-Trichloroethane	1	+	Not detected	5.0	Not detected	5.0
1 1 2 2-Tetrachloroethane		<u> </u>	Not detected	5.0	Not detected	5.0
1 1 2-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethylene		<u> </u>	Not detected	5.0	Not detected	5.0
1 1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1.2.3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.3-Trichloropropage			Not detected	5.0	Not detected	5.0
1.2.3-Trimethylbenzene		+	Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trimethylbenzene		+	Not detected	5.0	Not detected	5.0
1.2 Dibromo-3-chloropropage			Not detected	5.0	Not detected	5.0
1.2 Dibromoethane			Not detected	5.0	Not detected	5.0
1.2-Dichlorohenzene		1	Not detected	5.0	Not detected	5.0
1.2-Dichloroethane			Not detected	5.0	Not detected	5.0
1.2 Dichloroathylene (Total)			Not detected	5.0	Not detected	5.0
1.2 Dichloropropage			Not detected	5.0	Not detected	5.0
1 3 5. Trimethylbengene			Not detected	5.0	Not detected	5.0
1.3 Dichlorohangene			Not detected	5.0	Not detected	$\frac{5.0}{5.0}$
			Not detected	5.0	Not detected	5.0
1.3-Dichlorohomzono			Not detected	5.0	Not detected	5.0
		+	Not detected	5.0	Not detected	5.0
2.2 Dishlaramanan			Not detected	5.0	Not detected	5.0
2,2-Dicinoropropane			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	50
Denzene			Not detected	5.0	Not detected	5.0
Bromobenzene			INOT detected	3.0	INOT detected	0.0

Client Sample ID			SB-29A		SB-29B	
York Sample ID		1	04020284-17		04020284-18	
Matrix		<u> </u>	SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDI
Bromochloromethane	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform	·······		Not detected	5.0	Not detected	5.0
Bromomethane		<u> </u>	Not detected	5.0	Not detected	5.0
Carbon tetrachloride	·····		Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
cis-1.3-Dichloropronylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane	·····		Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane		+	Not detected	5.0	Not detected	5.0
Ethylhenzene			Not detected	5.0	Not detected	5.0
Hevachlorobutadiene		<u> </u>	Not detected	5.0	Not detected	5.0
Isopropulhenzene			Not detected	5.0	Not detected	5.0
Methylone chloride			Not detected	5.0	Not detected	5.0
Norththelene			24 B	5.0	34 B	5.0
			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
<u> </u>			Not detected	5.0	Not detected	5.0
<u>p- &amp; m-Xylenes</u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>	Not detected	5.0	Not detected	5.0
p-isopropyltoluene		ļ	Not detected	5.0	Not detected	5.0
sec-Butylbenzene	······································		Not detected	5.0	Not detected	5.0
Styrene		· · · · ·	Not detected	5.0	Not detected	5.0
tert-Butylbenzene		· · · · · · · · · · · · · · · · · · ·	Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane	·		Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG			*~~	
Acenaphthene			14000	8300	57 J	330
Acenaphthylene			Not detected	8300	Not detected	330
Anthracene			23000	8300	130 J	330
Benzo[a]anthracene			63000	8300	350	330
Benzo[a]pyrene			51000	8300	300 J	330
Benzo[b]fluoranthene			78000	8300	240 J	330
Benzo[g,h,i]perylene			8600	8300	200 J	330
Benzo[k]fluoranthene			73000	8300	310 J	330
Chrysene		<u> </u>	62000	8300	370	330
Dibenz[a,h]anthracene			4300 J	8300	76 J	330
Fluoranthene	····		89000	8300	730	330
Fluorene			12000	8300	53 I	330
Indeno[1,2,3-cd]pvrene			10000	8300	190 T	330
Naphthalene			7500 T	8300	Not detected	330
Phenanthrene			74000	8300	510	330
Pvrene	· · · · · · · · · · · · · · · · · · ·		76000	8200	010	320
PCB	SW846-3550B/8082	ma/K a	70000	_0500	000	- 022
PCB 1016	STOTO 33300/0002	mg/ng	Not detected	0.02	Not detected	0.02
		1	I THUL LECEULEL	V.V.2		V.V2



Client Sample ID			SB-29A		SB-29B	
York Sample ID			04020284-17		04020284-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1221	-		Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1260			0.03	0.02	Not detected	0.02
PCB, Total			0.03	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			11000	1.00	4990	1.00
Antimony			2.09	1.00	Not detected	1.00
Arsenic			10.6	1.00	2.43	1.00
Barium			239	1.00	60.2	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			1.10	0.500	Not detected	0.500
Calcium			35100	2.00	6020	2.00
Chromium			28.9	0.500	11.9	0.500
Cobalt			7.32	1.00	4.63	1.00
Copper			331	1.00	21.1	1.00
Iron			14800	1.00	10600	1.00
Lead			233	1.00	16.6	1.00
Magnesium			11000	2.00	2630	2.00
Manganese			314	1.00	249	1.00
Nickel			24.8	1.00	10.2	1.00
Potassium			1620	3.00	1050	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			738	5.00	348	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			40.6	2.00	17.8	2.00
Zinc			261	2.00	46.9	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

Client Sample ID			SB-30A		SB-30B	
York Sample ID			04020284-19		04020284-20	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			368	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10

Client Sample ID			SB-30A		SB-30B	
York Sample ID			04020284-19		04020284-20	
Matrix		_	SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	<u>ug/Kg</u>			Not detected	
1 1 1 2-Tetrachloroethane	511040-0200	ug/ing	Not detected	5.0	Not detected	5.0
1 1 1 Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2. Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Teirachioroethane			Not detected	5.0	Not detected	5.0
1 1 Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylone			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
	·		Not detected	5.0	Not detected	5.0
		_	Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
1,2,3-1 rimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene		·	Not detected	5.0	Not detected	5.0
1,2,4-1 rimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	110(cis-)	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene	T · · · ·	-	Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane		·	Not detected	5.0	Not detected	5.0
Ethylbenzene	+		Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
			1.00.000000	1 212	1	2.0



Client Sample ID			SB-30A		SB-30B	
York Sample ID			04020284-19		04020284-20	
Matrix		-	SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			45 B	5.0	58 B	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xvlene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	120	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1.3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	61	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinvl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			2700 J	3300	Not detected	330
Acenaphthylene			Not detected	3300	Not detected	330
Anthracene			4700	3300	Not detected	330
Benzo[a]anthracene			12000	3300	Not detected	330
Benzo[a]pyrene			8500	3300	Not detected	330
Benzo[b]fluoranthene			10000	3300	Not detected	330
Benzo[g,h,i]perylene			1500 J	3300	Not detected	330
Benzo[k]fluoranthene			12000	3300	Not detected	330
Chrysene			12000	3300	Not detected	330
Dibenz[a,h]anthracene			670 J	3300	Not detected	330
Fluoranthene			19000	3300	72 J	330
Fluorene			2700 J	3300	Not detected	330
Indeno[1,2,3-cd]pyrene			1700 J	3300	Not detected	330
Naphthalene			800 J	3300	Not detected	330
Phenanthrene			17000	3300	Not detected	330
Рутепе			19000	3300	75 J	330
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1260			0.06	0.02	Not detected	0.02
PCB, Total			0.06	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			5190	1.00	3420	1.00
Antimony			6.55	1.00	Not detected	1.00
Arsenic			6.78	1.00	1.26	1.00
Barium		ļ	773	1.00	34.1	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			2.35	0.500	Not detected	0.500
Calcium			33500	2.00	4450	2.00

Client Sample ID			SB-30A		SB-30B	
York Sample ID			04020284-19		04020284-20	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Chromium			32.9	0.500	6.35	0.500
Cobalt			15.4	1.00	4.03	1.00
Copper			187	1.00	14.8	1.00
Iron			45400	1.00	10400	1.00
Lead			386	1.00	5.63	1.00
Magnesium			3510	2.00	3180	2.00
Manganese			541	1.00	293	1.00
Nickel			30.3	1.00	7.70	1.00
Potassium			1130	3.00	512	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			1360	5.00	593	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			17.8	2.00	8.66	2.00
Zinc			827	2.00	26.2	2.00
Mercury	SW846-7471	mg/kG	0.20	0.10	Not detected	0.10

Client Sample ID			SB-32B	
York Sample ID			04020284-21	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg		
4,4'-DDD			Not detected	10
4,4'-DDE			Not detected	10
4,4'-DDT			Not detected	10
Aldrin			Not detected	10
alpha-BHC			Not detected	10
beta-BHC			Not detected	10
Chlordane			Not detected	50
delta-BHC			Not detected	10
Dieldrin			Not detected	10
Endosulfan I			Not detected	10
Endosulfan II			Not detected	10
Endosulfan sulfate			Not detected	10
Endrin			Not detected	10
Endrin aldehyde			Not detected	10
gamma-BHC (Lindane)			Not detected	10
Heptachlor			Not detected	10
Heptachlor epoxide			Not detected	10
Methoxychlor			Not detected	50
Toxaphene			Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg		
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0



Client Sample ID	,		SB-32B	
York Sample ID			04020284-21	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,2,3-Trichlorobenzene			Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1,2,4-Trimethylbenzene	······································		Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0
1,2-Dibromoethane		·	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,2-Dichloroethylene (Total)			38 (cis-)	5.0
1,2-Dichloropropane	•		Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,3-Dichloropropane			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
1-Chlorohexane			Not detected	5.0
2,2-Dichloropropane			Not detected	5.0
2-Chlorotoluene			Not detected	5.0
4-Chlorotoluene	<u> </u>		Not detected	5.0
Benzene			Not detected	5.0
Bromobenzene			Not detected	5.0
Bromochloromethane			Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dibromomethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Isopropylbenzene			Not detected	5.0
Methylene chloride			69 B	5.0
Naphthalene			Not detected	5.0
n-Butylbenzene			Not detected	5.0
n-Propylbenzene			Not detected	5.0
o-Xylene			Not detected	5.0
p- & m-Xylenes			Not detected	5.0
p-Isopropyltoluene			Not detected	5.0
sec-Butylbenzene			Not detected	5.0
Styrene			Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tetrachloroethylene			22	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene			23	5.0



Client Sample ID			SB-32B	
York Sample ID			04020284-21	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG		
Acenaphthene			Not detected	330
Acenaphthylene	·····		Not detected	330
Anthracene			Not detected	330
Benzo[a]anthracene			180 J	330
Benzo[a]pyrene			190 J	330
Benzo[b]fluoranthene			120 J	330
Benzo[g,h,i]pervlene			110 J	330
Benzo[k]fluoranthene			140 J	330
Chrysene	······································		210 J	330
Dibenz[a,h]anthracene			Not detected	330
Fluoranthene			250 J	330
Fluorene			Not detected	330
Indeno[1.2.3-cd]pyrene			95 J	330
Naphthalene			Not detected	330
Phenanthrene			150 J	330
Pyrene			290 J	330
PCB	SW846-3550B/8082	mg/Kg		
PCB 1016			Not detected	0.02
PCB 1221			Not detected	0.02
PCB 1232			Not detected	0.02
PCB 1242		· · · · · · · · · · · · · · · · · · ·	Not detected	0.02
PCB 1248			Not detected	0.02
PCB 1254			Not detected	0.02
PCB 1260			Not detected	0.02
PCB, Total			Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg		
Aluminum			3420	1.00
Antimony			Not detected	1.00
Arsenic			1.66	1.00
Barium			50.0	1.00
Beryllium			Not detected	0.500
Cadmium			Not detected	0.500
Calcium			5400	2.00
Chromium	·····		8.84	0.500
Cobalt			4.56	1.00
Copper			19.0	1.00
Iron			11000	1.00
Lead			5.44	1.00
Magnesium			3170	2.00
Manganese			322	1.00
Nickel			11.9	1.00
Potassium			853	3.00
Selenium		<u> </u>	Not detected	1.00
Silver			Not detected	1.00
Sodium			968	5.00
Thallium		[	Not detected	1.00
Vanadium			15.2	2.00
Zinc			30.3	2.00



Client Sample ID			SB-32B	
York Sample ID			04020284-21	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Mercury	SW846-7471	mg/kG	Not detected	0.10

Client Sample ID			EB-2/11-Soil	
York Sample ID			04020284-22	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L		
4,4'-DDD		<u> </u>	Not detected	0.055
4,4'-DDE			Not detected	0.055
4,4'-DDT			Not detected	0.055
Aldrin			Not detected	0.055
alpha-BHC			Not detected	0.055
beta-BHC			Not detected	0.055
Chlordane			Not detected	0.22
delta-BHC			Not detected	0.055
Dieldrin			Not detected	0.055
Endosulfan I			Not detected	0.055
Endosulfan II			Not detected	0.055
Endosulfan sulfate			Not detected	0.055
Endrin			Not detected	0.055
Endrin aldehyde			Not detected	0.055
gamma-BHC (Lindane)			Not detected	0.055
Heptachlor			Not detected	0.055
Heptachlor epoxide			Not detected	0.055
Methoxychlor			Not detected	0.22
Toxaphene			Not detected	2.2
Volatiles-8260 list	SW846-8260	ug/L		
1,1,1,2-Tetrachloroethane			Not detected	1
1,1,1-Trichloroethane			Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1
1,1,2-Trichloroethane			Not detected	1
1,1-Dichloroethane			Not detected	1
1,1-Dichloroethylene			Not detected	1
1,1-Dichloropropylene			Not detected	1
1,2,3-Trichlorobenzene			Not detected	1
1,2,3-Trichloropropane			Not detected	1
1,2,3-Trimethylbenzene			Not detected	1
1,2,4-Trichlorobenzene			Not detected	1
1,2,4-Trimethylbenzene			Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1
1,2-Dibromoethane			Not detected	1
1,2-Dichlorobenzene		ļ	Not detected	1
1,2-Dichloroethane		ļ	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1
1,2-Dichloropropane			Not detected	1
1,3,5-Trimethylbenzene		1	Not detected	1
1,3-Dichlorobenzene			Not detected	1
1,3-Dichloropropane			Not detected	1
1,4-Dichlorobenzene			Not detected	1



Client Sample ID			EB-2/11-Soil	
York Sample ID			04020284-22	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
1-Chlorohexane			Not detected	1
2,2-Dichloropropane			Not detected	1
2-Chlorotoluene			Not detected	1
4-Chlorotoluene			Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	1
Bromochloromethane			Not detected	1
Bromodichloromethane			Not detected	1
Bromoform			Not detected	1
Bromomethane			Not detected	1
Carbon tetrachloride			Not detected	1
Chlorobenzene			Not detected	1
Chloroethane			Not detected	1
Chloroform			Not detected	1
Chloromethane			Not detected	1
cis-1,3-Dichloropropylene			Not detected	1
Dibromochloromethane			Not detected	1
Dibromomethane			Not detected	1
Dichlorodifluoromethane			Not detected	1
Ethylbenzene	,,,,,,, .		Not detected	1
Hexachlorobutadiene			Not detected	1
Isopropylbenzene			Not detected	1
Methylene chloride			Not detected	1
Naphthalene			Not detected	1
n-Butylbenzene			Not detected	1
n-Propylbenzene			Not detected	1
o-Xylene			Not detected	1
p- & m-Xylenes			Not detected	1
p-Isopropyltoluene			Not detected	1
sec-Butylbenzene			Not detected	1
Styrene			Not detected	1
tert-Butylbenzene			Not detected	1
Tetrachloroethylene			Not detected	1
Toluene			Not detected	1
trans-1,3-Dichloropropylene			Not detected	1
Trichloroethylene			Not detected	1
Trichlorofluoromethane			Not detected	1
Vinyl chloride		_	Not detected	1
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L		
Acenaphthene			Not detected	10
Acenaphthylene			Not detected	10
Anthracene			Not detected	10
Benzo[a]anthracene			Not detected	10
Benzo[a]pyrene			Not detected	10
Benzo[b]fluoranthene			Not detected	10
Benzo[g,h,i]perylene			Not detected	10
Benzo[k]fluoranthene			Not detected	10
Chyrsene			Not detected	10
Dibenz[a,h]anthracene			Not detected	10
Fluoranthene			Not detected	10
Fluorene			Not detected	10



Client Sample ID		1	EB-2/11-Soil	
York Sample ID			04020284-22	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Indeno[1,2,3-cd]pyrene			Not detected	10
Naphthalene			Not detected	10
Phenanthrene			Not detected	10
Pyrene			Not detected	10
РСВ	SW846-3510C/8082	ug/L		
PCB 1016			Not detected	0.22
PCB 1221			Not detected	0.22
PCB 1232			Not detected	0.22
PCB 1242			Not detected	0.22
PCB 1248			Not detected	0.22
PCB 1254			Not detected	0.22
PCB 1260			Not detected	0.22
PCB, Total			Not detected	0.22
Metals, Target Analyte List(TAL)	SW846-6010	ug/L		
Aluminum			7.9	5.0
Antimony			Not detected	5.0
Arsenic			Not detected	10.0
Barium			Not detected	10.0
Beryllium			Not detected	1.0
Cadmium			Not detected	3.0
Calcium			Not detected	20.0
Chromium			Not detected	5.0
Cobalt			Not detected	5.0
Copper			Not detected	5.0
Iron			11.3	5.0
Lead			Not detected	3.0
Magnesium			Not detected	10.0
Manganese			Not detected	5.0
Nickel			Not detected	5.0
Potassium			Not detected	30.0
Selenium			Not detected	10.0
Silver			Not detected	5.0
Sodium			Not detected	50.0
Thallium			Not detected	10.0
Vanadium			Not detected	10.0
Zinc			Not detected	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002

Units Key:

For Waters/Liquids: mg/L = ppm; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb



#### Report Date: 2/23/2004 Client Project ID: DEP/Soil SDG-4 York Project No.: 04020284

#### Notes for York Project No. 04020284

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

- 2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
- 3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
- 4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
- 5. All samples were received in proper condition for analysis with proper documentation.
- 6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley Managing Director

Date: 2/23/2004





### **Definitions for FLAGS used as a Results Suffix**

Flags are sometimes used on results to indicate certain occurences during the analysis process. The most common flags used by York are defined below.

#### FLAG

#### DEFINITION

J J indicates an estimated value. This flag applies to Tentatively Identified Compounds or, when requested, for a target compound whose result is less than the reporting limit but whose mass spectral data meet identification criteria. For example if the reporting limit is listed as 10 ppb and the analysis shows 3 ppb, the result can be reported as 3 J. The client must request the use of J flags for the laboratory to report such flags.

**B** B indicates that the analyte was also found in the associated batch method blank. This flag indicates possible/probable blank contamination and warns the data user to be aware. This mostly applies to the volatiles acetone and methylene chloride and the semi-volatiles bis-(2-ethylhexyl) phthalate and other phthalates.

E This flag is used to indicate that the reported concentration of an analyte exceeded the calibration range of the analytical system. In this case the result reported is treated as a minimum value. This often applies where clients request an additional analyte after sample analysis, such as acetone, where the initial analysis did not require dilution since acetone was not a target compound. This flag will also apply if after numerous dilutions a specific target compound would significantly dilute out all other targets.

<u>۸۲</u>	<b>JRK</b>								Page <u>2</u> of <u>3</u>
ANALYTICAL L	ABORATORI	ES, INC.		Field	Chair	n-of-Cu	<u>istody F</u>	Record	
UNE RES Stamfor (203) 325-1371	ЗЕАКСН URIVI 10, СТ С690 FAX (203) 3	Е 6 357-0166					)	OHJ	10284
Company	Name	Report T(		<u>nvoice To:</u>	<b>∩</b>	roject ID/N		hacita	de la
Connosien (Consultan	t F	Greg Mener	0	Jame	DEP/S	iou / SDG-	<u>  [</u> 	Samples Collect	ed By (Signature)
								Iracy Wall	(Printed)
Sample No.	Loca	ltion/ID D	ate Samp	led <u>Water</u>	nple Matrix Soil   Air DTHE	anal Anal	LYSES REQU	ESTED	Container Description(s)
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Comments/Speci	ial Instructik	suc	AN (A)	th USH عمال	EB Walne	(*) cis	Turm-Arot X Stand	<b>ind Time</b>	H(define)

<b>V</b>	)RK			i				Page 3 of 3
ANALYTICAL LA	BORATORI	ES, NG.		<b>Fiel</b>	d Chain	-or-Custo	dy Record	
87AMFORC (203) 325-1371 (	o, CT 06904 FAX (203) 3	6 157-0166					504	- h2101,0
Company h	Vame	Report T(		Invoice T(		oject ID/No.	June	Jell
Burose	25	Can der			DSD/	, cue r	Samples follect	ted By (Signature)
Cansulta	Hts, Im.	word from	2	Jane		4-5000/1000	Tacy Wall	(Printed)
Sample No.	Loca	tion/ID D	)ate San	npled Wate	Sample Matrix r   Soil   Air   DTHEF	ANALYSE	REQUESTED	Container Description(s)
21	SB-	32B	2/11/01	1	×	NOCE SUDGE(F	Atta Only ) Perticideal C.	h 2-802 jack
22	EB.	- 2/11 - Soil	>	×		$\rightarrow$	- Josiner	4= Hade 2-4 Om L/Hc/L
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				FUD OF	3DG-4			
Chain-of-Custod	ly Record		here	char not	oppe	ц ":Д		1/1 ho/21/2 -
Bottles Relinquishe	ed from Lab by	Date/Time	San	ple Relinquished t	y Date	Time	Sample Received by 11	M V Date/Time
Bottles	in Field by	Date/Time	Sarr	ple Relinquished t	ly Date	/Time Sa	mple Received in NAB by	L Date/Time
Comments/Specia	al Instructic	suc	Us M	EC ASP	CAT B Deli	wable	Turn-Around Time X Standard RUSI	H(define)



# **Technical Report**

prepared for

**Enviroscience Consultants, Inc.** 33 Flying Point Road Suite 208 Southhampton, NY 11968 **Attention: Greg Menegio** 

Report Date: 2/23/2004 Re: Client Project ID: NYDEP/Maspeth/SDG-3 York Project No.: 04020294



120 RESEARCH DRIVE

STRATFORD, CT 06615

(203) 325-1371

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Page 1 of 18

Report Date: 2/23/2004 Client Project ID: NYDEP/Maspeth/SDG-3 York Project No.: 04020294

#### Enviroscience Consultants, Inc.

33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

#### **Purpose and Results**

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 02/13/04. The project was identifed as your project "NYDEP/Maspeth/SDG-3."

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			<b>TB-2/12</b>		GP-28	
York Sample ID			04020294-01		04020294-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4,4'-DDD					Not detected	0.05
4,4'-DDE					Not detected	0.05
4,4'-DDT					Not detected	0.05
Aldrin					Not detected	0.05
alpha-BHC					Not detected	0.05
beta-BHC					Not detected	0.05
Chlordane					Not detected	0.2
delta-BHC					Not detected	0.05
Dieldrin					Not detected	0.05
Endosulfan I					Not detected	0.05
Endosulfan II					Not detected	0.05
Endosulfan sulfate					Not detected	0.05
Endrin					Not detected	0.05
Endrin aldehyde					Not detected	0.05
gamma-BHC (Lindane)					Not detected	0.05
Heptachlor					Not detected	0.05

#### Analysis Results



York Sample ID     0402024-01     0402024-02       Matrix     WATER     WATER     WATER       Parameter     Method     Units     Results     MDL     Results     MDL       Heptachlor epoxide     -     -     Not detected     0.05       Methoxychlor     -     -     -     -     -       Toxaphene     SW846-82.0     ugil     -     -     -     -     -       1,1,12-Tetrachloroethane     Not detected     1     Not detected     1     Not detected     1     1     -	Client Sample ID			TB-2/12		GP-28	
Matrix     Wethod     WATER     WATER       Parameter     Method     Units     Results     MDL       Heptachlor epoxide     Not detected     0.02       Toxaphene     Not detected     0.2       Toxaphene     Not detected     0.2       Volatiles 4260 ist     SW846-8260     ugl.          1,1,2-Tertachloroethane     Not detected     1     Not detected     1     Not detected     1       1,1,2-Trichloroethane     Not detected     1     Not detected     1     Not detected     1       1,1-Dichloroethane     Not detected     1     Not detected     1     Not detected     1       1,2,3-Trichloropenyene     Not detected     1     Not detected     1     Not detected     1       1,2,3-Trichloropenyene     Not detected     1     Not detected     1     Not detected     1       1,2,4-Trichlorobenzene     Not detected     1     Not detected     1     1     1,2,2-Trichloropenyene     Not detected     1     Not detected     <	York Sample ID			04020294-01		04020294-02	
Parameter     Method     Units     Results     MDL     Results     MDL       Heptschlor epxide     Not detected     0.05       Methoxychlor     Not detected     0.2       Toxaphene     Not detected     1.     Not detected     2.0       Volatites 8260 list     SW846-8260     ug/L         1,1,1_2-Tetrachloroethane     Not detected     1.     Not detected     1.       1,1,2_2-Tortachloroethane     Not detected     1.     Not detected     1.       1,1_1-Dichloroethane     Not detected     1.     Not detected     1.       1,1_2-Trichloroethane     Not detected     1.     Not detected     1.       1,1_2,3-Trichloroptrape     Not detected     1.     Not detected     1.       1,2_3-Trichloroptrape     Not detected     1.     Not detected     1.       1,2_4-Trinchrybenzene     Not detected     1.     Not detected     1.       1,2_4-Trinchrybenzene     Not detected     1.     Not detected     1.       1,2_4-Dichloroentynepae     Not detected	Matrix			WATER		WATER	
Heptachlor spoxide     Not detected     0.02       Methovychlor     Not detected     0.2       Toxaphene     Not detected     2.0       Volatiles 3200 list     SW846-8260     ug/L         1,1,2-Tertachlorechtane     Not detected     1     Not detected     1     Not detected     1       1,1,2-Tertachlorechtane     Not detected     1     Not detected     1     Not detected     1       1,1-Dichlorechtane     Not detected     1     Not detected     1     1     1       1,2-Trichloropropylen     Not detected     1     Not detected     1	Parameter	Method	Units	Results	MDL	Results	MDL
Methoxychlor     Not detected     0.2       Toxaphene     Not detected     2.0       Volatiles-8260 list     SW846-8260     ug/L          1,1,1.2.1etrachloroethane     Not detected     1     Not detected     1     1.1       1,1,2.2.Tetrachloroethane     Not detected     1     Not detected     1     Not detected     1       1,1,2.Trickhoroethane     Not detected     1     Not detected     1	Heptachlor epoxide					Not detected	0.05
Toxaphene     Not detected     2.0       Volatiles-8260 list     SW846-8260     ug/L          1,1,2-Tetrachloroethane     Not detected     1     Not detected     1       1,1,2-Trichloroethane     Not detected     1     Not detected     1       1,1-Dichloroethane     Not detected     1     Not detected     1       1,1-Dichloroethane     Not detected     1     Not detected     1       1,1-Dichloroethylene     Not detected     1     Not detected     1       1,2,3-Trichloroporpane     Not detected     1     Not detected     1       1,2,3-Trichloroporpane     Not detected     1     Not detected     1       1,2,4-Trichlorobenzene     Not detected     1     Not detected     1       1,2,4-Trichlorobenzene     Not detected     1     Not detected     1       1,2,2-Dichloroethane     Not detected     1     Not detected     1       1,2,2-Dichloropropane     Not detected     1     Not detected     1       1,2-Dichloropropane     Not de	Methoxychlor		1			Not detected	0.2
Volatiles 8260 list     SW846-8260     ug/L          1,1,2.7 tetrachiorothane     Not detected     1     Not detected     1       1,1,2.7 tetrachiorothane     Not detected     1     Not detected     1       1,1,2.7 tetrachiorothane     Not detected     1     Not detected     1       1,1.7 Trichlorothane     Not detected     1     Not detected     1       1,1.7 Dichlorothyne     Not detected     1     Not detected     1       1,1.7 Dichlorophyne     Not detected     1     Not detected     1       1,2,3 Trichlorophyne     Not detected     1     Not detected     1       1,2,3 Trichlorophyne     Not detected     1     Not detected     1       1,2,4 Trimethylbenzene     Not detected     1     Not detected     1       1,2,2 Dichorobenzene     Not detected     1     Not detected     1       1,2,2 Dichorobenzene     Not detected     1     Not detected     1       1,2,2 Dichorobenzene     Not detected     1     Not detected     1	Toxaphene		· · · · ·			Not detected	2.0
1,1,2-Tetrachloroethane   Not detected   1   Not detected   1     1,1,2-Tetrachloroethane   Not detected   1   Not detected   1     1,1,2-Trichloroethane   Not detected   1   Not detected   1     1,1,2-Trichloroethane   Not detected   1   Not detected   1     1,1-Dichloroethylene   Not detected   1   Not detected   1     1,2,3-Trichloropopate   Not detected   1   Not detected   1     1,2,3-Trichloropopate   Not detected   1   Not detected   1     1,2,3-Trichloropopate   Not detected   1   Not detected   1     1,2,4-Trichloropopate   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2,2-Dichorobenzene   Not detected   1   Not detected   1     1,2,2-Dichorobenzene   Not detected   1   Not detected   1     1,2-Dichloropropane   Not detected   1   Not detected   1     1,2-Dichloropropane   Not detected   1   Not detected   1	Volatiles-8260 list	SW846-8260	ug/L				
1,1,2-Tirchloroethane   Not detected   1   Not detected   1     1,1,2-Tirchloroethane   Not detected   1   Not detected   1     1,1-Dichloroethane   Not detected   1   Not detected   1     1,1-Dichloroethylene   Not detected   1   Not detected   1     1,1-Dichloroethylene   Not detected   1   Not detected   1     1,2,3-Trichloroppropylene   Not detected   1   Not detected   1     1,2,3-Trichloroppropane   Not detected   1   Not detected   1     1,2,4-Trinethylbenzene   Not detected   1   Not detected   1     1,2,4-Trinethylbenzene   Not detected   1   Not detected   1     1,2-Dibromoethane   Not detected   1   Not detected   1     1,2-Dibropropane   Not detected   1   Not detected   1	1.1.1.2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2,3-Tetrachloroethane   Not detected   1   Not detected   1     1,1,2,1-Trichloroethane   Not detected   1   Not detected   1     1,1-Dichloroethylene   Not detected   1   Not detected   1     1,1-Dichloroethylene   Not detected   1   Not detected   1     1,2,3-Trichloropropane   Not detected   1   Not detected   1     1,2,3-Trichlorobenzene   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichloroethynene   Not detected   1   Not detected   1     1,2-Dichloroethynene   Not detected   1   Not detected   1     1,2-Dichloroethynene   Not detected   1   Not detected   1     1,3,5-Trinothylborethane   Not detected   1   Not detected	1.1.1-Trichloroethane			Not detected	1	Not detected	1
11,2-Trickloroethane   Not detected   1   Not detected   1     1,1-Dichloroethane   Not detected   1   Not detected   1     1,1-Dichloroethane   Not detected   1   Not detected   1     1,1-Dichloropropylene   Not detected   1   Not detected   1     1,2,3-Trichlorobenzene   Not detected   1   Not detected   1     1,2,3-Trichloropropane   Not detected   1   Not detected   1     1,2,4-Trinethylbenzene   Not detected   1   Not detected   1     1,2,4-Trinethylbenzene   Not detected   1   Not detected   1     1,2-Dibromoethane   Not detected   1   Not detected   1     1,2-Dichloropropane   Not detected   1   Not detected   1     1,3,5-Trinethylbenzene   Not detected   1   Not detected   1	1 1 2 2-Tetrachloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene   Not detected   1   Not detected   1     1,1-Dichloroethylene   Not detected   1   Not detected   1     1,2,3-Trichloropropylene   Not detected   1   Not detected   1     1,2,3-Trichloropropylene   Not detected   1   Not detected   1     1,2,3-Trichloropropylene   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2-Dibloroothane   Not detected   1   Not detected   1     1,2-Dibloroothane   Not detected   1   Not detected   1     1,2-Dichlorophane   Not detected   1   Not detected   1     1,3-Dichlorophynene   Not detected   1   Not detected   1     1,3-Dichlorophynene   Not detected   1   Not detected   1     1,3-Dichlorophynene   Not detected   1   Not detected   1 <td>1 1 2-Trichloroethane</td> <td></td> <td></td> <td>Not detected</td> <td>1</td> <td>Not detected</td> <td>1</td>	1 1 2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroptropylene   Not detected   1   Not detected   1     1,1-Dichloroptropylene   Not detected   1   Not detected   1     1,2,3-Trichlorobenzene   Not detected   1   Not detected   1     1,2,3-Trichlorobenzene   Not detected   1   Not detected   1     1,2,4-Trimethylbenzene   Not detected   1   Not detected   1     1,2,4-Trimethylbenzene   Not detected   1   Not detected   1     1,2-Dichorobenzene   Not detected   1   Not detected   1     1,2-Dichorobenzene   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1     1,3-Dichloropropane   Not detected   1   Not detected   1     1,3-Dichloroptopane   Not detected   1   Not detected   1	1 1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloropropylene   Not detected   1   Not detected   1     1,2,3-Trichloropropane   Not detected   1   Not detected   1     1,2,3-Trimethylbenzene   Not detected   1   Not detected   1     1,2,4-Trichloropropane   Not detected   1   Not detected   1     1,2,4-Trichloropropane   Not detected   1   Not detected   1     1,2,4-Trinethylbenzene   Not detected   1   Not detected   1     1,2-Dibromo-s-hloropropane   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichloropropane   Not detected   1   Not detected   1     1,2-Dichloropropane   Not detected   1   Not detected   1     1,3-5-Trimethylbenzene   Not detected   1   Not detected   1     1,3-5-Dichloropropane   Not detected   1   Not detected   1     1,4-Dichlorobenzene   Not detected   1   Not detected   1	1 1-Dichloroethylene			Not detected	1	Not detected	1
1.2,3-Trichlorobenzene   Not detected   1   Not detected   1     1.2,3-Trichlorobenzene   Not detected   1   Not detected   1     1.2,4-Trichlorobenzene   Not detected   1   Not detected   1     1.2,4-Trichlorobenzene   Not detected   1   Not detected   1     1.2,2-Diromoethane   Not detected   1   Not detected   1     1.2,2-Diromoethane   Not detected   1   Not detected   1     1.2,2-Diromoethane   Not detected   1   Not detected   1     1.2,2-Dichloroethane   Not detected   1   Not detected   1     1.2,2-Dichloroethylene (Total)   Not detected   1   Not detected   1     1.2,3-Dichloropopane   Not detected   1   Not detected   1     1.3,5-Trimethylbenzene   Not detected   1   Not detected   1     1.3,5-Dichloropopane   Not detected   1   Not detected   1     1.3,5-Dichloropopane   Not detected   1   Not detected   1     1.4,4-Dichlorobenzene   Not detected   1   Not detected   1	1 1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichloropropane   Not detected   1   Not detected   1     1,2,3-Trinkolbenzene   Not detected   1   Not detected   1     1,2,4-Trinkorbenzene   Not detected   1   Not detected   1     1,2,4-Trinkorbenzene   Not detected   1   Not detected   1     1,2-Dibrome-3-chloropropane   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1   Not detected   1     1,3-5-Trinnethylbenzene   Not detected   1   Not detected   1   Not detected   1     1,4-5-Dichlorobenzene   Not detected   1   Not detected   1   Not detected   1     1,4-5-Dichlorobenzene   Not detected   1   Not detected   1   Not detected   1     1,4-5-Dichlorobenzene   Not detected   1   Not detected   1   1	1.2.3-Trichlorobenzene			Not detected	1	Not detected	1
12.2   Trimetrylbenzene   Not detected   1   Not detected   1     1.2.4   Trishlorobenzene   Not detected   1   Not detected   1     1.2.4   Trishlorobenzene   Not detected   1   Not detected   1     1.2.5   Dibromo-3-chloropropane   Not detected   1   Not detected   1     1.2.5   Dibromoethane   Not detected   1   Not detected   1     1.2.5   Diblorobenzene   Not detected   1   Not detected   1     1.2.5   Diblorobenzene   Not detected   1   Not detected   1     1.2.5   Diblorobenzene   Not detected   1   Not detected   1     1.3.5   Trimetrylbenzene   Not detected   1   Not detected   1     1.3.5   Diblorobenzene   Not detected   1   Not detected   1   Not detected   1     1.3.5   Diblorobenzene   Not detected   1   Not detected   1   Not detected   1     1.3.5   Diblorobenzene   Not detected   1   Not detected   1   Not detec	1.2.3-Trichloropropage			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2-Dibromo-3-chloropropane   Not detected   1   Not detected   1     1,2-Dibromo-3-chloropropane   Not detected   1   Not detected   1     1,2-Dichloroethane   Not detected   1   Not detected   1     1,3-Dichloropropane   Not detected   1   Not detected   1     1,3-Dichloropropane   Not detected   1   Not detected   1     1,4-Dichloropropane   Not detected   1   Not detected   1     1,4-Dichloropropane   Not detected   1   Not detected   1     1,4-Dichloropropane   Not detected   1   Not detected   1     2,2-Dichloropropane   Not detected   1   Not detected   1	1.2.3-Trimethylbenzene		+	Not detected	1	Not detected	1
1,2,4*Trimethylbenzene   Not detected   1   Not detected   1     1,2-Dibromo-3-chloropropane   Not detected   1   Not detected   1     1,2-Dibromo-schloropropane   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichloropropane   Not detected   1   Not detected   1     1,2-Dichloropropane   Not detected   1   Not detected   1     1,3-Dichlorobenzene   Not detected   1   Not detected   1   Not detected   1     1,3-Dichloropropane   Not detected   1   Not detected   1   Not detected   1     1,3-Dichloropropane   Not detected   1   Not detected   1   Not detected   1     1,4-Dichlorobenzene   Not detected   1   Not detected   1   Not detected   1     1,2-Dichloropropane   Not detected   1   Not detected   1   Not detected   1     1,3-Dichloropropane   Not detec	1.2.4. Trichlorobenzene		· · ·	Not detected	1	Not detected	1
1,2-Dibloropropage   Not detected   1   Not detected   1     1,2-Dibromos-Achloropropage   Not detected   1   Not detected   1     1,2-Dibromos-Achloropropage   Not detected   1   Not detected   1     1,2-Dichloropentane   Not detected   1   Not detected   1     1,2-Dichloropentane   Not detected   1   Z(cis)   1     1,2-Dichloropentane   Not detected   1   Not detected   1     1,2-Dichloropentane   Not detected   1   Not detected   1     1,2-Dichloropentane   Not detected   1   Not detected   1     1,3-Dichloropentane   Not detected   1   Not detected   1     1,3-Dichloropentane   Not detected   1   Not detected   1     1,3-Dichloropentane   Not detected   1   Not detected   1     1,2-Dichloropentane   Not detected   1   Not detected   1     1,3-Dichloropentane   Not detected   1   Not detected   1     1,2-Dichloropentane   Not detected   1   Not detected   1	1.2.4 Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromothane   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichlorophylene (Total)   Not detected   1   Not detected   1     1,3-5-Trimethylenezene   Not detected   1   Not detected   1     1,3-Dichlorobenzene   Not detected   1   Not detected   1     1,3-Dichlorobenzene   Not detected   1   Not detected   1     1,4-Dichlorobenzene   Not detected   1   Not detected   1     1,4-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1     2,2-Dichlorobenzene   Not detected   1   Not detected   1	1.2 Dibromo 2 obloropropono			Not detected	1	Not detected	1
1,2-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichloroethane   Not detected   1   Not detected   1     1,2-Dichloroethane   Not detected   1   Not detected   1     1,2-Dichloroethylene (Total)   Not detected   1   2(cis-)   1     1,2-Dichloropropane   Not detected   1   Not detected   1     1,3-Dichloropropane   Not detected   1   Not detected   1     1,4-Dichlorobenzene   Not detected   1   Not detected   1     2,2-Dichloropropane   Not detected   1   Not detected   1     <	1,2-Dibromo-5-chloropropale		+	Not detected	1	Not detected	1
1,2-Dichlorotethane   Not detected   1   Not detected   1     1,2-Dichlorotethane   Not detected   1   Not detected   1     1,2-Dichloropropane   Not detected   1   Not detected   1     1,3,5-Trimethylbenzene   Not detected   1   Not detected   1     1,3-Dichlorobenzene   Not detected   1   Not detected   1     1,3-Dichlorobenzene   Not detected   1   Not detected   1     1,4-Dichlorobenzene   Not detected   1   Not detected   1     1,4-Dichlorobenzene   Not detected   1   Not detected   1     1,4-Dichlorobenzene   Not detected   1   Not detected   1     1,2-Dichloropropane   Not detected   1   Not detected   1     2,2-Dichloropropane   Not detected   1   Not detected   1     2,2-Dichloropropane   Not detected   1   Not detected   1     3,2-Chlorotoluene   Not detected   1   Not detected   1     4-Chlorotoluene   Not detected   1   Not detected   1     Br				Not detected	1	Not detected	1
1,2-Dichlorothylane (Total)Not detected1Not detected11,2-Dichlorothylane (Total)Not detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected13,2-DichloropropaneNot detected1Not detected14-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromochloromethaneNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChlorobenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1ChlorobenzeneNot detected1Not detected </td <td>1,2-Dichlorobenzene</td> <td></td> <td></td> <td>Not detected</td> <td>1</td> <td>Not detected</td> <td>1</td>	1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloropethylefe (1041)Not detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected14-ChlorotolueneNot detected1Not detected13Not detected1Not detected1Not detected1BenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromochloromethaneNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChlorobenzeneNot detected1Not detected1BromochloromethaneNot detected1 <td< td=""><td>1.2 Dichlore ethnice (Teth)</td><td></td><td></td><td>Not detected</td><td>1</td><td>Not detected</td><td>1</td></td<>	1.2 Dichlore ethnice (Teth)			Not detected	1	Not detected	1
1,2-DichloropropaneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromoformNot detected1Not detected <t< td=""><td>1,2-Dichloroethylene (Total)</td><td></td><td></td><td>Not detected</td><td></td><td>2(CIS-)</td><td>1</td></t<>	1,2-Dichloroethylene (Total)			Not detected		2(CIS-)	1
1,3,5-TimethylbenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChlorobenzeneNo	1,2-Dichloropropane			Not detected	1	Not detected	
1,3-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11-ChlorohexaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected14-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromobenzeneNot detected1Not detected1BromodichloromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1ChlorobenzeneNot detected1Not detecte	1,3,5-1rimethylbenzene			Not detected	1	Not detected	<u> </u>
1,3-DichloropropaneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11-ChlorohexaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromobenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromodichloromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloropropyleneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1	1,3-Dichlorobenzene			Not detected		Not detected	<u> </u>
1,4-DichlorobenzeneNot detected1Not detected11-ChlorohexaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromobenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1ChlorobenzeneNot detected1Not detected1 <td>1,3-Dichloropropane</td> <td> · · · · · · · · · · · · · · · · ·</td> <td></td> <td>Not detected</td> <td></td> <td>Not detected</td> <td>1</td>	1,3-Dichloropropane	· · · · · · · · · · · · · · · · ·		Not detected		Not detected	1
I-ChlorohexaneNot detectedINot detectedI2,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected14-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromochoromethaneNot detected1Not detected1BromodichloromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1Carbon tetrachlorideNot detected1Not detected1ChlorobraneNot detected1Not detected1	1,4-Dichlorobenzene		· ·	Not detected		Not detected	1
2,2-DichloropropaneNot detected1Not detected12-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromobenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1Carbon tetrachlorideNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChloroformNot detected1Not detected1ChloroformNot detected1Not detected1ChloroformNot detected1Not detected1ChloroformNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1 <td>1-Chlorohexane</td> <td></td> <td></td> <td>Not detected</td> <td></td> <td>Not detected</td> <td>1</td>	1-Chlorohexane			Not detected		Not detected	1
2-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromobenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromomethaneNot detected1Not detected1BromoformNot detected1Not detected1Carbon tetrachlorideNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChloroformNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloropyleneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1 <td>2,2-Dichloropropane</td> <td></td> <td></td> <td>Not detected</td> <td></td> <td>Not detected</td> <td></td>	2,2-Dichloropropane			Not detected		Not detected	
A-ChlorotolueneNot detectedINot detectedIBenzeneNot detected1Not detected1BromobenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromochoromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromomethaneNot detected1Not detected1Carbon tetrachlorideNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChloroformNot detected1Not detected1ChloromethaneNot detected1Not detected1ChlorophyleneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1Dibromochloro	2-Chlorotoluene			Not detected	1	Not detected	1
BenzeneNot detectedINot detectedIBromobenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromodichloromethaneNot detected1Not detected1BromodichloromethaneNot detected1Not detected1BromomethaneNot detected1Not detected1BromomethaneNot detected1Not detected1Carbon tetrachlorideNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChloroformNot detected1Not detected1ChloroformNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1Dibromochl	4-Chlorotoluene			Not detected		Not detected	
BromobenzeneNot detectedINot detected1BromochloromethaneNot detected1Not detected1BromodichloromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromomethaneNot detected1Not detected1Carbon tetrachlorideNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChloroformNot detected1Not detected1ChloroformNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloroformNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibronomethaneNot detected1Not detected1DibronomethaneNot detected1Not detected1DibronomethaneNot detected1Not detected1DibronomethaneNot detected1Not detected1DibronomethaneNot detected1Not detected1DibronomethaneNot detected1Not detecte	Benzene			Not detected		Not detected	
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BromoformNot detected1Not detected1BromomethaneNot detected1Not detected1Carbon tetrachlorideNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChloroethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromomethaneNot detected1Not	Bromodichloromethane			Not detected	1	Not detected	
BromomethaneNot detected1Not detected1Carbon tetrachlorideNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChloroethaneNot detected1Not detected1ChloroformNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibronomethaneNot detected1Not detected1EthylbenzeneNot detected1Not detected1HexachlorobutadieneNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1NaphthaleneNot detected1Not detected1NaphthaleneNot detected1Not detected1NaphthaleneNot detected1Not detected1Not detected1Not detected<	Bromoform			Not detected		Not detected	
Carbon tetrachlorideNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChloroethaneNot detected1Not detected1ChloroformNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibronomethaneNot detected1Not detected1DibronomethaneNot detected1Not detected1DibronomethaneNot detected1Not detected1DibronomethaneNot detected1Not detected1DibronomethaneNot detected1Not detected1DibronopilpunzeneNot detected1Not detected1HexachlorobutadieneNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1NaphthaleneNot detected1Not detected1Not detected1Not detecte	Bromomethane			Not detected		Not detected	
ChlorobenzeneNot detected1Not detected1ChloroethaneNot detected1Not detected1ChloroformNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloropropyleneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibromothloromethaneNot detected1Not detected1DichlorodifluoromethaneNot detected1Not detected1HexachlorobutadieneNot detected1Not detected1IsopropylbenzeneNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1NaphthaleneNot detected1Not detected1	Carbon tetrachloride			Not detected	1	Not detected	
ChloroethaneNot detected1Not detected1ChloroformNot detected1Not detected1ChloromethaneNot detected1Not detected1cis-1,3-DichloropropyleneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DichlorodifluoromethaneNot detected1Not detected1EthylbenzeneNot detected1Not detected1HexachlorobutadieneNot detected1Not detected1Methylene chlorideNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1NaphthaleneNot detected1Not detected1NaphthaleneNot detected1Not detected1	Chlorobenzene			Not detected	1	Not detected	
ChloroformNot detected1Not detected1ChloromethaneNot detected1Not detected1cis-1,3-DichloropropyleneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DichlorodifluoromethaneNot detected1Not detected1EthylbenzeneNot detected1Not detected1HexachlorobutadieneNot detected1Not detected1IsopropylbenzeneNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1n-ButylbenzeneNot detected1Not detected1	Chloroethane			Not detected	1	Not detected	1
ChloromethaneNot detected1Not detected1cis-1,3-DichloropropyleneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DichlorodifluoromethaneNot detected1Not detected1EthylbenzeneNot detected1Not detected1HexachlorobutadieneNot detected1Not detected1IsopropylbenzeneNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1n-ButylbenzeneNot detected1Not detected1	Chloroform			Not detected	1	Not detected	1
cis-1,3-DichloropropyleneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DichlorodifluoromethaneNot detected1Not detected1EthylbenzeneNot detected1Not detected1HexachlorobutadieneNot detected1Not detected1IsopropylbenzeneNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1n-ButylbenzeneNot detected1Not detected1	Chloromethane			Not detected	1	Not detected	1
DibromochloromethaneNot detected1Not detected1DibromomethaneNot detected1Not detected1DichlorodifluoromethaneNot detected1Not detected1EthylbenzeneNot detected1Not detected1HexachlorobutadieneNot detected1Not detected1IsopropylbenzeneNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1n-ButylbenzeneNot detected1Not detected1	cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
DibromomethaneNot detected1Not detected1DichlorodifluoromethaneNot detected1Not detected1EthylbenzeneNot detected1Not detected1HexachlorobutadieneNot detected1Not detected1IsopropylbenzeneNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1n-ButylbenzeneNot detected1Not detected1	Dibromochloromethane			Not detected	1	Not detected	1
DichlorodifluoromethaneNot detected1Not detected1EthylbenzeneNot detected1Not detected1HexachlorobutadieneNot detected1Not detected1IsopropylbenzeneNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1n-ButylbenzeneNot detected1Not detected1	Dibromomethane			Not detected	1	Not detected	1
EthylbenzeneNot detected1Not detected1HexachlorobutadieneNot detected1Not detected1IsopropylbenzeneNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1n-ButylbenzeneNot detected1Not detected1	Dichlorodifluoromethane			Not detected	1	Not detected	1
HexachlorobutadieneNot detected1Not detected1IsopropylbenzeneNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1n-ButylbenzeneNot detected1Not detected1	Ethylbenzene			Not detected	1	Not detected	1
IsopropylbenzeneNot detected1Not detected1Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1n-ButylbenzeneNot detected1Not detected1	Hexachlorobutadiene			Not detected	1	Not detected	1
Methylene chlorideNot detected1Not detected1NaphthaleneNot detected1Not detected1n-ButylbenzeneNot detected1Not detected1	Isopropylbenzene			Not detected	1	Not detected	1
Naphthalene     Not detected     1     Not detected     1       n-Butylbenzene     Not detected     1     Not detected     1	Methylene chloride	1	1	Not detected	1	Not detected	1
n-Butylbenzene Not detected 1 Not detected 1	Naphthalene			Not detected	1	Not detected	1
	n-Butylbenzene			Not detected	1	Not detected	1

Client Sample ID			TB-2/12		GP-28	
York Sample ID			04020294-01		04020294-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Propylbenzene			Not detected	1	Not detected	1
o-Xvlene	· · · · · · · · · · · · · · · · · · ·		Not detected	1	Not detected	1
n- & m-Xylenes	·····		Not detected	1	Not detected	1
n-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Stvrene	<u> </u>		Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1 3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene	·		Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1 1	Not detected	1
Vinyl chloride	· · · · · · · · · · · · · · · · · · · ·		Not detected	1	Not detected	1
Polynuclear Aromatic Hydrog (BN)	SW846-8270	<u></u>	Not detected	1		1
A cenantthene	3 W 040-0270	ug/L			Not detected	10
Acenaphthylene					Not detected	10
Acenapititytene					Not detected	10
Pongo[olonthrocono					Not detected	10
Benzo[a]anunacene					Not detected	10
Denzo[a]pyrelie	· · · · · · · · · · · · · · · · · · ·			ł	Not detected	10
Benzo[b]huoranthene					Not detected	10
Denzo[g,n,j]perviene				<u> </u>	Not detected	10
Champene					Not detected	10
Dihara fa hlarathara ana					Not detected	10
Dibenz[a,n]anthracene						10
Fluorantnene			· · · · · ·	<u> </u>		10
Fluorene					Not detected	10
Indeno[1,2,3-cd]pyrene	· · · · · · · · · · · · · · · · · ·				Not detected	10
Naphthalene					Not detected	10
Phenanthrene						10
Pyrene	CINI04C 2510C/0002		· · · · ·		1.9 J	10
	SW840-3310C/8082	ug/L			Not detected	0.2
PCB 1016				· · ·	Not detected	0.2
PCB 1221					Not detected	0.2
PCB 1232					Not detected	0.2
PCB 1242					Not detected	0.2
PCB 1248		l			Not detected	0.2
PCB 1254					Not detected	0.2
PCB 1260					Not detected	0.2
PCB, Total					Not detected	0.2
Metals, Target Analyte List(Dissolved)	<u>SW846-6010</u>	ug/L				
Aluminum					28.9	5.0
Antimony					Not detected	5.0
Arsenic					Not detected	10.0
Barium			ļ	ļ	203	10.0
Beryllium		ļ			Not detected	1.0
Cadmium				ļ	Not detected	3.0
Calcium	l	l			49100	20.0
Chromium				ļ	Not detected	5.0
Cobalt		ļ			Not detected	5.0
Copper		ļ			Not detected	5.0
Iron					36.5	5.0

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Client Sample ID			TB-2/12		GP-28	
York Sample ID			04020294-01		04020294-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead					3.5	3.0
Magnesium					20900	10.0
Manganese					599	5.0
Nickel					15.6	5.0
Potassium					10800	30.0
Selenium					Not detected	10.0
Silver					Not detected	5.0
Sodium					343000	50.0
Thallium					Not detected	10.0
Vanadium					Not detected	10.0
Zinc					Not detected	20.0
Mercury, Dissolved	SW-846-7470	mg/L			Not detected	0.0002
Metals, Target Analyte List(TAL)	SW846-6010	ug/L				
Aluminum					13500	5.0
Antimony					Not detected	5.0
Arsenic					Not detected	10.0
Barium					545	10.0
Beryllium					Not detected	1.0
Cadmium					Not detected	3.0
Calcium					65100	20.0
Chromium					126	5.0
Cobalt					31.0	5.0
Copper					181	5.0
Iron					32100	5.0
Lead					117	3.0
Magnesium					26100	10.0
Manganese					335	5.0
Nickel					420	5.0
Potassium					14000	30.0
Selenium					14.3	10.0
Silver					Not detected	5.0
Sodium					345000	50.0
Thallium					Not detected	10.0
Vanadium					67.0	10.0
Zinc					145	20.0
Mercury	SW846-7470	mg/L			0.0005	0.0002

Client Sample ID			GP-29		GP-32	
York Sample ID			04020294-03		04020294-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4,4'-DDD			Not detected	0.05	Not detected	0.05
4,4'-DDE			Not detected	0.05	Not detected	0.05
4,4'-DDT			Not detected	0.05	Not detected	0.05
Aldrin			Not detected	0.05	Not detected	0.05
alpha-BHC			Not detected	0.05	Not detected	0.05
beta-BHC			Not detected	0.05	Not detected	0.05
Chlordane			Not detected	0.2	Not detected	0.2



Client Sample ID			GP-29		GP-32	
York Sample ID			04020294-03		04020294-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
delta-BHC			Not detected	0.05	Not detected	0.05
Dieldrin			Not detected	0.05	Not detected	0.05
Endosulfan I			Not detected	0.05	Not detected	0.05
Endosulfan II		-	Not detected	0.05	Not detected	0.05
Endosulfan sulfate			Not detected	0.05	Not detected	0.05
Endrin			Not detected	0.05	Not detected	0.05
Endrin aldehyde	· · · · · · · · · · · · · · · · · · ·		Not detected	0.05	Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05	Not detected	0.05
Heptachlor			Not detected	0.05	Not detected	0.05
Heptachlor epoxide			Not detected	0.05	Not detected	0.05
Methoxychlor			Not detected	0.2	Not detected	0.2
Toxaphene		-	Not detected	2.0	Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L				
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane		1	Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane		-	Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1



Client Sample ID			GP-29		GP-32	
York Sample ID			04020294-03		04020294-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene		T	Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene	· · · · · · · · · · · · · · · · · · ·		Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1.3-Dichloropropylene			Not detected	1	Not detected	<u> </u>
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	<u>1</u>
Vinvl chloride			Not detected	I	Not detected	1
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	110/L				I
Acenaphthene			Not detected	10	111	10
Acenaphthylene			Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10
Benzo[a]anthracene			Not detected	10	Not detected	10
Benzofalpyrene			Not detected	10	Not detected	10
Benzo[b]fluoranthene			Not detected	10	Not detected	10
Benzolg.h.ilpervlene	· · · · · · · · · · · · · · · · · · ·		Not detected	10	Not detected	10
Benzo[k]fluoranthene			Not detected	10	Not detected	10
Chyrsene			Not detected	10	Not detected	10
Dibenz[a,h]anthracene			Not detected	10	Not detected	10
Fluoranthene			Not detected	10	Not detected	10
Fluorene			Not detected	10	Not detected	10
Indeno[1.2.3-cd]pyrene			Not detected	10	Not detected	10
Naphthalene			141	10	14 I	10
Phenanthrene			Not detected	10	Not detected	10
Pyrene			Not detected	10	121	10
РСВ	SW846-3510C/8082	110/L			1.2 5	10
PCB 1016		46/L	Not detected	0.2	Not detected	0.2
PCB 1221			Not detected	0.2	Not detected	0.2
PCB 1232			Not detected	0.2	Not detected	0.2
PCB 1242	· · · · · · · · · · · · · · · · · · ·		Not detected	0.2	Not detected	0.2
PCB 1248			Not detected	0.2	Not detected	0.2
PCB 1254			Not detected	0.2	Not detected	0.2
PCB 1260		·	Not detected	0.2	Not detected	0.2
PCB, Total			Not detected	0.2	Not detected	0.2
	l			· · -		U.2



Client Sample ID			GP-29		GP-32	
York Sample ID			04020294-03		04020294-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Target Analyte List(Dissolved)	SW846-6010	ug/L			475	
Aluminum			318	5.0	113	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			40.6	10.0	35.6	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			3370	20.0	3140	20.0
Chromium			Not detected	5.0	Not detected	5.0
Cobalt			18.5	5.0	18.8	5.0
Copper			21.8	5.0	26.1	5.0
Iron			730	5.0	594	5.0
Lead			Not detected	3.0	Not detected	3.0
Magnesium			1780	10.0	1800	10.0
Manganese			10.2	5.0	7.7	5.0
Nickel			12.9	5.0	11.0	5.0
Potassium			11600	30.0	11200	30.0
Selenium			12.4	10.0	15.7	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			964000	50.0	980000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			23.1	10.0	22.3	10.0
Zinc			Not detected	20.0	Not detected	20.0
Mercury, Dissolved	SW-846-7470	mg/L	0.0003	0.0002	Not detected	0.0002
Metals, Target Analyte List(TAL)	SW846-6010	ug/L				
Aluminum			16600	5.0	43400	5.0
Antimony			Not detected	5.0	9.1	5.0
Arsenic			16.5	10.0	15.7	10.0
Barium			664	10.0	670	10.0
Beryllium			1.7	1.0	1.7	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			28400	20.0	48900	20.0
Chromium			94.9	5.0	555	5.0
Cobalt			47.4	5.0	78.5	5.0
Copper			88.5	5.0	148	5.0
Iron			36300	5.0	80500	5.0
Lead			183	3.0	219	3.0
Magnesium			7860	10.0	21100	10.0
Manganese			3890	5.0	4380	5.0
Nickel			63.4	5.0	331	5.0
Potassium			14900	30.0	18200	30.0
Selenium			15.0	10.0	12.2	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			986000	50.0	982000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			64.9	10.0	139	10.0
Zinc			145	20.0	300	20.0
Mercury	SW846-7470	mg/L	0.0007	0.0002	0.0003	0.0002


Client Sample ID			GP-24		GP-25	
York Sample ID			04020294-05		04020294-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4,4'-DDD			Not detected	0.05	Not detected	0.05
4.4'-DDE		<b> </b>	Not detected	0.05	Not detected	0.05
4.4'-DDT			Not detected	0.05	Not detected	0.05
Aldrin		<u> </u>	Not detected	0.05	Not detected	0.05
alpha-BHC		++	Not detected	0.05	Not detected	0.05
beta-BHC			Not detected	0.05	Not detected	0.05
Chlordane			Not detected	0.02	Not detected	0.05
delta-BHC		<b> </b>	Not detected	0.05	Not detected	0.05
Dieldrin			Not detected	0.05	Not detected	0.05
Fndosulfan I			Not detected	0.05	Not detected	0.05
Endosulfan II		<u>├</u> ────	Not detected	0.05	Not detected	0.05
Endosulfan sulfate	<u> </u>	<u> </u>	Not detected	0.05	Not detected	0.05
Endosultan suitate			Not detected	0.05	Not detected	0.05
Ellui III		<b> </b>	Not detected	0.05	Not detected	0.05
Endrin aldenyde		<b> </b>	Not detected	0.05	Not detected	0.05
gamma-BHC (Lindane)	ļ	<b> </b>	Not detected	0.05	Not detected	0.05
Heptachlor		ļ!	Not detected	0.05	Not detected	0.05
Heptachlor epoxide			Not detected	0.05	Not detected	0.05
Methoxychlor			Not detected	0.2	Not detected	0.2
Toxaphene			Not detected	2.0	Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L				
1,1,1,2-Tetrachloroethane	l		Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane		1	Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene		[	Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1.2.3-Trichloropropane		<b> </b>	Not detected	1	Not detected	1
1.2.3-Trimethylbenzene	······	<u> </u>	Not detected	1	Not detected	1
1.2.4-Trichlorobenzene		+	Not detected	1	Not detected	1
1 2 4-Trimethylbenzene	ļ		150	1	Not detected	1
1 2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1.2-Dibromoethane	+	+	Not detected	1	Not detected	1
1.2-Dichlorohenzene		<u></u> ⊢	Not detected	1	Not detected	1
1.2-Dichloroethane		-	Not detected	1	Not detected	1
1.2-Dichloroethylene (Total)	<u>+</u>	i	Not datected	1	Not detected	1
1.2 Dichloronronane			Not detected	<u> </u>	Not detected	1
1.2 5 Trimethylhongone	<u> </u>	<b></b>	Not detected		Not detected	1
1,3,3-1 rimeinyidenzene	· · · · · · · · · · · · · · · · · · ·		44		Not detected	1
1,3-Dichlorobenzene			Not detected		Not detected	1
1,3-Dichloropropane		+	Not detected		Not detected	1
1,4-Dichlorobenzene		<b>_</b>	Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			38	1	Not detected	1
Bromobenzene	l		Not detected	1	Not detected	1
Bromochloromethane		<u> </u>	Not detected	1	Not detected	1
Bromodichloromethane		1	Not detected	1	Not detected	1



Client Sample ID			GP-24		GP-25	
York Sample ID			04020294-05		04020294-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			11	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			12	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene	· · · · · · · · · · · · · · · · · · ·		21	1	Not detected	1
n-Butylbenzene			4	1	Not detected	1
n-Propylbenzene			12	1	Not detected	1
o-Xylene			34	1	Not detected	1
p- & m-Xylenes			92	1	Not detected	1
p-Isopropyltoluene			5	1	Not detected	1
sec-Butylbenzene			4	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			3	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			1	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L				
Acenaphthene			Not detected	50	Not detected	10
Acenaphthylene			Not detected	50	Not detected	10
Anthracene			Not detected	50	Not detected	10
Benzo[a]anthracene			Not detected	50	Not detected	10
Benzo[a]pyrene			Not detected	50	Not detected	10
Benzo[b]fluoranthene			Not detected	50	Not detected	10
Benzo[g,h,i]perylene			Not detected	50	Not detected	10
Benzo[k]fluoranthene			Not detected	50	Not detected	10
Chyrsene			Not detected	50	Not detected	10
Dibenz[a,h]anthracene			Not detected	50	Not detected	10
Fluoranthene			Not detected	50	Not detected	10
Fluorene			Not detected	50	Not detected	10
Indeno[1,2,3-cd]pyrene	· · · · · · · · · · · · · · · · · · ·		Not detected	50	Not detected	10
Naphthalene	······································	1	15 J	50	Not detected	10
Phenanthrene			Not detected	50	Not detected	10
Pyrene			Not detected	50	Not detected	10
РСВ	SW846-3510C/8082	ug/L				
PCB 1016			Not detected	0.2	Not detected	0.2
PCB 1221			Not detected	0.2	Not detected	0.2
PCB 1232	· · · · · · · · · · · · · · · · · · ·		Not detected	0.2	Not detected	0.2

1.1.1.1.1

# YORK

Client Sample ID			GP-24		GP-25	
York Sample ID			04020294-05		04020294-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1242			Not detected	0.2	Not detected	0.2
PCB 1248			Not detected	0.2	Not detected	0.2
PCB 1254			Not detected	0.2	Not detected	0.2
PCB 1260		-	Not detected	0.2	Not detected	0.2
PCB, Total	· · · · · · · · · · · · · · · · · · ·		Not detected	0.2	Not detected	0.2
Metals, Target Analyte	SW846-6010	ug/L				
List(Dissolved)						
Aluminum			60.0	5.0	40.6	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			391	10.0	284	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			110000	20.0	97600	20.0
Chromium			6.2	5.0	Not detected	5.0
Cobalt			22.2	5.0	Not detected	5.0
Copper			Not detected	5.0	Not detected	5.0
Iron			459	5.0	15.4	5.0
Lead			3.0	3.0	8.2	3.0
Magnesium			35400	10.0	22800	10.0
Manganese			7620	5.0	131	5.0
Nickel			5.4	5.0	5.4	5.0
Potassium			17800	30.0	11100	30.0
Selenium			13.4	10.0	Not detected	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium		-	122000	50.0	120000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			Not detected	10.0	Not detected	10.0
Zinc			Not detected	20.0	Not detected	20.0
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Target Analyte List(TAL)	SW846-6010	ug/L				
Aluminum			12300	5.0	13800	5.0
Antimony			5.6	5.0	Not detected	5.0
Arsenic	• • • • • • • •		Not detected	10.0	Not detected	10.0
Barium		-	1380	10.0	1170	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			148000	20.0	383000	20.0
Chromium		1	230	5.0	127	5.0
Cobalt			713	5.0	15.4	5.0
Copper			50.4	5.0	11.8	5.0
Iron	· · · · · · · · · · · · · · · · · · ·		185000	5.0	41700	5.0
Lead			327	3.0	6480	3.0
Magnesium			43400	10.0	47900	10.0
Manganese			9580	5.0	1220	5.0
Nickel			81.4	5.0	61.8	5.0
Potassium			20800	30.0	13900	30.0
Selenium			23.5	10.0	11.4	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			148000	50.0	132000	50.0
Thallium			Not detected	10.0	Not detected	10.0
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## YORK

Client Sample ID		1	GP-24		GP-25	1
York Sample ID			04020294-05		04020294-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Vanadium			72.5	10.0	51.7	10.0
Zinc			18300	20.0	2820	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002	0.0009	0.0002

Client Sample ID			GP-26	
York Sample ID			04020294-07	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L		
4,4'-DDD			Not detected	0.05
4,4'-DDE			Not detected	0.05
4,4'-DDT			Not detected	0.05
Aldrin			Not detected	0.05
alpha-BHC			Not detected	0.05
beta-BHC		T	Not detected	0.05
Chlordane			Not detected	0.2
delta-BHC			Not detected	0.05
Dieldrin			Not detected	0.05
Endosulfan I			Not detected	0.05
Endosulfan II			Not detected	0.05
Endosulfan sulfate			Not detected	0.05
Endrin			Not detected	0.05
Endrin aldehyde			Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05
Heptachlor			Not detected	0.05
Heptachlor epoxide			Not detected	0.05
Methoxychlor			Not detected	0.2
Toxaphene			Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L		
1,1,1,2-Tetrachloroethane			Not detected	1
1,1,1-Trichloroethane			Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1
1,1,2-Trichloroethane			Not detected	1
1,1-Dichloroethane			Not detected	1
1,1-Dichloroethylene			Not detected	1
1,1-Dichloropropylene			Not detected	1
1,2,3-Trichlorobenzene			Not detected	1
1,2,3-Trichloropropane			Not detected	1
1,2,3-Trimethylbenzene			Not detected	1
1,2,4-Trichlorobenzene			Not detected	1
1,2,4-Trimethylbenzene			Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1
1,2-Dibromoethane			Not detected	1
1,2-Dichlorobenzene			Not detected	1
1,2-Dichloroethane			Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1
1,2-Dichloropropane			Not detected	1
1,3,5-Trimethylbenzene	1		Not detected	1
1,3-Dichlorobenzene			Not detected	1



York Sample ID     04020294-07       Matrix     WATER       Parameter     Method       1,3-Dichloropropane     Not detected       1.4-Dichloropropane     Not detected       2,2-Dichloropropane     Not detected       2,2-Dichloropropane     Not detected       2,2-Dichloropropane     Not detected       2,2-Dichloropropane     Not detected       4-Chlorotoluene     Not detected       Benzene     Not detected       Bromohenzene     Not detected       Chlorobenzene     Not detected       Chloroberzene     Not detected       Dibromorthane     Not detected       Dibromorthane	Client Sample ID			GP-26	
Matrix     WATER       Parameter     Method     Units     Results     MDL       1.3-Dichloropopane     Not detected     1 <th>York Sample ID</th> <th></th> <th></th> <th>04020294-07</th> <th></th>	York Sample ID			04020294-07	
Parameter     Method     Units     Results     MDL       1,3-Dichloropropane     Not detected     1       1-Chlorohexane     Not detected     1       2,2-Dichloropropane     Not detected     1       2,2-Dichloropropane     Not detected     1       2-Chlorotoluene     Not detected     1       4-Chlorotoluene     Not detected     1       Benzene     Not detected     1       Bromochloromethane     Not detected     1       Bromodichloromethane     Not detected     1       Bromoform     Not detected     1       Chlorobenzene     Not detected     1       Chlorooftnane     Not detected     1       Chlorooftnane     Not detected     1       Chlorooftnane     Not detected     1       Dibromorthane     Not detected     1	Matrix			WATER	
1,3-Dichloropropane   Not detected   1     1,4-Dichlorobenzene   Not detected   1     1,2-Dichloropropane   Not detected   1     2,2-Dichloropropane   Not detected   1     4-Chlorotoluene   Not detected   1     4-Chlorotoluene   Not detected   1     Benzene   Not detected   1     Bromobenzene   Not detected   1     Bromodichloromethane   Not detected   1     Bromodichloromethane   Not detected   1     Bromodichloromethane   Not detected   1     Chlorobenzene   Not detected   1     Dibromochloromethane   Not detected   1     Dibromochloromethane   Not detected   1     Dibrom	Parameter	Method	Units	Results	MDL
1,4-Dichlorobenzene   Not detected   1     1-Chlorohexane   Not detected   1     2,2-Dichloropropane   Not detected   1     2,2-Dichloropropane   Not detected   1     3-Chlorotoluene   Not detected   1     4-Chlorotoluene   Not detected   1     Benzene   Not detected   1     Bromobenzene   Not detected   1     Bromodichloromethane   Not detected   1     Bromomethane   Not detected   1     Bromomethane   Not detected   1     Chlorobenzene   Not detected   1     Chlorophrane   Not detected   1     Dibronomethane   Not detected   1     Dibronomethane   Not detected   1     Dibronomethane   Not detected <td>1,3-Dichloropropane</td> <td></td> <td></td> <td>Not detected</td> <td>1</td>	1,3-Dichloropropane			Not detected	1
1-Chlorohexane   Not detected   1     2,2-Dichloropropane   Not detected   1     2,2-Dichloropropane   Not detected   1     4-Chlorotoluene   Not detected   1     Benzene   Not detected   1     Bromobenzene   Not detected   1     Bromochloromethane   Not detected   1     Bromochloromethane   Not detected   1     Bromothane   Not detected   1     Chorotonethane   Not detected   1     Choroform   Not detected   1     Chlorobenzene   Not detected   1     Chloroform   Not detected   1     Chloroform   Not detected   1     Chloroform   Not detected   1     Dibromochloromethane   Not detected   1     Dibromochlorometh	1,4-Dichlorobenzene			Not detected	1
2,2-Dichloropropane   Not detected   1     2-Chlorotoluene   Not detected   1     4-Chlorotoluene   Not detected   1     Benzene   Not detected   1     Bromochloromethane   Not detected   1     Bromoform   Not detected   1     Bromoform   Not detected   1     Bromoform   Not detected   1     Carbon tetrachloride   Not detected   1     Chlorobenzene   Not detected   1     Chloroform   Not detected   1     Chloroform   Not detected   1     Chloropethane   Not detected   1     Chloropethane   Not detected   1     Chloropethane   Not detected   1     Dibromomethane   Not detected   1     Benzene   Not detected   1     Methylene   Not detected   1 <	1-Chlorohexane	· · ·		Not detected	1
2-Chlorotoluene   Not detected   1     4-Chlorotoluene   Not detected   1     Benzene   Not detected   1     Bromochloromethane   Not detected   1     Bromodichloromethane   Not detected   1     Bromomethane   Not detected   1     Bromomethane   Not detected   1     Carbon tetrachloride   Not detected   1     Chlorobenzene   Not detected   1     Dibromonethane   Not detected   1     Hexachlorobutadiene   Not detected   1     Hexachlorobutadiene   Not detected   1     Not detected   1<	2.2-Dichloropropane		•	Not detected	1
4-Chlorotoluene   Not detected   1     Benzene   Not detected   1     Bromobenzene   Not detected   1     Bromochloromethane   Not detected   1     Bromofichloromethane   Not detected   1     Bromoform   Not detected   1     Bromoform   Not detected   1     Carbon tetrachloride   Not detected   1     Chlorobenzene   Not detected   1     Chloromethane   Not detected   1     Dibromonchloromethane   Not detected   1     Diblorodifluoromethane   Not detected   1     Hexachlorobutadiene   Not detected   1     Hexachlorobutadiene   Not detected   1     Mettylene chloride   Not detected   1     Mettylene chloride   Not detected   1     Naphthalene   Not detected   1     n-Butylbenzene	2-Chlorotoluene			Not detected	1
Benzene Not detected 1   Bromobenzene Not detected 1   Bromochloromethane Not detected 1   Bromodichloromethane Not detected 1   Bromodichloromethane Not detected 1   Bromodichloromethane Not detected 1   Carbon tetrachloride Not detected 1   Chorobenzene Not detected 1   Chlorobenzene Not detected 1   Chlorobenzene Not detected 1   Chlorobenzene Not detected 1   Chloromethane Not detected 1   Dibromochloromethane Not detected 1   Dibromomethane Not detected 1   Dibromomethane Not detected 1   Dibromomethane Not detected 1   Benzene Not detected 1   Methylenzene Not detected 1   Methylenzene Not detected 1   Methylenzene Not detected 1   Net detected 1 Not detected 1   Net detected 1 Not detected 1   Not detected 1 Not detected 1   Methylenzene Not detected	4-Chlorotoluene			Not detected	
Bromobenzene Not detected 1   Bromochioromethane Not detected 1   Bromoform Not detected 1   Bromomethane Not detected 1   Bromomethane Not detected 1   Chorobenterachloride Not detected 1   Chorobenterachloride Not detected 1   Chorobenzene Not detected 1   Choromethane Not detected 1   Dibromochloromethane Not detected 1   Dibromochloromethane Not detected 1   Dibromochloromethane Not detected 1   Hexachlorobutadiene Not detected 1   Methylenzene Not detected 1   Methylenzene Not detected 1   Naphthalene Not detected 1   n-Propylbenzene Not detected 1   p-Isopropyloluene Not detected 1   p-Isopropyloluene Not detected 1   Totaloroethylene Not detected 1	Benzene			Not detected	1
Bromochloromethane     Not detected     1       Bromofichloromethane     Not detected     1       Bromofichloromethane     Not detected     1       Bromomethane     Not detected     1       Carbon tetrachloride     Not detected     1       Chlorobenzene     Not detected     1       Chlorobenzene     Not detected     1       Chloromethane     Not detected     1       Chloromethane     Not detected     1       Dibromochloromethane     Not detected     1       Dibromochloromethane     Not detected     1       Dichlorodifluoromethane     Not detected     1       Hexachlorobutadiene     Not detected     1       Bromylbenzene     Not detected     1       Methylbenzene     Not detected     1       Naphthalene     Not detected     1       Naphthalene     Not detected     1       n-Propylbenzene     Not detected     1       p-& m-Xylene     Not detected     1       p-fsopropylbourene     Not detected     1 <tr< td=""><td>Bromobenzene</td><td></td><td></td><td>Not detected</td><td><u>1</u></td></tr<>	Bromobenzene			Not detected	<u>1</u>
Bromodichloromethane     Not detected     1       Bromonform     Not detected     1       Bromomethane     Not detected     1       Carbon tetrachloride     Not detected     1       Chlorobenzene     Not detected     1       Chlorobenzene     Not detected     1       Chloroform     Not detected     1       Chloromethane     Not detected     1       Chloromethane     Not detected     1       Dibromochloromethane     Not detected     1       Dibromochloromethane     Not detected     1       Dibromochloromethane     Not detected     1       Dibromochloromethane     Not detected     1       Bromylphenzene     Not detected     1       Hexachlorobutadiene     Not detected     1       Methylene chloride     Not detected     1       Negylbenzene     Not detected     1       Negylbenzene     Not detected     1       n-Putylbenzene     Not detected     1       n-Propylbenzene     Not detected     1	Bromochloromethane			Not detected	<u>1</u>
Bromoform     Not detected     1       Bromomethane     Not detected     1       Carbon tetrachloride     Not detected     1       Chlorobenzene     Not detected     1       Chlorobenzene     Not detected     1       Chlorobenzene     Not detected     1       Chloromethane     Not detected     1       Chloromethane     Not detected     1       Dibromochloromethane     Not detected     1       Hexachlorobutatiene     Not detected     1       Naphtalene     Not detected     1       Naphtalene     Not detected     1       n-Propylbenzene     Not detected     1       p-logpropyltoluene     Not detected     1 <t< td=""><td>Bromodichloromethane</td><td></td><td></td><td>Not detected</td><td>1</td></t<>	Bromodichloromethane			Not detected	1
BromomethaneNot dietectedBromomethaneNot dietectedCarbon tetrachlorideNot detectedChlorobenzeneNot detectedChlorobenzeneNot detectedChlorobenzeneNot detectedChloropethaneNot detectedChloropethaneNot detectedChloromethaneNot detectedDibromomethaneNot detectedDibromomethaneNot detectedDibromomethaneNot detectedDibromomethaneNot detectedDibromomethaneNot detectedItalianeNot detectedDibromomethaneNot detectedDibromomethaneNot detectedDibromomethaneNot detectedItalianeNot detectedIta	Bromoform			Not detected	<u> </u>
Carbon tetrachlorideNot detected1ChlorobenzeneNot detected1ChlorobenzeneNot detected1ChlorobenzeneNot detected1ChloroformNot detected1ChloroformNot detected1ChloromethaneNot detected1DibromochloromethaneNot detected1DibromomethaneNot detected1DibromomethaneNot detected1EthylbenzeneNot detected1HexachlorobutadieneNot detected1Mettylene chlorideNot detected1NaphthaleneNot detected1NaphthaleneNot detected1n-ButylbenzeneNot detected1n-PropylbenzeneNot detected1n-PropylbenzeneNot detected1n-PropylbenzeneNot detected1n-PropylbenzeneNot detected1n-PropylbenzeneNot detected1p-& m-XylenesNot detected1sc-ButylbenzeneNot detected1TolueneNot detected1TrichloroethyleneNot detected1TrichlorofluoromethaneNot detected1TrichlorofluoromethaneNot detected1TrichlorofluoromethaneNot detected1TrichlorofluoromethaneNot detected1TrichlorofluoromethaneNot detected1TrichlorofluoromethaneNot detected1Trichlorofluoromethane	Bromomethane		-	Not detected	1
Chlorobenzene   Not detected   1     Dibromochloromethane   Not detected   1     Dibromochloromethane   Not detected   1     Dibromochloromethane   Not detected   1     Dibromochloromethane   Not detected   1     Dibromomethane   Not detected   1     Hexachlorobutadiene   Not detected   1     Methylene chloride   Not detected   1     Maphthalene   Not detected   1     n-Propylbenzene   Not detected   1     n-Propylbenzene   Not detected   1     p-& em-Xylene   Not detected   1     p-laopropyltoluene   Not detected   1     p-laopropyltoluene   Not detected   1     p-laopropyltoluene   Not detected   1     Toluene   Not detected   1     Totuene <td>Carbon tetrachloride</td> <td></td> <td></td> <td>Not detected</td> <td>1</td>	Carbon tetrachloride			Not detected	1
Chloroethane   Not detected   1     Chloroethane   Not detected   1     Chloromethane   Not detected   1     Cis-1,3-Dichloropropylene   Not detected   1     Dibromochloromethane   Not detected   1     Dibromochloromethane   Not detected   1     Dibromomethane   Not detected   1     Hexachlorobutadiene   Not detected   1     Hexachlorobutadiene   Not detected   1     Methylene chloride   Not detected   1     Methylene chloride   Not detected   1     n-Butylbenzene   Not detected   1     n-Propylbenzene   Not detected   1     n-Propylbenzene   Not detected   1     n-Propylbenzene   Not detected   1     n-Propylbenzene   Not detected   1     p-& m-Xylene   Not detected   1     p-se-m-Xylene   Not detected   1     sec-Butylbenzene   Not detected   1     Tolune   Not detected   1     Tetrachloroethylene   Not detected   1     Trich	Chlorobenzene			Not detected	1
Chloroform   Not detected   1     Chloroform   Not detected   1     Cis-1,3-Dichloropropylene   Not detected   1     Dibromochloromethane   Not detected   1     Dibromomethane   Not detected   1     Dibromomethane   Not detected   1     Dibromomethane   Not detected   1     Hexachlorobutadiene   Not detected   1     Isopropylbenzene   Not detected   1     Methylene chloride   Not detected   1     Methylene chloride   Not detected   1     n-Butylbenzene   Not detected   1     n-Propylbenzene   Not detected   1     n-Propylbenzene   Not detected   1     o-Xylene   Not detected   1     p-& m-Xylenes   Not detected   1     sec-Butylbenzene   Not detected   1     Styrene   Not detected   1     Trichlorofurophylene   Not detected   1     Trichlorofurophylene   Not detected   1     Trichlorofurophylene   Not detected   1     Trichloro	Chloroethane			Not detected	1
ChloromethaneNot detected1ChloromethaneNot detected1DibromochloromethaneNot detected1DibromochloromethaneNot detected1DichlorodifluoromethaneNot detected1EthylbenzeneNot detected1HexachlorobutadieneNot detected1IsopropylbenzeneNot detected1Methylene chlorideNot detected1MaphthaleneNot detected1NaphthaleneNot detected1n-PropylbenzeneNot detected1n-PropylbenzeneNot detected1n-PropylbenzeneNot detected1o-XyleneNot detected1p-& m-XylenesNot detected1sc-ButylbenzeneNot detected1StyreneNot detected1TetrachloroethyleneNot detected1TetrachloroethyleneNot detected1TrichlorofloromethaneNot detected1TrichloromethyleneNot detected1TrichloromethyleneNot detected1TrichloromethyleneNot detected1TrichloroflorinomethaneNot detected1Vinyl chlorideNot detected1Mot detected11TrichloromethyleneNot detected1TrichlorofloromethaneNot detected1OlueneNot detected1TrichlorofloromethaneNot detected1OlueneNot detected <td>Chloroform</td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td>Not detected</td> <td>1</td>	Chloroform	· · · · · · · · · · · · · · · · · · ·		Not detected	1
Cisilionopropylene   Not detected   1     Dibromochloropropylene   Not detected   1     Dibromochloromethane   Not detected   1     Dibromomethane   Not detected   1     Dibromomethane   Not detected   1     Dibromomethane   Not detected   1     Ethylbenzene   Not detected   1     Hexachlorobutadiene   Not detected   1     Methylene chloride   Not detected   1     Methylene chloride   Not detected   1     n-Butylbenzene   Not detected   1     n-Propylbenzene   Not detected   1     o-Xylene   Not detected   1     o-Xylene   Not detected   1     p-&m-Xylenes   Not detected   1     sec-Butylbenzene   Not detected   1     Styrene   Not detected   1     Trichloropropylene   Not detected   1     Trichloropropylene   Not detected   1     Trichloropropylene   Not detected   1     Trichloropropylene   Not detected   1     Trichloropropy	Chloromethana			Not detected	
Cis+1,3-DichloropropyleneNot detectedDibromochloromethaneNot detectedDibromochloromethaneNot detectedDichlorodifluoromethaneNot detectedEthylbenzeneNot detectedHexachlorobutadieneNot detectedIsopropylbenzeneNot detectedMethylene chlorideNot detectedMethylene chlorideNot detectedNaphthaleneNot detectedn-ButylbenzeneNot detectedn-ButylbenzeneNot detectedn-PropylbenzeneNot detectedn-PropylbenzeneNot detectedn-PropylbenzeneNot detectedn-PropylbenzeneNot detected1p-& m-XylenesNot detected1sec-ButylbenzeneNot detected1TerachloroethyleneNot detected1TerachloroethyleneNot detectedTolueneNot detectedTrichlorofluoromethaneNot detectedTrichlorofluoromethaneNot detectedVingl chlorideNot detectedNot detected1Not detected1TrichlorofluoromethaneNot detectedNot detected1Not detected1Not detected1TrichlorofluoromethaneNot detectedNot detected1DibenzeneNot detectedNot detected1TrichlorofluoromethaneNot detectedNot detected1DibenzeneNot detectedDibenzeneNot detected </td <td>cia 1.2 Dichloropropulono</td> <td></td> <td></td> <td>Not detected</td> <td><u> </u></td>	cia 1.2 Dichloropropulono			Not detected	<u> </u>
Dibromethane   Not detected   1     Dibromethane   Not detected   1     Ethylbenzene   Not detected   1     Hexachlorobutadiene   Not detected   1     Isopropylbenzene   Not detected   1     Methylene chloride   Not detected   1     Methylene chloride   Not detected   1     n-Butylbenzene   Not detected   1     n-Propylbenzene   Not detected   1     n-Propylbenzene   Not detected   1     o-Xylene   Not detected   1     p-& m-Xylenes   Not detected   1     p-sopropyltoluene   Not detected   1     sec-Butylbenzene   Not detected   1     Tetrachloroethylene   Not detected   1     Tetrachloroethylene   Not detected   1     Trichlorofnuoromethane   Not detected   1     Trichloroethylene   Not detected   1     Trichloroethylene   Not detected   1     Trichloroethylene   Not detected   1     Trichlorofluoromethane   Not detected   1     <	Dibromachlanamathana			Not detected	I
DicklorodifluoromethaneNot detected1EthylbenzeneNot detected1HexachlorobutadieneNot detected1IsopropylbenzeneNot detected1Methylene chlorideNot detected1MaphthaleneNot detected1n-ButylbenzeneNot detected1n-ButylbenzeneNot detected1n-PropylbenzeneNot detected1n-PropylbenzeneNot detected1o-XyleneNot detected1p-&m-XylenesNot detected1p-&m-XyleneNot detected1sec-ButylbenzeneNot detected1TetrachloroethyleneNot detected1TolueneNot detected1TrichloropropyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1Vinyl chlorideNot detected1AcenaphthyleneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]hjuorantheneNot detected10Benzo[a]hjuorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluora	Dibromocnioromethane			Not detected	<u> </u>
DichlorodinuloromethaneNot detected1EthylbenzeneNot detected1HexachlorobutadieneNot detected1IsopropylbenzeneNot detected1Methylene chlorideNot detected1MaphthaleneNot detected1n-ButylbenzeneNot detected1n-PropylbenzeneNot detected1o-XyleneNot detected1p-& m-XylenesNot detected1p-& m-XyleneNot detected1getseneNot detected1sec-ButylbenzeneNot detected1TetrachloroethyleneNot detected1TetrachloroethyleneNot detected1TrichlorofluoromethaneNot detected1TrichlorofluoromethaneNot detected1Vinyl chlorideSty846-8270ug/LAcenaphtheneNot detected1OffenzeneNot detected1OffenzeneNot detected1TrichlorofluoromethaneNot detected1OffenzeneNot det	Dibromometnane			Not detected	
Entry IberZeneNot detected1HexachlorobutadieneNot detected1IsopropylbenzeneNot detected1Methylene chlorideNot detected1Image: Not detected11NaphthaleneNot detected1n-ButylbenzeneNot detected1n-PropylbenzeneNot detected1o-XyleneNot detected1p-& m-XylenesNot detected1p-& m-XylenesNot detected1sec-ButylbenzeneNot detected1styreneNot detected1styreneNot detected1TetrachloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1Opynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphthyleneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo	Dichlorodifluoromethane			Not detected	- 1
Hexachiorobutadiene   Not detected   1     Isopropylbenzene   Not detected   1     Methylene chloride   Not detected   1     Naphthalene   Not detected   1     n-Butylbenzene   Not detected   1     n-Propylbenzene   Not detected   1     o-Xylene   Not detected   1     p-& m-Xylenes   Not detected   1     p-Isopropyltoluene   Not detected   1     sec-Butylbenzene   Not detected   1     Styrene   Not detected   1     Tetrachloroethylene   Not detected   1     Trichloroethylene   Not detected   1     Trichlorofluoromethane   Not detected   1     Vinyl chloride   Not detected   1     Polynuclear Aromatic Hydroc.(BN)   SW846-8270   ug/L      Acenaphthylene   Not detected   10	Ethylbenzene			Not detected	1
IsopropylbenzeneNot detected1Methylene chlorideNot detected1NaphthaleneNot detected1n-ButylbenzeneNot detected1n-PropylbenzeneNot detected1o-XyleneNot detected1p-& m-XyleneNot detected1p-& m-XyleneNot detected1p-kem-XyleneNot detected1sec-ButylbenzeneNot detected1sec-ButylbenzeneNot detected1tert-ButylbenzeneNot detected1TetrachloroethyleneNot detected1TolueneNot detected1TrichlorofluoromethaneNot detected1TrichlorofluoromethaneNot detected1Vinyl chlorideSW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]hluorantheneNot detected10Benzo[k]hluorantheneNot detected10Benzo[k]hluorantheneNot detected10Benzo[k]hluorantheneNot detected10Benzo[k]hluorantheneNot detected10Benzo[k]hluorantheneNot detected10Benzo[k]hluorantheneNot detected10Benzo[k]hluorantheneNot detected10Benzo[k]hluorantheneNot detected <td>Hexachlorobutadiene</td> <td></td> <td></td> <td>Not detected</td> <td>1</td>	Hexachlorobutadiene			Not detected	1
Methylene chloride   Not detected   1     Naphthalene   Not detected   1     n-Butylbenzene   Not detected   1     n-Propylbenzene   Not detected   1     o-Xylene   Not detected   1     p-&m-Xylenes   Not detected   1     p-&m-Xylenes   Not detected   1     p-&m-Xylenes   Not detected   1     sec-Butylbenzene   Not detected   1     Styrene   Not detected   1     Tetrachloroethylene   Not detected   1     Toluene   Not detected   1     Trichloroethylene   Not detected   1     Trichloroethylene   Not detected   1     Trichlorofluoromethane   Not detected   1     Vinjl chloride   Not detected   1     Polynuclear Aromatic Hydroc.(BN)   SW846-8270   ug/L      Acenaphthene   Not detected   10   10     Benzo[a]anthracene   Not detected   10     Benzo[a]anthracene   Not detected   10     Benzo[k]fluoranthene   Not detected   10	Isopropylbenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	1
NaphthaleneNot detected1n-ButylbenzeneNot detected1n-PropylbenzeneNot detected1o-XyleneNot detected1p- & m-XylenesNot detected1p- LsopropyltolueneNot detected1sec-ButylbenzeneNot detected1sec-ButylbenzeneNot detected1itert-ButylbenzeneNot detected1TetrachloroethyleneNot detected1TrichloroethyleneNot detected1TrichlorofluoromethaneNot detected1TrichlorofluoromethaneNot detected1Vinyl chlorideNot detected1AcenaphtheneNot detected10AcenaphtheneNot detected10Benzo[a]antraceneNot detected10Benzo[a]antraceneNot detected10Benzo[b]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[k]fluorantheneNot detected10Dibenz[k]fluorantheneNot detected10Dibenz[k]fluorantheneNot detected10Dibenz[k]fluorantheneNot detected10Dibenz[k]fluorantheneNot detected10Dibenz[k]fluorantheneNot detected10Dibenz[k]fluora	Methylene chloride			Not detected	1
n-Burybenzene   Not detected   1     n-Propylbenzene   Not detected   1     o-Xylene   Not detected   1     p-&m-Xylenes   Not detected   1     p-lsopropyltoluene   Not detected   1     sec-Butylbenzene   Not detected   1     Styrene   Not detected   1     Tetrachloroethylene   Not detected   1     Tetrachloroethylene   Not detected   1     Trichloropropylene   Not detected   1     Trichlorofluoromethane   Not detected   1     Vinyl chloride   Not detected   1     Polynuclear Aromatic Hydroc.(BN)   SW846-8270   ug/L      Acenaphthene   Not detected   10     Acenaphthylene   Not detected   10     Benzo[a]antracene   Not detected   10     Benzo[a]pyrene   Not detected   10     Benzo[a]pyrene   Not detected   10     Benzo[a]anthracene   Not detected   10     Benzo[a]anthracene   Not detected   10     Benzo[b]fluoranthene   Not detected   10 </td <td>Naphthalene</td> <td></td> <td></td> <td>Not detected</td> <td>1</td>	Naphthalene			Not detected	1
n-PropylenzeneNot detected1o-XyleneNot detected1p-& m-XylenesNot detected1p-lsopropyltolueneNot detected1sec-ButylbenzeneNot detected1ftert-ButylbenzeneNot detected1TetrachloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichlorofluoromethaneNot detected1Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]hyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Denzo[k]fluorantheneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10 </td <td>n-Butylbenzene</td> <td></td> <td></td> <td>Not detected</td> <td>1</td>	n-Butylbenzene			Not detected	1
o-XyleneNot detected1p-& m-XylenesNot detected1p-IsopropyltolueneNot detected1sec-ButylbenzeneNot detected1ftert-ButylbenzeneNot detected1TetrachloroethyleneNot detected1TolueneNot detected1TrinchloroethyleneNot detected1TrinchloroethyleneNot detected1TrinchloroethyleneNot detected1TrichlorofhuoromethaneNot detected1Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphtheneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k,fi]peryleneNot detected10Benzo[k,fi]peryleneNot detected10Denzo[k,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10	n-Propylbenzene			Not detected	1
p- & m-XytenesNot detected1p-IsopropyltolueneNot detected1sec-ButylbenzeneNot detected1ftert-ButylbenzeneNot detected1tert-ButylbenzeneNot detected1tert-ButylbenzeneNot detected1TetrachloroethyleneNot detected1TolueneNot detected1trans-1,3-DichloropropyleneNot detected1TrichlorofhuoroethyleneNot detected1TrichlorofhuoromethaneNot detected1Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[b]fluorantheneNot detected10Benzo[b]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Denzo[k]fluorantheneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10	0-Xylene	· · · · · · · · · · · · · · · · · · ·		Not detected	1
p-IsopropyltolueneNot detected1sec-ButylbenzeneNot detected1StyreneNot detected1tert-ButylbenzeneNot detected1TetrachloroethyleneNot detected1TolueneNot detected1trans-1,3-DichloropropyleneNot detected1TrichloroethyleneNot detected1TrichlorofluoromethaneNot detected1Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[b]fluorantheneNot detected10Benzo[b]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10	<u>p- &amp; m-Xylenes</u>	· · · · · · · · · · · · · · · · · · ·	·	Not detected	1
sec-ButylbenzeneNot detected1StyreneNot detected1tert-ButylbenzeneNot detected1TetrachloroethyleneNot detected1TolueneNot detected1trans-1,3-DichloropropyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichlorofluoromethaneNot detected1Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10	p-Isopropyltoluene			Not detected	1
StyreneNot detected1tert-ButylbenzeneNot detected1TetrachloroethyleneNot detected1TolueneNot detected1trans-1,3-DichloropropyleneNot detected1TrichloroethyleneNot detected1TrichloroethyleneNot detected1TrichlorofluoromethaneNot detected1Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[k]fluorantheneNot detected10	sec-Butylbenzene			Not detected	1
tert-ButylbenzeneNot detected1TetrachloroethyleneNot detected1TolueneNot detected1trans-1,3-DichloropropyleneNot detected1TrichloroethyleneNot detected1TrichlorofluoromethaneNot detected1Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10	Styrene			Not detected	1
TetrachloroethyleneNot detected1TolueneNot detected1trans-1,3-DichloropropyleneNot detected1TrichloroethyleneNot detected1TrichlorofluoromethaneNot detected1Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[b]fluorantheneNot detected10Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[a,h]anthraceneNot detected10	tert-Butylbenzene			Not detected	1
TolueneNot detected1trans-1,3-DichloropropyleneNot detected1TrichloroethyleneNot detected1TrichlorofluoromethaneNot detected1Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[b]fluorantheneNot detected10Benzo[b]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[a,h]anthraceneNot detected10Dibenz[a,h]anthraceneNot detected10	Tetrachloroethylene			Not detected	1
trans-1,3-DichloropropyleneNot detected1TrichloroethyleneNot detected1TrichlorofluoromethaneNot detected1Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[k,h]anthraceneNot detected10	Toluene			Not detected	1
TrichloroethyleneNot detected1TrichlorofluoromethaneNot detected1Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[k,h]anthraceneNot detected10	trans-1,3-Dichloropropylene			Not detected	1
TrichlorofluoromethaneNot detected1Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10ActiveNot detected10ActiveNot detected10AcenaphthyleneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10Dibenzo[k]fluorantheneNot detected10ChyrseneNot detected10Dibenz[a,h]anthraceneNot detected10	Trichloroethylene			Not detected	1
Vinyl chlorideNot detected1Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10ActiveAcenaphthyleneNot detectedAnthraceneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[a,h]anthraceneNot detected10	Trichlorofluoromethane			Not detected	1
Polynuclear Aromatic Hydroc.(BN)SW846-8270ug/LAcenaphtheneNot detected10AcenaphthyleneNot detected10AnthraceneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[k,h]anthraceneNot detected10	Vinyl chloride			Not detected	1
AcenaphtheneNot detected10AcenaphthyleneNot detected10AnthraceneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[a,h]anthraceneNot detected10	Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L		
AcenaphtyleneNot detected10AnthraceneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[a,h]anthraceneNot detected10	Acenaphthene			Not detected	10
AnthraceneNot detected10Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10Dibenz[a,h]anthraceneNot detected10	Acenaphthylene			Not detected	10
Benzo[a]anthraceneNot detected10Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10Benzo[k]fluorantheneNot detected10ChyrseneNot detected10Dibenz[a,h]anthraceneNot detected10	Anthracene			Not detected	10
Benzo[a]pyreneNot detected10Benzo[b]fluorantheneNot detected10Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10ChyrseneNot detected10Dibenz[a,h]anthraceneNot detected10	Benzo[a]anthracene			Not detected	10
Benzo[b]fluorantheneNot detected10Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10ChyrseneNot detected10Dibenz[a,h]anthraceneNot detected10	Benzo[a]pyrene			Not detected	10
Benzo[g,h,i]peryleneNot detected10Benzo[k]fluorantheneNot detected10ChyrseneNot detected10Dibenz[a,h]anthraceneNot detected10	Benzo[b]fluoranthene			Not detected	10
Benzo[k]fluoranthene Not detected 10   Chyrsene Not detected 10   Dibenz[a,h]anthracene Not detected 10	Benzo[g,h,i]perylene			Not detected	10
Chyrsene     Not detected     10       Dibenz[a,h]anthracene     Not detected     10	Benzo[k]fluoranthene			Not detected	10
Dibenz[a,h]anthracene Not detected 10	Chyrsene	· · · · · · · · · · · · · · · · · · ·		Not detected	10
	Dibenz[a,h]anthracene	· · · · · · · · · · · · · · · · · · ·	<u> </u>	Not detected	10



York Sample ID     04020294.07       Matrix     WATER       Parameter     Method     Units     Results     MDL       Fluorantene     Not detected     10     Not detected     10       Indeno[1,2,3-cd]pyrene     Not detected     10     Not detected     10       Naphthalene     Not detected     10     Not detected     10       Phorene     Not detected     10     Not detected     10       PCB     SW846-3510C/8082     ug/L	Client Sample ID		T	GP-26	
Matrix     Wethod     WATER       Parameter     Method     Units     Results     MDL       Fluoranthene     Not detected     10     Not detected     10       Indenol,2,3-cd]pyrene     Not detected     10     Not detected     10       Naphthalene     Not detected     10     Not detected     10       Phenarthrene     Not detected     10     Not detected     10       PCB     SW846-3510C/8082     ug/L         PCB 1016     SW846-3510C/8082     ug/L         PCB 121     Not detected     0.2     Not detected     0.2       PCB 124     Not detected     0.2     Not detected     0.2       PCB 1242     Not detected     0.2     Not detected     0.2       PCB 1260     Wot detected     0.2     Not detected     0.2       PCB 1261     SW846-6010     ug/L         Aluminum     61.5     10.0     Not detected     10.0       Barjum     61.5	York Sample ID			04020294-07	
Parameter     Method     Units     Results     MDL       Fluoranthene     Not detected     10       Indeno[1,2,3-cd]pyrene     Not detected     10       Namphtalene     Not detected     10       Phenanthrene     Not detected     10       Preme     Not detected     10       Pyrene     Not detected     0.2       PCB 1016     SW846-3510C/8082     ug/L        PCB 121     Not detected     0.2       PCB 1221     Not detected     0.2       PCB 1242     Not detected     0.2       PCB 1248     Not detected     0.2       Metals, Target Analyte List(Disolved)     SW846-6010     ug/L        Aluminum     61.5     10.0     10.0       Barium     Not detected     5.0     10.0       Barium     Not	Matrix		· · · · · · · · · · · · · · · · · · ·	WATER	l
Fluoranthene     Native     N	Parameter	Method	Units	Results	MDI
Fluorene     Not detected     10       Indeno[1,2,3-cd]pyrene     Not detected     10       Naphthalene     Not detected     10       Phenanthrene     Not detected     10       Pyrene     Not detected     10       PCB     SW846-3510C/8082     ug/L        PCB     SW846-3510C/8082     ug/L        PCB 1221     Not detected     0.2       PCB 1221     Not detected     0.2       PCB 1242     Not detected     0.2       PCB 1248     Not detected     0.2       PCB 1260     Not detected     0.2       Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L        Atuminum     6.1.5     10.0     0	Fluoranthene			Not detected	10
Indeno[1,2,3-cd]pyrene     Not detected     10       Naphthalene     Not detected     10       Phenanthrene     Not detected     10       Pyrene     Not detected     10       PCB     SW846-3510C/8082     ug/L        PCB 1016     Not detected     0.2       PCB 1221     Not detected     0.2       PCB 1232     Not detected     0.2       PCB 1242     Not detected     0.2       PCB 1242     Not detected     0.2       PCB 1243     Not detected     0.2       PCB 1254     Not detected     0.2       PCB 1260     Not detected     0.2       PCB 1260     Not detected     0.2       PCB 1260     SW846-6010     ug/L        Autinium     49.6     5.0       Antimony     Not detected     10.0       Barium     61.5     10.0       Barium     Not detected     5.0       Cabeium     13000     20.0       Chronium     Not detected     5.0 <td>Fluorene</td> <td></td> <td></td> <td>Not detected</td> <td>10</td>	Fluorene			Not detected	10
Naphthalene     Not detected     10       Phenanthrene     Not detected     10       Pyrene     Not detected     10       PCB     SW846-3510C/8082     ug/L        PCB 1016     Not detected     0.2       PCB 1221     Not detected     0.2       PCB 1221     Not detected     0.2       PCB 1242     Not detected     0.2       PCB 1248     Not detected     0.2       PCB 1254     Not detected     0.2       PCB 1260     Not detected     0.2       PCB, Total     Not detected     0.2       Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L        Aluminum     61.5     10.0     0.0     3.0       Cadmium     Not detected     5.0     1.0     0.2       December     Not detected     5.0     1.0     0.0       Barium     61.5     10.0     20.0     20.0     20.0       Cabalt     Not detected     5.0     1.0     20.0     1.0	Indeno[1,2,3-cd]pyrene			Not detected	10
Phenanthrene     Not detected     10       Prene     Not detected     10       PCB     SW846-3510C/8082     ug/L        PCB     1232     Not detected     0.2       PCB     1232     Not detected     0.2       PCB     1232     Not detected     0.2       PCB     1242     Not detected     0.2       PCB     1254     Not detected     0.2       PCB     1260     Not detected     0.2       PCB     1264     Not detected     0.2       PCB     1260     Not detected     0.2       PCB, Target Analyte List(Dissolved)     SW846-6010     ug/L        Aluminum     49.6     5.0     10.0       Barylum     Not detected     5.0     10.0       Beryllium     Not detected     1.0     2.0       Cadaium     Not detected     5.0     1.0       Cadaium     Not detected     5.0     1.0       Cobalt     Not detected     5.0     1.0 <td>Naphthalene</td> <td></td> <td></td> <td>Not detected</td> <td>10</td>	Naphthalene			Not detected	10
Pyrene     Not detected     10       PCB     SW846-3510C/8082     ug/L         PCB     1016          PCB     1221     Not detected     0.2       PCB     1232     Not detected     0.2       PCB     1242     Not detected     0.2       PCB     1242     Not detected     0.2       PCB     1250     Not detected     0.2       PCB     1260     Not detected     0.2       PCB     Total     Not detected     0.2       Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L        Aluminum     61.5     10.0     0     0.0       Cabiat	Phenanthrene			Not detected	10
PCB     SW846-3510C/8082     ug/L         PCB     121     Not detected     0.2       PCB     1221     Not detected     0.2       PCB     1232     Not detected     0.2       PCB     1248     Not detected     0.2       PCB     7tal     Not detected     0.2       PCB     7tal     Not detected     0.2       Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L        Aluminum     61.5     10.0     0       Beryllium     Not detected     5.0     10.0       Beryllium     Not detected     5.0     10.0       Calcium     Not detected     5.0     10.0       Cobalt     Not detected     5.0     10.0       Cobalt     Not det	Pyrene			Not detected	10
PCB 1016     Description     Description     Description     Out detected     0.2       PCB 1232     Not detected     0.2     Not detected     0.2       PCB 1242     Not detected     0.2     PCB 1242     Not detected     0.2       PCB 1244     Not detected     0.2     PCB 1245     Not detected     0.2       PCB 1260     Not detected     0.2     PCB 1260     Not detected     0.2       Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L         Aluminum     Mot detected     5.0     Not detected     10.0       Barium     61.5     10.0     Not detected     3.0       Barium     Not detected     3.00     20.0     Chromium     Not detected     5.0       Cadminum     Not detected     5.0     Not detected     5.0     10.0     0       Cadminum     Not detected     5.0     10.0     133000     20.0     0       Chromium     Not detected     5.0     10.0     10.0     3.0     10.0	РСВ	SW846-3510C/8082	ug/L		
PCB 1221     Not detected     0.2       PCB 1232     Not detected     0.2       PCB 1242     Not detected     0.2       PCB 1248     Not detected     0.2       PCB 1254     Not detected     0.2       PCB 1250     Not detected     0.2       PCB 1260     Not detected     0.2       Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L        Aluminum     49.6     5.0       Antimony     Not detected     10.0       Barium     61.5     10.0       Beryllium     Not detected     5.0       Cadmium     Not detected     5.0       Cadmium     Not detected     5.0       Cobalt     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Cobalt     Not detected     5.0       Magnesium     32300     10.0	PCB 1016			Not detected	0.2
PCB 1232     Not detected     0.2       PCB 1242     Not detected     0.2       PCB 1248     Not detected     0.2       PCB 1254     Not detected     0.2       PCB 1260     Not detected     0.2       PCB 1261     Not detected     0.2       PCB 1260     Not detected     0.2       PCB 701     Word detected     0.2       Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L        Aluminum     SW846-6010     ug/L         Aluminum     SW846-6010     ug/L         Aluminum     SW846-6010     ug/L         Aluminum     Not detected     10.0     Barium     61.5     10.0       Barium     SW846-6010     ug/L         Calcium     I 33000     20.0     Chromium     Not detected     5.0       Copper     Not detected     5.0     Not detected     5.0     Not detected     5.0       Lead     40.3 <td>PCB 1221</td> <td></td> <td></td> <td>Not detected</td> <td>0.2</td>	PCB 1221			Not detected	0.2
PCB 1242     Not detected     0.2       PCB 1248     Not detected     0.2       PCB 1254     Not detected     0.2       PCB 1260     Not detected     0.2       PCB 1260     Not detected     0.2       Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L        Aluminum     49.6     5.0       Antimony     Not detected     10.0       Barium     61.5     10.0       Beryllium     Not detected     5.0       Cadamium     Not detected     5.0       Cadamium     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Copper     Not detected     5.0       Copper     Not detected     5.0       Copper     Not detected     5.0       Manganese     190     5.0       Not detected     5.0     5.0       Potassium     11900     30.0       Silver     Not detected     5.0       So	PCB 1232			Not detected	0.2
PCB 1248     Not detected     0.2       PCB 1254     Not detected     0.2       PCB, Total     Not detected     0.2       Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L        Aluminum     49.6     5.0       Antimony     Not detected     10.0       Barium     61.5     10.0       Beryllium     Not detected     3.0       Cadmium     Not detected     3.0       Calcium     133000     20.0       Chromium     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Copper     Not detected     5.0       Iron     Not detected     5.0       Magnesium     32300     10.0       Magnesium     32300     10.0       Magnesium     11900     30.0       Magnesium     11900     30.0       Solum     60600     50.0       Solum     Not detected     5.0       Solum	PCB 1242			Not detected	0.2
PCB 1254     Not detected     0.2       PCB 1260     Not detected     0.2       PCB, Total     Not detected     0.2       Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L        Aluminum     49.6     5.0       Antimony     Not detected     5.0       Arsenic     Not detected     10.0       Barium     61.5     10.0       Beryllium     Not detected     3.0       Cadmium     133000     20.0       Chromium     Not detected     5.0       Copper     Not detected     5.0       Copper     Not detected     5.0       Copper     Not detected     5.0       Lead     40.3     3.0       Magnesium     32300     10.0       Magnesium     1900     30.0       Selenium     Not detected     5.0       Nickel     5.6     5.0       Potassium     1900     30.0       Selenium     Not detected     10.0       Sodium     <	PCB 1248			Not detected	0.2
PCB 1260     Not detected     0.2       PCB, Total     Not detected     0.2       Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L         Aluminum     49.6     5.0          Aluminum     Value     Not detected     10.0         Barium     Not detected     10.0          Barium     Not detected     10.0          Calcium     Not detected     3.0          Calcium     Not detected     5.0          Cobalt     Not detected     5.0           Copper     Not detected     5.0           Lead     40.3     3.0           Magnesium     1900     5.0     Not detected     5.0         Not detecte	PCB 1254			Not detected	0.2
PCB, Total     Not detected     0.2       Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L         Aluminum     Wot detected     5.0         Antimony     Not detected     5.0         Antimony     Not detected     10.0         Barium     61.5     10.0         Beryllium     Not detected     3.0        Cadmium     Not detected     5.0        Cobalt     Not detected     5.0        Cobalt     Not detected     5.0        Cobalt     Not detected     5.0        Copper     Not detected     5.0	PCB 1260			Not detected	0.2
Metals, Target Analyte List(Dissolved)     SW846-6010     ug/L         Aluminum     49.6     5.0       Antimony     Not detected     5.0       Arsenic     Not detected     10.0       Barium     61.5     10.0       Beryllium     Not detected     1.0       Calcium     Not detected     3.0       Calcium     Not detected     5.0       Cobalt     Not detected     5.0       Cobalt     Not detected     5.0       Cobalt     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Lead     40.3     3.0       Magnesium     1190     30.0       Selenium     1190     30.0       Selenium     Not detected     5.0       Potassium     11900     30.0       Solum     Not detected     10.0       Solum     Not detected     10.0       Solum     Not detected     10.0	PCB. Total			Not detected	0.2
Aluminum     Generation     Age 2     49.6     5.0       Antimony     Not detected     5.0     Not detected     10.0       Barium     61.5     10.0     10.0       Beryllium     Not detected     1.0       Cadmium     Not detected     3.0       Calcium     133000     20.0       Chromium     Not detected     5.0       Cobalt     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Iron     Not detected     5.0       Magnesium     32300     10.0       Magnesium     11900     30.0       Selenium     11900     30.0       Silver     Not detected     10.0       Zinc     54.0     20.0       Metruy, Dissolved     SW-846-6	Metals, Target Analyte List(Dissolved)	SW846-6010	110/I		0.2
Antimony     Not detected     5.0       Arsenic     Not detected     10.0       Barium     61.5     10.0       Beryllium     Not detected     1.0       Cadmium     Not detected     3.0       Calcium     133000     20.0       Chromium     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Lead     40.3     3.0       Magnesium     32300     10.0       Magnesium     1190     5.0       Nickel     5.6     5.0       Potassium     11900     30.0       Soliwer     Not detected     5.0       Sodium     60600     50.0       Thallium     Not detected     5.0       Sodium     60600     50.0       Thallium     Not detected     5.0       Sodium     60600     50.0       Thallium     Not detected     5.0       Mot detected     10.0     54.0     20.0 <td>Aluminum</td> <td>5 11 0 10 0010</td> <td></td> <td>49.6</td> <td>5.0</td>	Aluminum	5 11 0 10 0010		49.6	5.0
Arsenic     Not detected     10.0       Barium     61.5     10.0       Beryllium     Not detected     1.0       Cadmium     Not detected     3.0       Calcium     133000     20.0       Chromium     Not detected     5.0       Cobalt     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Lead     40.3     3.0       Magnesium     32300     10.0       Manganese     190     5.0       Nickel     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     10.0       Silver     Not detected     10.0       Sodium     60600     50.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Vanadium     Not detected     10.0       Zine     SW-846-7470     mg/L     Not detected       Vanadium     16100 <td< td=""><td>Antimony</td><td>· · · · · · · · · · · · · · · · · · ·</td><td></td><td>Not detected</td><td>5.0</td></td<>	Antimony	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0
Barium     61.5     10.0       Beryllium     Not detected     1.0       Cadmium     Not detected     3.0       Calcium     133000     20.0       Chromium     Not detected     5.0       Cobalt     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Iron     Mot detected     5.0       Lead     40.3     3.0       Magnesium     32300     10.0       Magnese     190     5.0       Nickel     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     10.0       Silver     Not detected     10.0       Sodium     60600     50.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected       Auminum     16100     5.0<	Arsenic			Not detected	10.0
Beryllium     Not detected     1.00       Cadmium     Not detected     3.0       Calcium     133000     20.0       Chromium     Not detected     5.0       Cobalt     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Iron     Not detected     5.0       Lead     40.3     3.0       Magnesium     32300     10.0       Magnese     190     5.0       Nickel     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     10.0       Silver     Not detected     10.0       Sodium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected       Muminum     16100     5.0     10.0     5.0       Auminum     2850     10.0     5.0       Actimony     9.9     5.0     5.0 <td>Barium</td> <td></td> <td></td> <td>61.5</td> <td>10.0</td>	Barium			61.5	10.0
Cadmium     Not detected     1.0       Calcium     Not detected     3.0       Calcium     Not detected     5.0       Cobalt     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Iron     Not detected     5.0       Lead     40.3     3.0       Magnesium     32300     10.0       Magnesium     32300     10.0       Magnesium     32300     10.0       Magnesium     11900     5.0       Nickel     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     10.0       Silver     Not detected     10.0       Sodium     60600     50.0       Thallium     Not detected     10.0       Zine     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L       Mercury, Dissolved     SW-846-6010     ug/L        Aluminum     22.1 <t< td=""><td>Bervilium</td><td></td><td></td><td>Not detected</td><td>10.0</td></t<>	Bervilium			Not detected	10.0
Calcium     100 detected     5.0       Chromium     Not detected     5.0       Cobalt     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Iron     Not detected     5.0       Lead     40.3     3.0       Magnesium     32300     10.0       Manganese     190     5.0       Nickel     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     10.0       Sodium     Not detected     10.0       Sodium     Not detected     10.0       Yanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected     0.0002       Metals, Target Analyte List(TAL)     SW846-6010     ug/L         Aluminum     28250     10.0     5.0     10.0       Barium     28250     10.0     22.1     10.0<	Cadmium	· · · · · · · · · · · · · · · · · · ·		Not detected	3.0
Chromium     Not detected     5.0       Cobalt     Not detected     5.0       Copper     Not detected     5.0       Iron     Not detected     5.0       Lead     40.3     3.0       Magnesium     32300     10.0       Magnese     190     5.0       Nickel     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     5.0       Sodium     60600     50.0       Solium     60600     50.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected       Aluminum     16100     5.0     3.0       Antimony     9.9     5.0     3.0       Arsenic     22.1     10.0     3.0       Barium     2850     10.0     3.0       Cadmium     6.6     3.0     3.0	Calcium			133000	20.0
Cobalt     Not detected     5.0       Copper     Not detected     5.0       Iron     Not detected     5.0       Lead     40.3     3.0       Magnesium     32300     10.0       Magnesium     32300     10.0       Magnesium     32300     10.0       Magnesium     32300     10.0       Magnesium     1900     5.0       Nickel     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     10.0       Silver     Not detected     10.0       Sodium     60600     50.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected       Aluminum     16100     5.0     10.0       Antimony     9.9     5.0     10.0       Barium     2850     10.0     10.0       Beryll	Chromium			Not detected	5.0
Copper     Not detected     5.0       Iron     Not detected     5.0       Lead     40.3     3.0       Magnesium     32300     10.0       Magnesium     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     10.0       Soliwer     Not detected     10.0       Sodium     60600     50.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Metals, Target Analyte List(TAL)     SW846-6010     ug/L        Aluminum     16100     5.0     5.0       Arsenic     22.1     10.0     3.0       Barium     2850     10.0       Beryllium	Cobalt			Not detected	5.0
Iron     Not detected     5.0       Lead     40.3     3.0       Magnesium     32300     10.0       Magnesium     32300     10.0       Magnese     190     5.0       Nickel     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     10.0       Silver     Not detected     10.0       Sodium     60600     50.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected       Mercury, Dissolved     SW-846-6010     ug/L        Aluminum     16100     5.0     0       Antimony     9.9     5.0     0       Arsenic     22.1     10.0     10.0       Barium     2850     10.0     0.0       Beryllium     Not detected     1.0     0.0       Cadmium     595000	Copper			Not detected	5.0
Lead     Adv.3     3.0       Magnesium     32300     10.0       Maganese     190     5.0       Nickel     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     10.0       Selenium     Not detected     10.0       Silver     Not detected     10.0       Sodium     60600     50.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L       Mercury, Dissolved     SW-846-6010     ug/L        Aluminum     16100     5.0       Antimony     9.9     5.0       Arsenic     22.1     10.0       Barium     2850     10.0       Cadmium     6.6     3.0       Cadeium     595000     20.0       Chromium     101     5.0       Cobalt     10.9     5.0	Iron			Not detected	5.0
Magnesium     32300     10.0       Manganese     32300     10.0       Nickel     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     10.0       Silver     Not detected     10.0       Sodium     Not detected     5.0       Sodium     60600     50.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L       Muminum     16100     5.0       Antimony     9.9     5.0       Arsenic     22.1     10.0       Barium     2850     10.0       Beryllium     Not detected     1.0       Cadmium     6.6     3.0       Calcium     595000     20.0       Chromium     101     5.0       Copper     498     5.0	Lead			40.3	3.0
Manganese     190     5.0       Nickel     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     10.0       Silver     Not detected     5.6       Sodium     60600     50.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected     0.0002       Metals, Target Analyte List(TAL)     SW846-6010     ug/L         Aluminum     16100     5.0     3.0     3.0       Arsenic     22.1     10.0     3.0     3.0       Barium     2850     10.0     3.0     3.0       Cadmium     6.6     3.0     3.0     3.0       Cadmium     595000     20.0     3.0     3.0       Chromium     101     5.0     3.0     3.0       Cadmium     595000     20.0     3.0     3.0	Magnesium			32300	10.0
Nickel     5.6     5.0       Potassium     11900     30.0       Selenium     Not detected     10.0       Silver     Not detected     5.0       Sodium     60600     50.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected     0.0002       Metals, Target Analyte List(TAL)     SW846-6010     ug/L         Aluminum     16100     5.0     5.0     22.1     10.0       Barium     2850     10.0     2850     10.0     30.0       Barium     595000     20.0     20.0     2850     10.0       Cadmium     6.6     3.0     2850     10.0       Cadmium     595000     20.0     20.0       Chromium     101     5.0     5.0       Cobalt     10.9     5.0     5.0       Copper     498     5.0<	Manganese			190	5.0
Potassium     11900     30.0       Selenium     Not detected     10.0       Silver     Not detected     10.0       Sodium     60600     50.0       Thallium     60600     50.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected     0.0002       Metals, Target Analyte List(TAL)     SW846-6010     ug/L         Aluminum     16100     5.0         Aluminum     16100     5.0     10.0       Barium     2850     10.0     10.0       Beryllium     0.6.6     3.0     0       Cadmium     6.6     3.0     0       Calcium     595000     20.0     10.1       Chomium     101     5.0     0       Cobalt     10.9     5.0     10.9	Nickel			56	5.0
Selenium     Not detected     10.0       Silver     Not detected     10.0       Sodium     Not detected     5.0       Sodium     60600     50.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected     0.0002       Metals, Target Analyte List(TAL)     SW846-6010     ug/L         Aluminum     16100     5.0     5.0     5.0       Antimony     9.9     5.0     5.0       Arsenic     22.1     10.0     10.0       Barium     2850     10.0     10.0       Beryllium     Not detected     1.0     0.0       Cadmium     6.6     3.0     20.0       Chromium     101     5.0     20.0       Chromium     101     5.0     20.0       Chromium     101     5.0     20.0       Copper     498	Potassium			11900	30.0
Silver     Not detected     10.0       Sodium     Not detected     5.0       Sodium     60600     50.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected     0.0002       Metals, Target Analyte List(TAL)     SW846-6010     ug/L         Aluminum     16100     5.0     5.0     0.0002       Matimony     9.9     5.0     5.0       Arsenic     22.1     10.0     10.0       Barium     2850     10.0     0.0       Beryllium     Not detected     1.0     0.0       Cadmium     6.6     3.0     0.0       Calcium     595000     20.0     0.0       Chromium     101     5.0     0.0       Cobalt     10.9     5.0     0.0       Copper     498     5.0     0.0	Selenium			Not detected	10.0
Sodium     Not detected     5.0       Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected     0.0002       Metals, Target Analyte List(TAL)     SW846-6010     ug/L         Aluminum     16100     5.0     5.0       Antimony     9.9     5.0     5.0       Arsenic     22.1     10.0     10.0       Barium     2850     10.0     0       Cadmium     6.6     3.0     0       Calcium     595000     20.0     0       Chromium     101     5.0     0       Cobalt     10.9     5.0     0       Copper     498     5.0     0	Silver			Not detected	5.0
Thallium     Not detected     10.0       Vanadium     Not detected     10.0       Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected     0.0002       Metals, Target Analyte List(TAL)     SW846-6010     ug/L         Aluminum     16100     5.0     5.0     5.0       Antimony     9.9     5.0     5.0       Arsenic     22.1     10.0     5.0       Barium     2850     10.0     5.0       Cadmium     6.6     3.0     5.0       Cadmium     101     5.0       Cobalt     10.9     5.0       Iron     498     5.0	Sodium			60600	50.0
Vanadium     Not detected     10.0       Zinc     S4.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected     0.0002       Metals, Target Analyte List(TAL)     SW846-6010     ug/L         Aluminum     16100     5.0       Antimony     9.9     5.0       Arsenic     22.1     10.0       Barium     2850     10.0       Beryllium     Not detected     1.0       Cadmium     6.6     3.0       Calcium     595000     20.0       Chromium     101     5.0       Cobalt     10.9     5.0       Iron     498     5.0	Thallium			Not detected	10.0
Zinc     54.0     20.0       Mercury, Dissolved     SW-846-7470     mg/L     Not detected     0.0002       Metals, Target Analyte List(TAL)     SW846-6010     ug/L         Aluminum     16100     5.0          Aluminum     16100     5.0          Aluminum     16100     5.0          Aluminum     22.1     10.0     5.0         Mercury, Dissolved     22.1     10.0     0          Aluminum     2850     10.0           Mercury, Dissolved     9.9     5.0           Aluminum     22.1     10.0 </td <td>Vanadium</td> <td></td> <td></td> <td>Not detected</td> <td>10.0</td>	Vanadium			Not detected	10.0
Mercury, Dissolved     SW-846-7470     mg/L     Not detected     0.0002       Metals, Target Analyte List(TAL)     SW846-6010     ug/L         Aluminum     16100     5.0          Aluminum     9.9     5.0          Aluminum     22.1     10.0     5.0          Arsenic     22.1     10.0           Barium     2850     10.0           Cadmium     6.6     3.0           Calcium     595000     20.0           Cobalt     10.9     5.0           Copper     498     5.0	Zinc			54.0	20.0
Metals, Target Analyte List(TAL)     SW846-6010     ug/L         Aluminum     16100     5.0       Antimony     9.9     5.0       Arsenic     22.1     10.0       Barium     2850     10.0       Beryllium     Not detected     1.0       Cadmium     6.6     3.0       Calcium     595000     20.0       Chromium     101     5.0       Cobalt     10.9     5.0       Iron     498     5.0       Iron     27000     5.0	Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002
Aluminum   16100   5.0     Antimony   9.9   5.0     Arsenic   22.1   10.0     Barium   2850   10.0     Beryllium   Not detected   1.0     Cadmium   6.6   3.0     Calcium   595000   20.0     Chromium   101   5.0     Cobalt   10.9   5.0     Iron   27000   5.0	Metals, Target Analyte List(TAL)	SW846-6010	$\frac{\log L}{\log L}$		0.0002
Antimony     9.9     5.0       Arsenic     22.1     10.0       Barium     2850     10.0       Beryllium     Not detected     1.0       Cadmium     6.6     3.0       Calcium     595000     20.0       Chromium     101     5.0       Cobalt     10.9     5.0       Iron     27000     5.0	Aluminum			16100	5.0
Arsenic     22.1     10.0       Barium     2850     10.0       Beryllium     Not detected     1.0       Cadmium     6.6     3.0       Calcium     595000     20.0       Chromium     101     5.0       Cobalt     10.9     5.0       Iron     27000     5.0	Antimony			9.9	5.0
Barium     22.1     10.0       Barium     2850     10.0       Beryllium     Not detected     1.0       Cadmium     6.6     3.0       Calcium     595000     20.0       Chromium     101     5.0       Cobalt     10.9     5.0       Iron     27000     5.0	Arsenic			22.1	10.0
Beryllium     Not detected     10.0       Cadmium     6.6     3.0       Calcium     595000     20.0       Chromium     101     5.0       Cobalt     10.9     5.0       Copper     498     5.0       Iron     27000     5.0	Barium			2850	10.0
Cadmium     6.6     3.0       Calcium     595000     20.0       Chromium     101     5.0       Cobalt     10.9     5.0       Copper     498     5.0       Iron     27000     5.0	Beryllium			Not detected	10.0
Calcium     5.0     5.0       Calcium     595000     20.0       Chromium     101     5.0       Cobalt     10.9     5.0       Copper     498     5.0       Iron     27000     5.0	Cadmium			6.6	3.0
Chromium     101     5.0       Cobalt     10.9     5.0       Copper     498     5.0       Iron     27000     5.0	Calcium			595000	20.0
Cobalt     101     5.0       Copper     10.9     5.0       Iron     27000     5.0	Chromium			101	5.0
Copper     498     5.0       Iron     27000     5.0	Cobalt			10.9	5.0
Iron 27000 50	Copper			498	5.0
	Iron			27000	5.0



Client Sample ID			GP-26	
York Sample ID			04020294-07	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Lead			41200	3.0
Magnesium			51200	10.0
Manganese			1730	5.0
Nickel			42.5	5.0
Potassium			15600	30.0
Selenium			12.9	10.0
Silver			Not detected	5.0
Sodium			70500	50.0
Thallium			Not detected	10.0
Vanadium			84.2	10.0
Zinc			4090	20.0
Mercury	SW846-7470	mg/L	0.0096	0.0002

Client Sample ID			EB-2/12-GW	
York Sample ID			04020294-08	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L		
4,4'-DDD			Not detected	0.06
4,4'-DDE			Not detected	0.06
4,4'-DDT			Not detected	0.06
Aldrin			Not detected	0.06
alpha-BHC			Not detected	0.06
beta-BHC			Not detected	0.06
Chlordane			Not detected	0.24
delta-BHC			Not detected	0.06
Dieldrin			Not detected	0.06
Endosulfan I		1	Not detected	0.06
Endosulfan II			Not detected	0.06
Endosulfan sulfate			Not detected	0.06
Endrin			Not detected	0.06
Endrin aldehyde			Not detected	0.06
gamma-BHC (Lindane)			Not detected	0.06
Heptachlor			Not detected	0.06
Heptachlor epoxide			Not detected	0.06
Methoxychlor			Not detected	0.24
Toxaphene			Not detected	2.4
Volatiles-8260 list	SW846-8260	ug/L		
1,1,1,2-Tetrachloroethane			Not detected	1
1,1,1-Trichloroethane			Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1
1,1,2-Trichloroethane			Not detected	1
1,1-Dichloroethane			Not detected	1
1,1-Dichloroethylene			Not detected	1
1,1-Dichloropropylene			Not detected	1
1,2,3-Trichlorobenzene			Not detected	1
1,2,3-Trichloropropane			Not detected	1
1,2,3-Trimethylbenzene			Not detected	1
1,2,4-Trichlorobenzene			Not detected	1
1,2,4-Trimethylbenzene			Not detected	1



Client Sample ID			EB-2/12-GW	
York Sample ID			04020294-08	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
1,2-Dibromo-3-chloropropane			Not detected	1
1,2-Dibromoethane	·		Not detected	1
1,2-Dichlorobenzene			Not detected	1
1,2-Dichloroethane	· ····································	+	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1
1,2-Dichloropropane			Not detected	1
1,3,5-Trimethylbenzene			Not detected	1
1,3-Dichlorobenzene			Not detected	1
1,3-Dichloropropane			Not detected	1
1,4-Dichlorobenzene			Not detected	1
1-Chlorohexane			Not detected	1
2.2-Dichloropropane			Not detected	1
2-Chlorotoluene		-	Not detected	1
4-Chlorotoluene	-		Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	. 1
Bromochloromethane		· · · · ·	Not detected	1
Bromodichloromethane			Not detected	1
Bromoform			Not detected	1
Bromomethane			Not detected	1
Carbon tetrachloride			Not detected	1
Chlorobonzono			Not detected	1
Chloroothana			Not detected	1
Chloroform			Not detected	1
Chloromothana			Not detected	1
chloromethane			Not detected	1
Dibromochloromothone			Not detected	1
Dibromomotheno			Not detected	1
Dioromothematic	· · ·		Not detected	1
Ethylhomana			Not detected	1
Havaahlarahutadiana			Not detected	1
learnervilhanzene			Not detected	1
Isopropyidenzene		_	Not detected	1
Nietnytene chloride			Not detected	1
Naphthalene			Not detected	I
n-Butylbenzene			Not detected	
n-Propylbenzene			Not detected	1
o-Xylene			Not detected	1
p- & m-Xylenes			Not detected	1
p-lsopropyltoluene			Not detected	1
sec-Butylbenzene			Not detected	1
Styrene		_	Not detected	1
tert-Butylbenzene			Not detected	1
Tetrachloroethylene			Not detected	1
Toluene			Not detected	1
trans-1,3-Dichloropropylene			Not detected	1
Trichloroethylene		_	Not detected	1
Trichlorofluoromethane			Not detected	1
Vinyl chloride			Not detected	1
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L		
Acenaphthene			Not detected	10
Acenaphthylene			Not detected	10

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Client Sample ID			EB-2/12-GW	
York Sample ID			04020294-08	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Anthracene			Not detected	10
Benzo[a]anthracene			Not detected	10
Benzo[a]pyrene			Not detected	10
Benzo[b]fluoranthene			Not detected	10
Benzo[g,h,i]perylene			Not detected	10
Benzo[k]fluoranthene	· · · · · · · · · · · · · · · · · · ·		Not detected	10
Chyrsene			Not detected	10
Dibenz[a,h]anthracene			Not detected	10
Fluoranthene			Not detected	10
Fluorene			Not detected	10
Indeno[1,2,3-cd]pyrene			Not detected	10
Naphthalene			Not detected	10
Phenanthrene			Not detected	10
Pyrene			Not detected	10
РСВ	SW846-3510C/8082	ug/L		
PCB 1016			Not detected	0.24
PCB 1221			Not detected	0.24
PCB 1232			Not detected	0.24
PCB 1242			Not detected	0.24
PCB 1248			Not detected	0.24
PCB 1254			Not detected	0.24
PCB 1260			Not detected	0.24
PCB, Total			Not detected	0.24
Metals, Target Analyte List(TAL)	SW846-6010	ug/L		
Aluminum			Not detected	5.0
Antimony			Not detected	5.0
Arsenic			Not detected	10.0
Barium			Not detected	10.0
Beryllium			Not detected	1.0
Cadmium			Not detected	3.0
Calcium			Not detected	20.0
Chromium			Not detected	5.0
Cobalt			Not detected	5.0
Copper			Not detected	5.0
Iron			Not detected	5.0
Lead			8.7	3:0
Magnesium			Not detected	10.0
Manganese			Not detected	5.0
Nickel			Not detected	5.0
Potassium			Not detected	30.0
Selenium			Not detected	10.0
Silver			Not detected	5.0
Sodium			111	50.0
Thallium			Not detected	10.0
Vanadium			Not detected	10.0
Zinc			Not detected	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002

Units Key:

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For Waters/Liquids: mg/L = ppm; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb



#### Report Date: 2/23/2004 Client Project ID: NYDEP/Maspeth/SDG-3 York Project No.: 04020294

#### Notes for York Project No. 04020294

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

- 2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
- 3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
- 4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
- 5. All samples were received in proper condition for analysis with proper documentation.
- 6. All analyses conducted met method or Laboratory SOP requirements.
- 7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradle Managing Director

Date: 2/23/2004

### YORK



### **Definitions for FLAGS used as a Results Suffix**

Flags are sometimes used on results to indicate certain occurences during the analysis process. The most common flags used by York are defined below.

#### <u>FLAG</u>

J

В

#### DEFINITION

J indicates an estimated value. This flag applies to Tentatively Identified Compounds or, when requested, for a target compound whose result is less than the reporting limit but whose mass spectral data meet identification criteria. For example if the reporting limit is listed as 10 ppb and the analysis shows 3 ppb, the result can be reported as 3 J. The client must request the use of J flags for the laboratory to report such flags.

B indicates that the analyte was also found in the associated batch method blank. This flag indicates possible/probable blank contamination and warns the data user to be aware. This mostly applies to the volatiles acetone and methylene chloride and the semi-volatiles bis-(2-ethylhexyl) phthalate and other phthalates.

E This flag is used to indicate that the reported concentration of an analyte exceeded the calibration range of the analytical system. In this case the result reported is treated as a minimum value. This often applies where clients request an additional analyte after sample analysis, such as acetone, where the initial analysis did not require dilution since acetone was not a target compound. This flag will also apply if after numerous dilutions a specific target compound would significantly dilute out all other targets.

	Vac								Pageof
	ABORATORI	les, Inc.		LL.	ield	Chain-	of-Custo	ody Record	
ONE REE Btamfdr (203) 325-1371	SEARCH DRIV 10, CT 0690 FAX (203) ;	Е 16 357-0166						ONO	WIGH.
Company	Name	Report	To:	Invoic	<u>ce To:</u>	Pro	ect ID/No.	Jac. 1	Jall
Envirosi Censult	ence ant the	Grey West	eija	Sam		NYCDE	Huden 1806-	3 Tracy Mam	ccted By (Signature)
Sample No.	Loca	ation/ID	Date Sa.	mpled	Sam Water S	ple Matrix oil Air DTHER	ANALYSE	S REQUESTED	Container Description(s)
	ta-	2 12	2/2/2	حر ا	X		VOCS ONLY		2=40mu/Her
2	3.1	2 % / 4/2/MSD			$\times$		VOCS, SVOCS	(PAHS ONLY), Prestrictes	6.40, 11 Hel
5	6.0-	29			×		•		2-40-04/1KC
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Ĺ.	GF	226			$\boldsymbol{\chi}$				
\$~>	Sí.	3-2/12-GW			×		PLB, TAL T	44,000) Prshuck,	2-40, 61 HCL
							<b>-</b>		1-250 an 6 / 140
				ε			-		
Chain-of-Custo	dy Record			L D	d	The hu	1300		
Bottles Relinquis	hed from Lab b	y Date/Time 2/パルイ Cly	30 Sc	ample Reling	uished by	> / Date	me	Sample Received by	Date/Tyme 2-13-04//630
Bottles Receive	d in Field by	Date/Time	Se Se	ample Relinq	uished by	Date/	ime 7	Sample Received in LAB by	Date/Time
Comments/Spec	sial Instruct	ions Lab to	GHR P	r disselv	ed meter	د د ا		Turn-Around Time	
·		1- FN		2	てきじゅう	6-V-40			(alilian)uc

	Adc								Page of
ANALYTICAL L	ABORATORIE	is, inc.			ield	Chain-	of-Custoo	ly Recora	
ONE RE Stamfoi (203) 325-137	SEARCH DRIVE RD, CT 06906 1 FAX (203) 3	; 57-0166						OHO	NOIGH.
Company	Name	Report	To:	Invoi	ce To:	Pro	ject ID/No.	Jac. 111	lalp
Envirose	ience antip Jac	Grey Herr	ورأي	Sim		NYCDEF	Huster 1806-3	Samples Collector	ted By (Signature)
Sample No.	Locat	tion/ID	Date Sa	mpled	Sam Water So	ple Matrix oil   Air DTHER	ANALYSES F	REQUESTED	Container Description(s)
	t in t	212	2/12/0	, , ,	X		VOCS ONN		2=40mm/Her
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ŗ,	6.0-2	67			×				R - 2 Sun / IK
17	60.	32			×				1-254 16 100 200
	36	-24							
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(	GP.	26							->
50	53	- 2/12 GW			×		PCG, SVUG(PAH,	ONN) Promites	2-40, 61 HCK
									1-250-1 6/14/05
				E.			-		
Chain-of-Custo	dy Record		j.	6	d	The Mil (	1200		
Bottles Relinquis	they from Lab by	Date/Time ろんのよく じゃう	20 20	ample Reling	uished by	Date/	me Sam	ple Received by	2-13-04/16 30
Bottles Receive	ed in Field by	Date/Time	ις Ο	ample Relinq	uished by	Date∕T	ime 🛛 📝 Sampl	e Received in LAB by	DateTime
Comments/Spec	cial Instructic	of g p J su	Filly Fo	r disserve	ed meter	۲ ۱. ۲.	<u> </u>	Irrn-Around Time	)U(dofine)
		21 72		9	ひゃこそい		7		un(uenine)



York Analytical Laboratories, Inc.

### <u>Invoice</u>

Invoice Date:4/21/2004

Invoice Number: 59526

- To: Enviroscience Consultants, Inc. 33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio
- Remit to: York Analytical Laboratories, Inc—<u>NOTE NEW ADDRESS</u> 120 Research Drive Stratford, CT 06615 Attention: Accounts Receivable

Your Purchase Order/Authorization: Verbal: Greg Menegio

Our Sample References: 04040335

Your Project Reference: 57-15 49th St. Maspeth/SDG 7-Soil

Samples Received On: 04/12/04

Analysis Name	Quantity	Unit Price	<b>Total Price</b>
Volatiles-8260 list-water	1	\$90.00	\$90.00
Base/Neutral Extractables-water	1	\$140.00	\$140.00
Pesticides/PCBs-water	1	\$95.00	\$95.00
Metals, Target Analyte List(TAL) -water	1	\$100.00	\$100.00
Volatiles-8260 list	2	\$90.00	\$180.00
Base/Neutral Extractables soil	2	\$140.00	\$280.00
Pesticides/PCBs	2	\$95.00	\$190.00
Metals, Target Analyte List(TAL)	2	\$100.00	\$200.00
QA/QC Data Package (included)	1	\$0.00	\$0.00
Invoice Total			\$1,275.00

### **Detailed Invoice information**

We appreciate your business and your continued support. We remain committed to supplying you the highest quality and service possible. If you have any questions about this invoice, please contact us at (203) 325-1371.

TERMS NET 30 DAYS

Original Invoice = Blue Copies = White



# **Technical Report**

prepared for

Enviroscience Consultants, Inc. 33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

Report Date: 4/21/2004 *Re: Client Project ID: 57-15 49th St. Maspeth/SDG 7-Soil* York Project No.: 04040335

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Report Date: 4/21/2004 Client Project ID: 57-15 49th St. Maspeth/SDG 7-Soil York Project No.: 04040335

#### Enviroscience Consultants, Inc.

33 Flying Point Road, Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

#### Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 04/12/04. The project was identified as your project "57-15 49th St. Maspeth/SDG 7-Soil".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			TB-4/6		EB-4/6	
York Sample ID			04040335-01		04040335-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4,4'-DDD					Not detected	0.05
4,4'-DDE					Not detected	0.05
4,4'-DDT					Not detected	0.05
Aldrin					Not detected	0.05
alpha-BHC			1		Not detected	0.05
beta-BHC					Not detected	0.05
Chlordane					Not detected	0.2
delta-BHC					Not detected	0.05
Dieldrin					Not detected	0.05
Endosulfan I					Not detected	0.05
Endosulfan II					Not detected	0.05
Endosulfan sulfate					Not detected	0.05
Endrin					Not detected	0.05
Endrin aldehyde					Not detected	0.05
gamma-BHC (Lindane)					Not detected	0.05
Heptachlor					Not detected	0.05

#### Analysis Results



Client Sample ID			TB-4/6		EB-4/6	
York Sample ID			04040335-01		04040335-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Heptachlor epoxide					Not detected	0.05
Methoxychlor					Not detected	0.2
Toxaphene					Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L				
1.1.1.2-Tetrachloroethane			Not detected	1	Not detected	1
1.1.1-Trichloroethane			Not detected	1	Not detected	1
1.1.2.2-Tetrachloroethane			Not detected	1	Not detected	1
1.1.2-Trichloroethane		-	Not detected	1	Not detected	1
1.1-Dichloroethane			Not detected	1	Not detected	1
1.1-Dichloroethylene			Not detected	1	Not detected	1
1.1-Dichloropropylene			Not detected	1	Not detected	1
1.2.3-Trichlorobenzene		-	Not detected	1	Not detected	1
1 2 3-Trichloropropane		-	Not detected	1	Not detected	1
1 2 3-Trimethylbenzene			Not detected	1	Not detected	1
1.2.4-Trichlorobenzene			Not detected	1	Not detected	1
1.2.4-Trimethylbenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	1	Not detected	1
1 2-Dibromo-3-chloropropape			Not detected	1	Not detected	1
1.2-Dibromoethane		-	Not detected	1	Not detected	1
1.2-Dichlorohenzene			Not detected	1	Not detected	1
1.2-Dichloroethane			Not detected	1	Not detected	1
1.2 Dichloroethylene (Total)			Not detected	1	Not detected	1
1.2 Dichloropropage			Not detected	1	Not detected	1
1,2-Dicinoropropane			Not detected	1	Not detected	1
1.3 Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropage			Not detected		Not detected	1
1.4 Dichlorobenzene			Not detected	1	Not detected	1
1,4-Dicinorobenzene	- <u> </u>		Not detected	1	Not detected	1
2.2 Dichloropropage			Not detected	1	Not detected	1
2,2-Dicinoropropane			Not detected	1	Not detected	1
4 Chlorotoluene			Not detected	1	Not detected	1
Pangana		_	Not detected	1	Not detected	1
Dromohenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodiahloromethana			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Dromomethane		-	Not detected	1	Not detected	1
Carbon totrachlaride			Not detected	1	Not detected	1
Caldon tetrachionde			Not detected	1	Not detected	1
Chloroothano			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromothana			Not detected	1	Not detected	1
			Not detected	1	Not detected	1
Dilyana chiana attana			Not detected	1 1	Not detected	1
Dibromornothana			Not detected	1	Not detected	1
Diplomotinethane			Not detected	1 1	Not detected	1
			Not detected	1	Not detected	1 <u>1</u>
Etnyibenzene			Not detected	+ <u>1</u>	Not detected	L 1
			Not detected	+ <u>1</u>	Not detected	1
Isopropyibenzene			INUL detected	1 1		1
Metnylene chloride			JB Not Jata - ta 1	1	J D Not detected	1
Naphthalene			INOT detected	1	Not detected	1
n-Butylbenzene			Not detected		INOT detected	



Client Sample ID			TB-4/6		EB-4/6	
York Sample ID			04040335-01		04040335-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Propylbenzene		-	Not detected	1	Not detected	1
o-Xvlene			Not detected	1	Not detected	1
n- & m-Xylenes		+	Not detected	1	Not detected	1
p-Isopronyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene	······································		Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1 3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride	····		Not detected	1	Not detected	1
Rose/Neutral Extractables water	SW846-8270	110/L				
1.2.4 Trichlorobenzene	3 10 0 0 0 270				Not detected	10
1,2,4-THEIHOTOBEIIZEIRE					Not detected	10
1,2-Dichlorobonzene				<u> </u>	Not detected	10
					Not detected	10
1,4-Dichiorobenzene					Not detected	10
2,4-Dimitotoluene					Not detected	10
			· • · · · · · · · · · · · · · · · · · ·	<u> </u>	Not detected	10
2-Chloronaphthalene					Not detected	10
2-Methylnaphthalene			<u></u>		Not detected	10
2-Nitroaniline					Not detected	10
3,3'-Dichlorobenzidine					Not detected	10
3-Nitroaniline					Not detected	10
4-Bromophenyl phenyl ether					Not detected	10
4-Chloroaniline					Not detected	10
4-Chlorophenyl phenyl ether					Not detected	10
4-Nitroaniline					Not detected	10
Acenaphthene		_	+		Not detected	10
Acenaphthylene					Not detected	10
Anthracene					Not detected	10
Benzo(a)anthracene					Not detected	10
Benzo(a)pyrene					Not detected	10
Benzo(b)fluoranthene					Not detected	10
Benzo(g,h,i)perylene					Not detected	10
Benzo(k)fluoranthene					Not detected	10
Bis(2-chloroethoxy)methane					Not detected	10
Bis(2-chloroethyl)ether					Not detected	10
Bis(2-chloroisopropyl)ether					Not detected	10
Bis(2-ethylhexyl)phthalate					Not detected	10
Butyl benzyl phthalate					Not detected	10
Carbazole	<u> </u>				Not detected	10
Chrysene					Not detected	10
Dibenzo(a,h)anthracene					Not detected	10
Dibenzofuran					Not detected	10
Diethylphthalate					Not detected	10
Dimethylphthalate					Not detected	10
Di-n-butylphthalate					Not detected	10
Di-n-octylphthalate					Not detected	10
Fluoranthene					Not detected	10



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Client Sample ID			TB-4/6	1	EB-4/6	
York Sample ID			04040335-01		04040335-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Fluorene					Not detected	10
Hexachlorobenzene					Not detected	10
Hexachlorobutadiene					Not detected	10
Hexachlorocyclopentadiene					Not detected	10
Hexachloroethane					Not detected	10
Indeno(1.2.3-cd)pyrene					Not detected	10
Isophorone	· · · · · · · · · · · · · · · · · · ·				Not detected	10
Naphthalene					Not detected	10
Nitrobenzene					Not detected	10
N-Nitrosodi-n-propylamine					Not detected	10
N-Nitrosodiphenylamine	· · · · · · · · · · · · · · · · · · ·				Not detected	10
Phenanthrene				1	Not detected	10
Pyrene					Not detected	10
PCB	SW846-3510C/8082	11g/L				
PCB 1016	5 // 0 / 0 / 0 / 0 / 0 / 0 / 0			1	Not detected	0.2
PCB 1010					Not detected	0.2
PCB 1221					Not detected	0.2
PCB 1232					Not detected	0.2
PCB 1242	······				Not detected	0.2
PCB 1254	· · · · · · · · · · · · · · · · · · ·				Not detected	0.2
PCB 1254					Not detected	0.2
PCB Total	······································				Not detected	0.2
Motals Target Analyte List(TAL)	SW846-6010	110/L				
Aluminum	5000000	ug/ D		1	Not detected	50
Antimony		<u> </u>			Not detected	5.0
Arsenic					Not detected	10.0
Barium					Not detected	10.0
Beryllium					Not detected	1.0
Cadmium					Not detected	3.0
Calcium					32.0	20.0
Chromium					Not detected	5.0
Cobalt			+	+	Not detected	5.0
Copper					Not detected	5.0
Iron		+			Not detected	5.0
Lead		+		+	Not detected	3.0
Magnesium					Not detected	10_0
Manganese		+		+	Not detected	5.0
Nickel		+	+		Not detected	5.0
Potessium				+	Not detected	30.0
Selenjum		+		+	Not detected	10.0
Silver		+	1	-	Not detected	5.0
Sodium		1			Not detected	50.0
Thallium		1			Not detected	10.0
Vanadium				+	Not detected	10.0
Zinc		+			Not detected	20.0
Mercury	SW846-7470	mø/I			Not detected	0.0002

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Client Sample ID			MW15A		MW15B	
York Sample ID			04040335-03		04040335-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
<u>4 4'-DDD</u>			Not detected	10	Not detected	10
			Not detected	10	Not detected	10
<u>4,4-DDT</u>			Not detected	10	Not detected	10
			Not detected	10	Not detected	10
alpha_BHC	<u> </u>		Not detected	10	Not detected	10
beta BHC	<u></u>		Not detected	10	Not detected	10
Chlordane			60.0	50	Not detected	50
delta BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	5	Not detected	5
Endogulfan I	<u> </u>		Not detected	10	Not detected	10
Endogulfan II			Not detected	10	Not detected	10
Endosulfan aulfata			Not detected	10	Not detected	10
Endosunan sunate			Not detected	10	Not detected	10
Endrin aldabuda	····		Not detected	10	Not detected	10
Elidini aldenyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachior			Not detected	10	Not detected	10
Heptachior epoxide			Not detected	50	Not detected	50
Methoxychlor Transhana			Not detected	300	Not detected	300
	CW046 0260	ua/V a	Not detected	500	INOT detected	
Volatiles-8260 list	S W 840-8200	ug/Kg	Not detected	5.0	Not detected	5.0
1,1,1,2-1 etrachioroethane		<del> </del>	Not detected	5.0	Not detected	5.0
1,1,1-1richloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-1etrachloroetnane			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-1 richlorobenzene		-	Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-1richlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane		-	Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (1 otal)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-1 rimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene		+	Not detected	5.0	Not detected	5.0
I-Chlorohexane		+	INOT detected	5.0	Not detected	5.0
2,2-Dichloropropane			INOT detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	$+ \frac{5.0}{5.0}$	Not detected	5.0
Bromochloromethane			Not detected	1	Not detected	5.0

## YORK

Client Sample ID			MW15A		MW15B	
York Sample ID	·····		04040335-03		04040335-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene		-	Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			33 B	5.0	98 B	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butvlbenzene		-	Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xvlene	· · · -		Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene		1	Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Base/Neutral Extractables soil	SW846-8270	ug/Kg				
1,2,4-Trichlorobenzene			Not detected	1700	Not detected	1700
1,2-Dichlorobenzene			Not detected	1700	Not detected	1700
1.3-Dichlorobenzene			Not detected	1700	Not detected	1700
1,4-Dichlorobenzene			Not detected	1700	Not detected	1700
2.4-Dinitrotoluene			Not detected	1700	Not detected	1700
2.6-Dinitrotoluene			Not detected	1700	Not detected	1700
2-Chloronaphthalene			Not detected	1700	Not detected	1700
2-Methylnaphthalene	·		Not detected	1700	460 J	1700
2-Nitroaniline			Not detected	1700	Not detected	1700
3.3'-Dichlorobenzidine			Not detected	1700	Not detected	1700
3-Nitroaniline			Not detected	1700	Not detected	1700
4-Bromophenyl phenyl ether			Not detected	1700	Not detected	1700
4-Chloroaniline			Not detected	1700	Not detected	1700
4-Chlorophenvl phenvl ether			Not detected	1700	Not detected	1700
4-Nitroaniline		-	Not detected	1700	Not detected	1700
Acenaphthene	· · · · · · · · · · · · · · · · · · ·		Not detected	1700	760 J	1700
Acenaphthylene			Not detected	1700	Not detected	1700
Anthracene			Not detected	1700	1700	1700
Benzo(a)anthracene			1100 J	1700	2500	1700

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Client Sample ID			MW15A		MW15B	
York Sample ID			04040335-03		04040335-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo(a)pyrene			930 J	1700	2100	1700
Benzo(b)fluoranthene	·····		860 J	1700	1800	1700
Benzo(g,h,i)pervlene			570 J	1700	1200 J	1700
Benzo(k)fluoranthene		i	960 J	1700	1900	1700
Bis(2-chloroethoxy)methane		·····	Not detected	1700	Not detected	1700
Bis(2-chloroethyl)ether			Not detected	1700	Not detected	1700
Bis(2-chloroisopropyl)ether	· · · · · · · · · · · · · · · · · · ·		Not detected	1700	Not detected	1700
Bis(2-ethylhexyl)phthalate			2300	1700	15000	1700
Butyl benzyl phthalate			Not detected	1700	Not detected	1700
Carbazole			Not detected	750	Not detected	750
Chrysene			1100 J	1700	2200	1700
Dibenzo(a,h)anthracene			270 J	1700	500 J	1700
Dibenzofuran			Not detected	1700	650 J	1700
Diethylphthalate			Not detected	1700	Not detected	1700
Dimethylphthalate			Not detected	1700	Not detected	1700
Di-n-butylphthalate			Not detected	1700	Not detected	1700
Di-n-octylphthalate			Not detected	1700	Not detected	1700
Fluoranthene			2200	1700	6000	1700
Fluorene			Not detected	1700	930 J	1700
Hexachlorobenzene			Not detected	1700	Not detected	1700
Hexachlorobutadiene			Not detected	1700	Not detected	1700
Hexachlorocyclopentadiene			Not detected	1700	Not detected	1700
Hexachloroethane			Not detected	1700	Not detected	1700
Indeno(1,2,3-cd)pyrene			550 J	1700	1200 J	1700
Isophorone	· · · · · · · · · · · · · · · · · · ·		Not detected	1700	Not detected	1700
Naphthalene			Not detected	1700	910 J	1700
Nitrobenzene			Not detected	1700	Not detected	1700
N-Nitrosodi-n-propylamine			Not detected	1700	Not detected	1700
N-Nitrosodiphenylamine			Not detected	1700	Not detected	1700
Phenanthrene			1000 J	1700	6100	1700
Pvrene			2000	1700	5500	1700
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016		××	Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			0.10	0.02	0.03	0.02
PCB 1260			0.11	0.02	0.02	0.02
PCB, Total		1	0.21	0.02	0.05	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			8040	1.00	9140	1.00
Antimony			2.79	1.00	9.70	1.00
Arsenic			9.04	1.00	9.11	1.00
Barium			279	1.00	404	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			5.28	0.500	4.42	0.500
Calcium			7610	2.00	24400	2.00
Chromium			94.6	0.500	151	0.500
Cobalt			174	1.00	218	1.00
Copper			1020	1.00	1580	1.00

## YORK

Client Sample ID			MW15A		MW15B	
York Sample ID			04040335-03		04040335-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Iron			41300	1.00	52000	1.00
Lead			704	1.00	1560	1.00
Magnesium			4450	2.00	6160	2.00
Manganese			411	1.00	404	1.00
Nickel			64.8	1.00	90.1	1.00
Potassium			1470	3.00	1900	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			5060	5.00	7310	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			34.1	2.00	41.6	2.00
Zinc			5470	2.00	8100	2.00
Mercury	SW846-7471	mg/kG	0.79	0.10	1.13	0.10

**Units Key:** For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

#### Notes for York Project No. 04040335

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.

3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.

4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

5. All samples were received in proper condition for analysis with proper documentation.

6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

**Approved By** Robert Q. Bradley Managing Director

**Date:** 4/21/2004



								Page 1 of 1
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<u> </u>	Consultants, Inc.	Greg Me	an fer to	Sime	SD6-	7 - Soil	Tracy Wall	/ ∋ (Printed)
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NC-NYCDEP-00000434



# **Technical Report**

prepared for

Enviroscience Consultants, Inc. 33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

Report Date: 4/2/2004 Re: Client Project ID: 57-15 49th St. Maspeth York Project No.: 04030446

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STRATFORD, CT 06615 (203) 325-1371

FAX (203) 357-0166

Page 1 of 13

#### Report Date: 4/2/2004 Client Project ID: 57-15 49th St. Maspeth York Project No.: 04030446

#### Enviroscience Consultants, Inc.

33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

### Purpose and Results

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This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 03/15/04. The project was identified as your project "57-15 49th St. Maspeth ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			TP-4	_	TP-5	
York Sample ID			04030446-01		04030446-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	5	Not detected	5
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10

### Analysis Results

### YORK

Client Sample ID			TP-4		TP-5	
York Sample ID			04030446-01		04030446-02	
Matrix		1	SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene		+	Not detected	300	Not detected	3 00
Volatiles-8260 list	SW846-8260	ug/Kg				
1.1.1.2-Tetrachloroethane		<u>00</u>	Not detected	5.0	Not detected	5.0
1.1.1-Trichloroethane			Not detected	5.0	Not detected	5.0
1.1.2.2-Tetrachloroethane	····· · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1.1.2-Trichloroethane			Not detected	5.0	Not detected	5.0
1.1-Dichloroethane	· · · · · ·	1	Not detected	5.0	Not detected	5.0
1 1-Dichloroethylene		· · · ·	Not detected	5.0	Not detected	5.0
1 1-Dichloropropylene	· · · · · ·		Not detected	5.0	Not detected	5.0
1 2 3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.3-Trichloropropage			Not detected	5.0	Not detected	5.0
1.2.3-Trimethylbenzene		· · · · · · · · · · · · · · · · · · ·	Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.4 Trimethylbenzene		+	Not detected	5.0	Not detected	5.0
1.2. Dibromo 3 obloropropano			Not detected	5.0	Not detected	5.0
1,2-Dibromosthano			Not detected	5.0	Not detected	5.0
1.2 Dichlorohomono			Not detected	5.0	Not detected	5.0
1.2 Dichlana thana			Not detected	5.0	Not detected	5.0
1,2-Dichlore etholore (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimetnyibenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene	·		Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chloronexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride		· ·	290 B	5.0	110 B	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0

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Client Sample ID			TP-4		TP-5	
York Sample ID			04030446-01		04030446-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Propylbenzene		1	Not detected	5.0	Not detected	5.0
o-Xvlene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
n-Isopropyltoluene	· · · ·		Not detected	5.0	Not detected	5.0
sec-Butylbenzene		·	Not detected	5.0	Not detected	5.0
Styrene	· ·		Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene	· · · ·		Not detected	5.0	Not detected	5.0
trong 1.2 Dichloropropulana			Not detected	5.0	Not detected	5.0
Trichloroethylane			Not detected	5.0	Not detected	5.0
Trichlorofluoromethana		-	Not detected	5.0	Not detected	5.0
Viewl shlarida			Not detected	5.0	Not detected	5.0
	SW046 9270	na/V a	Not detected	5.0	Not detected	5.0
Base/Neutral Extractables son	SW 640-6270	ug/Kg	Not detected	1700	Not detected	1700
1,2,4-Trichlorobenzene			Not detected	1700	Not detected	1700
1,2-Dichlorobenzene			Not detected	1700	Not detected	1700
1,3-Dichlorobenzene			Not detected	1700	Not detected	1700
1,4-Dichlorobenzene			Not detected	1700	Not detected	1700
2,4-Dinitrotoluene			Not detected	1700	Not detected	1700
2,6-Dinitrotoluene			Not detected	1700	Not detected	1700
2-Chloronaphthalene	······		Not detected	1700	Not detected	1700
2-Methylnaphthalene			410 J	1700	Not detected	1700
2-Nitroaniline		_	Not detected	1700	Not detected	1700
3,3'-Dichlorobenzidine			Not detected	1700	Not detected	1700
3-Nitroaniline			Not detected	1700	Not detected	1700
4-Bromophenyl phenyl ether			Not detected	1700	Not detected	1700
4-Chloroaniline			Not detected	1700	Not detected	1700
4-Chlorophenyl phenyl ether			Not detected	1700	Not detected	1700
4-Nitroaniline			Not detected	1700	Not detected	1700
Acenaphthene		_	1500 J	1700	Not detected	1700
Acenaphthylene			Not detected	1700	Not detected	1700
Anthracene		_	2000	1700	360 J	1700
Benzo(a)anthracene			3900	1700	1100 J	1700
Benzo(a)pyrene			2800	1700	930 J	1700
Benzo(b)fluoranthene			2600	1700	960 J	1700
Benzo(g,h,i)perylene			1000 J	1700	Not detected	1700
Benzo(k)fluoranthene			3100	1700	1000 J	1700
Bis(2-chloroethoxy)methane			Not detected	1700	Not detected	1700
Bis(2-chloroethyl)ether			Not detected	1700	Not detected	1700
Bis(2-chloroisopropyl)ether			Not detected	1700	Not detected	1700
Bis(2-ethylhexyl)phthalate			2200	1700	1500 J	1700
Butyl benzyl phthalate			Not detected	1700	Not detected	1700
Carbazole			Not detected	750	Not detected	750
Chrysene			3600	1700	1000 J	1700
Dibenzo(a,h)anthracene			430 J	1700	Not detected	1700
Dibenzofuran			560 J	1700	Not detected	1700
Diethylphthalate			Not detected	1700	Not detected	1700
Dimethylphthalate	1		Not detected	1700	Not detected	1700
Di-n-butylphthalate			Not detected	1700	Not detected	1700
Di-n-octvlphthalate			Not detected	1700	Not detected	1700
Fluoranthene			7000	1700	1900 J	1700

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Client Sample ID			TP-4		TP-5	
York Sample ID			04030446-01		04030446-02	
Matrix			SOIL	·	SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Fluorene			1100 J	1700	Not detected	1700
Hexachlorobenzene			Not detected	1700	Not detected	1700
Hexachlorobutadiene			Not detected	1700	Not detected	1700
Hexachlorocyclopentadiene			Not detected	1700	Not detected	1700
Hexachloroethane			Not detected	1700	Not detected	1700
Indeno(1,2,3-cd)pyrene			940 J	1700	Not detected	1700
Isophorone			Not detected	1700	Not detected	1700
Naphthalene			960 J	1700	Not detected	1700
Nitrobenzene			Not detected	1700	Not detected	1700
N-Nitrosodi-n-propylamine			Not detected	1700	Not detected	1700
N-Nitrosodiphenylamine			Not detected	1700	Not detected	1700
Phenanthrene			6400	1700	1100 J	1700
Pyrene			6400	1700	1600 J	1700
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221		· · · ·	Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1260			0.08	0.02	0.10	0.02
PCB, Total			0.08	0.02	0.10	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			11200	10.0	17000	10.0
Antimony			16.1	10.0	20.4	10.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			740	10.0	716	10.0
Beryllium			Not detected	5.00	Not detected	5.00
Cadmium			12.8	5.00	8.5	5.00
Calcium			33500	20.0	18800	20.0
Chromium			342	5.00	459	5.00
Cobalt			611	10.0	1020	10.0
Copper			2810	10.0	4670	10.0
Iron			128000	10.0	202000	10.0
Lead			2480	10.0	3520	10.0
Magnesium			6870	20.0	9620	20.0
Manganese			631	10.0	850	10.0
Nickel			262	10.0	443	10.0
Potassium		1	1890	30.0	2680	30.0
Selenium			14.7	10.0	17.0	10.0
Silver			Not detected	10.0	Not detected	10.0
Sodium			16900	50.0	26500	50.0
Thallium			Not detected	10.0	20.7	10.0
Vanadium	<u> </u>	1	81.8	20.0	103	20.0
Zinc			20600	20.0	34200	20.0
Mercury	SW846-7471	mg/kG	0.62	0.10	0.15	0.10

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Client Sample ID			TP-6		<b>TP-7</b>	
York Sample ID			04030446-03		04030446-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4.4'-DDD			Not detected	10	Not detected	10
4.4'-DDE			Not detected	10	Not detected	10
4 4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	5	Not detected	5
Fndosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endosunan suntate			Not detected	10	Not detected	10
Endrin aldebude			Not detected	10	Not detected	10
gamma_BHC (Lindane)			Not detected	10	Not detected	10
Hentachlor			Not detected	10	Not detected	10
Hantachlar anavida			Not detected	10	Not detected	10
Methowychlor			Not detected	50	Not detected	50
Tavanhana			Not detected	200	Not detected	200
	CW046 0260		Not detected	300	Not detected	300
volatiles-8260 list	S W 840-8200	ug/Kg				
1,1,1,2-1 etrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-1 richloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-1 etrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-1 richloroethane			Not detected	5.0	Not detected	5.0
I,I-Dichloroethane			Not detected	5.0	Not detected	5.0
I,I-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-1richlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene	<u> </u>		Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)		ļ	Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene		L	Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0

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Client Sample ID			TP-6		<b>TP-</b> 7	
York Sample ID			04030446-03		04030446-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane		-	Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1 3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Disblandifluoromethene		······································	Not detected	5.0	Not detected	5.0
Ethylhongong			Not detected	5.0	Not detected	5.0
Linyidenzene		+	Not detected	5.0	Not detected	5.0
Hexachiorobuladiene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Metnylene chloride			180 B	5.0	170 B	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes		-	Not detected	5.0	Not detected	5.0
p-lsopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			43	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Base/Neutral Extractables soil	SW846-8270	ug/Kg				
1,2,4-Trichlorobenzene			Not detected	1700	Not detected	1700
1,2-Dichlorobenzene			Not detected	1700	Not detected	1700
1,3-Dichlorobenzene			Not detected	1700	Not detected	1700
1,4-Dichlorobenzene			Not detected	1700	Not detected	1700
2,4-Dinitrotoluene			Not detected	1700	Not detected	1700
2,6-Dinitrotoluene			Not detected	1700	Not detected	1700
2-Chloronaphthalene			Not detected	1700	Not detected	1700
2-Methylnaphthalene			Not detected	1700	Not detected	1700
2-Nitroaniline			Not detected	1700	Not detected	1700
3.3'-Dichlorobenzidine			Not detected	1700	Not detected	1700
3-Nitroaniline			Not detected	1700	Not detected	1700
4-Bromophenvl phenvl ether		-	Not detected	1700	Not detected	1700
4-Chloroaniline			Not detected	1700	Not detected	1700
4-Chlorophenvl phenvl ether			Not detected	1700	Not detected	1700
4-Nitroaniline			Not detected	1700	Not detected	1700
Acenaphthene	•		Not detected	1700	Not detected	1700
Acenanhthylene	· · · · ·	+	Not detected	1700	Not detected	1700
Anthracene		+	260 T	1700	Not detected	1700
Annaconc	<u> </u>		200 J	1 1/00	I wor detected	1/00

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Client Sample ID			TP-6		<b>TP-7</b>	
York Sample ID			04030446-03		04030446-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo(a)anthracene			890 J	1700	410	1700
Benzo(a)pyrene			710 J	1700	350 J	1700
Benzo(b)fluoranthene			770 J	1700	580 J	1700
Benzo(g h i)pervlene			Not detected	1700	Not detected	1700
Benzo(k)fluoranthene			890 J	1700	450 J	1700
Bis(2-chloroethoxy)methane			Not detected	1700	Not detected	1700
Bis(2-chloroethyl)ether			Not detected	1700	Not detected	1700
Bis(2-chloroisopropyl)ether			Not detected	1700	Not detected	1700
Bis(2-ethylbexyl)phthalate			3800	1700	8200	1700
Butyl benzyl phthalate			Not detected	1700	Not detected	1700
Carbazole			Not detected	750	Not detected	750
Chrysene			960 I	1700	630 I	1700
Dihenzo(a h)anthracene			Not detected	1700	Not detected	1700
Dibenzofuran	· · · · ,		Not detected	1700	Not detected	1700
Diethylphthalate			Not detected	1700	Not detected	1700
Dimethylphthalate			Not detected	1700	Not detected	1700
Di n hutvinhthalate		•	Not detected	1700	Not detected	1700
Di-n-outyphthalate			Not detected	1700	Not detected	1700
Elucronthono			1700	1700	for delected	1700
Fluorantinene	· · ·		1700	1700	Not detected	1700
Huorene			Not detected	1700	Not detected	1700
Hexachlorobenzene			Not detected	1700	Not detected	1700
Hexachlorobutadiene			Not detected	1700	Not detected	1700
Hexachiorocyclopentadiene			Not detected	1700	Not detected	1700
Hexachloroethane	·_ · · · -		Not detected	1700	Not detected	1700
Indeno(1,2,3-cd)pyrene			Not detected	1700	Not detected	1700
Isophorone			Not detected	1700	Not detected	1700
Naphthalene			Not detected	1700	Not detected	1700
Nitrobenzene			Not detected	1700	Not detected	1700
N-Nitrosodi-n-propylamine			Not detected	1700	Not detected	1700
N-Nitrosodiphenylamine			Not detected	1700	Not detected	1700
Phenanthrene			950 J	1700	420 J	1700
Pyrene		~~	1600	1700	890 J	1700
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016	· · · · · · · · · · · · · · · · · · ·		Not detected	0.02	Not detected	0.02
PCB 1221		ļ	Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254		ļ.,	Not detected	0.02	0.06	0.02
PCB 1260			0.07	0.02	0.10	0.02
PCB, Total			0.07	0.02	0.16	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum		<u> </u>	14900	10.0	10700	10.0
Antimony			16.0	10.0	31.4	10.0
Arsenic		<u> </u>	13.9	10.0	14.3	10.0
Barium		ļ	1020	10.0	1690	10.0
Beryllium			Not detected	5.00	Not detected	5.00
Cadmium		L	8.9	5.00	30.6	5.00
Calcium			15600	20.0	16300	20.0
Chromium			441	5.00	316	5.00
Cobalt			885	10.0	419	10.0

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Client Sample ID			TP-6		<b>TP-7</b>	
York Sample ID			04030446-03		04030446-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Copper			4510	10.0	2610	10.0
Iron			172000	10.0	111000	10.0
Lead			3740	10.0	3570	10.0
Magnesium			13200	20.0	6380	20.0
Manganese			841	10.0	599	10.0
Nickel			518	10.0	320	10.0
Potassium			2340	30.0	1540	30.0
Selenium			22.7	10.0	14.7	10.0
Silver			Not detected	10.0	Not detected	10.0
Sodium			27500	50.0	14100	50.0
Thallium			13.2	10.0	Not detected	10.0
Vanadium			93.9	20.0	84.0	20.0
Zinc			35600	20.0	19700	20.0
Mercury	SW846-7471	mg/kG	0.17	0.10	0.46	0.10

Client Sample ID			TP-8	
York Sample ID			04030446-05	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg		
4,4'-DDD			Not detected	10
4,4'-DDE			Not detected	10
4,4'-DDT			Not detected	10
Aldrin			Not detected	10
alpha-BHC			Not detected	10
beta-BHC			Not detected	10
Chlordane			Not detected	50
delta-BHC			Not detected	10
Dieldrin			Not detected	5
Endosulfan I			Not detected	10
Endosulfan II			Not detected	10
Endosulfan sulfate			Not detected	10
Endrin			Not detected	10
Endrin aldehyde			Not detected	10
gamma-BHC (Lindane)			Not detected	10
Heptachlor			Not detected	10
Heptachlor epoxide			Not detected	10
Methoxychlor			Not detected	50
Toxaphene			Not detected	300
Volatiles-8260 list	SW846-8260	ug/Kg		
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0

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Client Sample ID			TP-8	
Vork Sample ID			04030446-05	
Matrix		-	SOII	
Parameter	Method	Units	Results	MDL
1.2.3-Trimethylbenzene	litenou		Not detected	5.0
1 2 4-Trichlorobenzene			Not detected	5.0
1.2.4-Trimethylbenzene			250	5.0
1 2-Dibromo-3-chloropropage			Not detected	5.0
1.2-Dibromoethane			Not detected	5.0
1.2-Dichlorobenzene			Not detected	5.0
1 2-Dichloroethane		+	Not detected	5.0
1 2-Dichloroethylene (Total)			Not detected	5.0
1.2-Dichloropropage	······		Not detected	5.0
1 3 5-Trimethylbenzene			60	5.0
1.3-Dichlorobenzene		···	03 Not detected	5.0
1.3 Dichloropropage			Not detected	5.0
1,5-Dichlorobenzene			Not detected	5.0
1,4-Dichlorobovano			Not detected	5.0
			Not detected	5.0
2,2-Dichioropropane			Not detected	5.0
			Not detected	5.0
4-Chlorotoluene			Not detected	5.0
Benzene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0
Bromobenzene			Not detected	5.0
Bromochloromethane			Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromotorm			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dibromomethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			16	5.0
Hexachlorobutadiene			Not detected	5.0
Isopropylbenzene			20	5.0
Methylene chloride			110 B	5.0
Naphthalene			35 B	5.0
n-Butylbenzene			57	5.0
n-Propylbenzene			28	5.0
o-Xylene			24	5.0
p- & m-Xylenes			42	5.0
p-Isopropyltoluene			31	5.0
sec-Butylbenzene			45	5.0
Styrene			Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tetrachloroethylene			Not detected	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	5.0

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Client Sample ID			TP-8	
York Sample ID			04030446-05	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg		
1,2,4-Trichlorobenzene			Not detected	17000
1,2-Dichlorobenzene			Not detected	17000
1.3-Dichlorobenzene			Not detected	17000
1,4-Dichlorobenzene			Not detected	17000
2,4-Dinitrotoluene			Not detected	17000
2,6-Dinitrotoluene			Not detected	17000
2-Chloronaphthalene			Not detected	17000
2-Methylnaphthalene			22000	17000
2-Nitroaniline			Not detected	17000
3,3'-Dichlorobenzidine			Not detected	17000
3-Nitroaniline			Not detected	17000
4-Bromophenyl phenyl ether		-	Not detected	17000
4-Chloroaniline			Not detected	17000
4-Chlorophenyl phenyl ether			Not detected	17000
4-Nitroaniline			Not detected	17000
Acenaphthene			Not detected	17000
Acenaphthylene			Not detected	17000
Anthracene			Not detected	17000
Benzo(a)anthracene			6600 J	17000
Benzo(a)pyrene			5000 J	17000
Benzo(b)fluoranthene			3900 J	17000
Benzo(g,h,i)pervlene			Not detected	17000
Benzo(k)fluoranthene			5400 J	17000
Bis(2-chloroethoxy)methane			Not detected	17000
Bis(2-chloroethyl)ether			Not detected	17000
Bis(2-chloroisopropyl)ether			Not detected	17000
Bis(2-ethylhexyl)phthalate			68000	17000
Butyl benzyl phthalate			22000	17000
Carbazole			Not detected	7500
Chrysene			7500 J	17000
Dibenzo(a,h)anthracene			Not detected	17000
Dibenzofuran			Not detected	17000
Diethylphthalate			Not detected	17000
Dimethylphthalate			Not detected	17000
Di-n-butylphthalate			Not detected	17000
Di-n-octylphthalate			5700 J	17000
Fluoranthene			12000 J	17000
Fluorene			5500 J	17000
Hexachlorobenzene			Not detected	17000
Hexachlorobutadiene			Not detected	17000
Hexachlorocyclopentadiene			Not detected	17000
Hexachloroethane			Not detected	17000
Indeno(1,2,3-cd)pyrene			Not detected	17000
Isophorone			Not detected	17000
Naphthalene			6500 J	17000
Nitrobenzene			Not detected	17000
N-Nitrosodi-n-propylamine			Not detected	17000
N-Nitrosodiphenylamine	·····		Not detected	17000
Phenanthrene			16000 J	17000
Ругепе			13000 J	17000

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Client Sample ID			TP-8	
York Sample ID			04030446-05	
Matrix	· · · · · · · · · · · · · · · · · · ·		SOIL	
Parameter	Method	Units	Results	MDL
РСВ	SW846-3550B/8082	mg/Kg		
PCB 1016			Not detected	0.20
PCB 1221			Not detected	0.20
PCB 1232			Not detected	0.20
PCB 1242			Not detected	0.20
PCB 1248			Not detected	0.20
PCB 1254			Not detected	0.20
PCB 1260			Not detected	0.20
PCB, Total			Not detected	0.20
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg		
Aluminum			8140	10.0
Antimony			Not detected	10.0
Arsenic			11.2	10.0
Barium			751	10.0
Beryllium			Not detected	5.00
Cadmium			5.8	5.00
Calcium			9480	20.0
Chromium			164	5.00
Cobalt			250	10.0
Copper			1560	10.0
Iron			65300	10.0
Lead			1790	10.0
Magnesium			4060	20.0
Manganese			399	10.0
Nickel			123	10.0
Potassium			888	30.0
Selenium			Not detected	10.0
Silver			Not detected	10.0
Sodium			7740	50.0
Thallium			Not detected	10.0
Vanadium			50.4	20.0
Zinc			11100	20.0
Mercury	SW846-7471	mg/kG	0.38	0.10

Units Key:

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For Waters/Liquids: mg/L = ppm; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb


## Report Date: 4/2/2004 Client Project ID: 57-15 49th St. Maspeth York Project No.: 04030446

### Notes for York Project No. 04030446

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.

3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.

4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

5. All samples were received in proper condition for analysis with proper documentation.

6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Man Approved By: Robert Q. Bradley Managing Director

**Date:** 4/2/2004





# **Definitions for FLAGS used as a Results Suffix**

Flags are sometimes used on results to indicate certain occurences during the analysis process. The most common flags used by York are defined below.

### **FLAG**

J

#### **DEFINITION**

J indicates an estimated value. This flag applies to Tentatively Identified Compounds or, when requested, for a target compound whose result is less than the reporting limit but whose mass spectral data meet identification criteria. For example if the reporting limit is listed as 10 ppb and the analysis shows 3 ppb, the result can be reported as 3 J. The client must request the use of J flags for the laboratory to report such flags.

B

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B indicates that the analyte was also found in the associated batch method blank. This flag indicates possible/probable blank contamination and warns the data user to be aware. This mostly applies to the volatiles acetone and methylene chloride and the semi-volatiles bis-(2-ethylhexyl) phthalate and other phthalates.

This flag is used to indicate that the reported concentration of an analyte exceeded the calibration range of the analytical system. In this case the result reported is treated as a minimum value. This often applies where clients request an additional analyte after sample analysis, such as acetone, where the initial analysis did not require dilution since acetone was not a target compound. This flag will also apply if after numerous dilutions a specific target compound would significantly dilute out all other targets.

YORK ANALYTICAL LABORATORIES, INC.	DATE: 3/19/04
120 RESEARCH DRIVE STRATFORD, GT 06615 (203) 325-1371 FAX (203) 357-0166 Telephone Co	ntact Summary
Client Entroscience Contact Tracy	Project No Phone No FAX No
Conversation Notes	he SUDC'S for MASPETH ec BN's, not just PAH's
Action Required M cc: Log-in Saratt	rase adjust jobs in Progress signed MA

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ANALYTICAL L	ABORATOR	ES, INC.		Ē	eld	Cha	in-c	of-Custoc	<b>Jy Recorc</b>	
ONE REE Btamfor (203) 325-1371	SEARCH DRIVE ID, CT 0690( FAX (203) 3	с 6 157-0166							oho	. opplos
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York Analytical Laboratories, Inc.

# **Invoice**

Invoice Date:4/2/2004

Invoice Number: 58961

- To: Enviroscience Consultants, Inc. 33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio
- Remit to: York Analytical Laboratories, Inc—<u>NOTE NEW ADDRESS</u> 120 Research Drive Stratford, CT 06615 Attention: Accounts Receivable

Your Purchase Order/Authorization: Verbal: Greg Menegio

Our Sample References: 04030446

Your Project Reference: 57-15 49th St. Maspeth Samples Received On: 03/15/04

Analysis Name	Quantity	Unit Price	<b>Total Price</b>
Volatiles-8260 list	5	\$90.00	\$450.00
Metals, Target Analyte List(TAL)	5	\$100.00	\$500.00
PCB/Pesticides 8080 List soil	5	\$95.00	\$475.00
Base/Neutral Extractables soil	5	\$140.00	\$700.00
QA/QC Data Package (included)	1	\$0.00	\$0.00
Invoice Total			\$2,125.00

# **Detailed Invoice information**

We appreciate your business and your continued support. We remain committed to supplying you the highest quality and service possible. If you have any questions about this invoice, please contact us at (203) 325-1371.

# **TERMS NET 30 DAYS**

Original Invoice = Blue Copies = White

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# **Technical Report**

prepared for

Enviroscience Consultants, Inc. 33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

Report Date: 4/2/2004 *Re: Client Project ID: 57-15 49th St. Maspeth (Site)* York Project No.: 04030541

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 NJ License No. CT401



120 RESEARCH DRIVE

STRATFORD, CT 06615

FAX (203) 357-0166

Page 1 of 24

(203) 325-1371

Report Date: 4/2/2004 Client Project ID: 57-15 49th St. Maspeth (Site) York Project No.: 04030541

### Enviroscience Consultants, Inc.

33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

### **Purpose and Results**

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 03/18/04. The project was identified as your project "57-15 49th St. Maspeth (Site) ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			MW-10A		MW-10B	
York Sample ID			04030541-01		04030541-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	5	Not detected	5
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10

## Analysis Results



York Sample ID04030541-0104030541-02MatrixSOILSOILSOILParameterMethodUnitsResultsMDLHeptachlor epoxideNot detected10Not detected10MethoxychlorNot detected50Not detected50ToxapheneNot detected300Not detected50ToxapheneNot detected10Not detected501,1,2-TetrachloroethaneSW846-8260ug/Kg1,1,1-TrichloroethaneNot detected10Not detected5.01,1,2-TetrachloroethaneNot detected10Not detected5.01,1,2-TrichloroethaneNot detected10Not detected5.01,1,2-TrichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,2-TrichlorobenzeneNot detected10Not detected5.01,2,3-TrichloroppaneNot detected10Not detected5.01,2,4-TrimethylbenzeneNot detected10Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.0 <th>Client Sample ID</th> <th></th> <th></th> <th>MW-10A</th> <th></th> <th>MW-10B</th> <th></th>	Client Sample ID			MW-10A		MW-10B	
MatrixSOILSOILParameterMethodUnitsResultsMDLResultsMDLHeptachlor epoxideNot detected10Not detected10MethoxychlorNot detected50Not detected50ToxapheneNot detected300Not detected300Volatiles-8260 listSW846-8260ug/Kg1,1,2-TetrachloroethaneNot detected10Not detected5.01,1,2-TetrachloroethaneNot detected10Not detected5.01,1,2-TetrachloroethaneNot detected10Not detected5.01,1,2-TrichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloropropyleneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-Trimethylbenzene2110Not detected5.01,2-DibromoethaneNot detected10Not detected5.01,2-DichloropenzeneNot detected10Not detected5.01,2,4-Trimethylbenzene2110Not detected5.01,2-DibromoethaneNot detected10<	York Sample ID			04030541-01		04030541-02	
ParameterMethodUnitsResultsMDLResultsMDLHeptachlor epoxideNot detected10Not detected10Not detected10MethoxychlorNot detected50Not detected50Not detected50ToxapheneNot detected300Not detected300300Volatiles-8260 listSW846-8260ug/Kg1,1,1,2-TetrachloroethaneNot detected10Not detected5.01,1,2,2-TetrachloroethaneNot detected10Not detected5.01,1,2,2-TetrachloroethaneNot detected10Not detected5.01,1,2-TrichloroethaneNot detected10Not detected5.01,1,2-TrichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,2,3-TrichloropengeneNot detected10Not detected5.01,2,3-TrichloropengeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detecte	Matrix			SOIL		SOIL	
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ToxapheneNot detected300Not detected300Volatiles-8260 listSW846-8260ug/Kg1,1,1_2-TetrachloroethaneNot detected10Not detected5.01,1,2_2-TetrachloroethaneNot detected10Not detected5.01,1,2_2-TetrachloroethaneNot detected10Not detected5.01,1,2_2-TetrachloroethaneNot detected10Not detected5.01,1,2_2-TetrachloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethyleneNot detected10Not detected5.01,2,3-TrichloropropyleneNot detected10Not detected5.01,2,3-TrichloropopaneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-Trinethylbenzene2110Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2,4-TrinethylbenzeneNot detected10Not detected5.01,2-DibromoethaneNot detected10 <td< td=""><td>Methoxychlor</td><td></td><td></td><td>Not detected</td><td>50</td><td>Not detected</td><td>50</td></td<>	Methoxychlor			Not detected	50	Not detected	50
Volatiles-8260 listSW846-8260ug/Kg1,1,1,2-TetrachloroethaneNot detected10Not detected5.01,1,1-TrichloroethaneNot detected10Not detected5.01,1,2,2-TetrachloroethaneNot detected10Not detected5.01,1,2,2-TetrachloroethaneNot detected10Not detected5.01,1,2,2-TetrachloroethaneNot detected10Not detected5.01,1,2-TrichloroethaneNot detected10Not detected5.01,1-DichloroethyleneNot detected10Not detected5.01,1-DichloropropyleneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-Trichlorobenzene2110Not detected5.01,2,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DibromoethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10<	Toxaphene			Not detected	300	Not detected	3.00
1,1,1,2-TetrachloroethaneNot detected10Not detected5.01,1,1,1-TrichloroethaneNot detected10Not detected5.01,1,2,2-TetrachloroethaneNot detected10Not detected5.01,1,2-TrichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethyleneNot detected10Not detected5.01,1-DichloropropyleneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10 <td>Volatiles-8260 list</td> <td>SW846-8260</td> <td>11σ/Κσ</td> <td></td> <td></td> <td></td> <td>500</td>	Volatiles-8260 list	SW846-8260	11σ/Κσ				500
1,1-TrichloroethaneNot detected10Not detected5.01,1,2,2-TetrachloroethaneNot detected10Not detected5.01,1,2,2-TrichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethyleneNot detected10Not detected5.01,1-DichloropropyleneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,3-TrichloropropyleneNot detected10Not detected5.01,2,3-TrichloropropaneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-Trichlorobenzene2110Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not de	1.1.1.2-Tetrachloroethane			Not detected	10	Not detected	5.0
1,1,2,2-TetrachloroethaneNot detected10Not detected5.01,1,2,2-TrichloroethaneNot detected10Not detected5.01,1,2-TrichloroethaneNot detected10Not detected5.01,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethyleneNot detected10Not detected5.01,1-DichloropropyleneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,3-TrichloropropaneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-Trichlorobenzene2110Not detected5.01,2,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethylene (Total)23(cis-)10<	1.1.1-Trichloroethane			Not detected	10	Not detected	5.0
Not detected10Not detected5.01,1,2-TrichloroethaneNot detected10Not detected5.01,1-DichloroethyleneNot detected10Not detected5.01,1-DichloroptyleneNot detected10Not detected5.01,1-DichloroptyleneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,3-TrichloropropaneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-Trichlorobenzene2110Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethylen (Total)23(cis-)10Not detected5.0 <tr<< td=""><td>1.1.2.2-Tetrachloroethane</td><td></td><td></td><td>Not detected</td><td>10</td><td>Not detected</td><td>5.0</td></tr<<>	1.1.2.2-Tetrachloroethane			Not detected	10	Not detected	5.0
1,1-DichloroethaneNot detected10Not detected5.01,1-DichloroethyleneNot detected10Not detected5.01,1-DichloropropyleneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,3-TrichloropropaneNot detected10Not detected5.01,2,3-TrichloropropaneNot detected10Not detected5.01,2,3-TrinethylbenzeneNot detected10Not detected5.01,2,4-TrimethylbenzeneNot detected10Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethylene (Total)23(cis-)10Not detected5.01,2-DichloropropaneNot detected10Not detected5.01,2-DichloropropaneNot detected10Not detected5.01,2-DichloropropaneNot detected10Not dete	1 1 2-Trichloroethane			Not detected	10	Not detected	5.0
1,1-DichloroethyleneNot detected10Not detected5.01,1-DichloropropyleneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,3-TrichloropropaneNot detected10Not detected5.01,2,3-TrichloropropaneNot detected10Not detected5.01,2,3-TrimethylbenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-Trimethylbenzene2110Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DibromoethaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethylene (Total)23(cis-)10Not detected5.01,2-DichloropropaneNot detected10Not detected5.01,2-DichloropropaneNot detected10Not detected5.0	1.1-Dichloroethane			Not detected	10	Not detected	5.0
1,1-DichloropropyleneNot detected10Not detected5.01,1-DichloropropyleneNot detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,3-TrichloropropaneNot detected10Not detected5.01,2,3-TrinethylbenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-Trimethylbenzene2110Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloropropaneNot detected10Not detected5.01,2-DichloropropaneNot detected10Not detected5.01,2-DichloropropaneNot detected10Not detected5.01,2-DichloropropaneNot detected10Not detected5.0	1 1-Dichloroethylene			Not detected	10	Not detected	5.0
1,1 Dimension opposite1 Not detected10Not detected5.01,2,3-TrichlorobenzeneNot detected10Not detected5.01,2,3-TrimethylbenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-Trimethylbenzene2110Not detected5.01,2,4-Trimethylbenzene2110Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DibromoethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethylene (Total)23(cis-)10Not detected5.01,2-DichloropropaneNot detected10Not detected5.0	1 1-Dichloropropylene	······································		Not detected	10	Not detected	5.0
1,2,3-TrichloropropaneNot detected10Not detected5.01,2,3-TrinethylbenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-Trimethylbenzene2110Not detected5.01,2,4-Trimethylbenzene2110Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DibromoethaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethane23(cis-)10Not detected5.01,2-DichloropropaneNot detected10Not detected5.01,2-DichloropropaneNot detected10Not detected5.01,2-DichloropropaneNot detected10Not detected5.0	1.2.3-Trichlorobenzene			Not detected	10	Not detected	5.0
1,2,3-TrimethylbenzeneNot detected10Not detected5.01,2,3-TrimethylbenzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2,4-Trimethylbenzene2110Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DibromoethaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethane23(cis-)10Not detected5.01,2-DichloropropaneNot detected10Not detected5.0	1,2,3 Trichloropropage			Not detected	10	Not detected	5.0
1,2,3-1111eth/10EnzeneNot detected10Not detected5.01,2,4-TrichlorobenzeneNot detected10Not detected5.01,2-Dibromo-3-chloropropane2110Not detected5.01,2-DibromoethaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethane23(cis-)10Not detected5.01,2-DichloropropaneNot detected10Not detected5.0	1,2,3-Trimethylhongone			Not detected	10	Not detected	5.0
1,2,4-Trimethylbenzene10Not detected5.01,2,4-Trimethylbenzene2110Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DibromoethaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethylene (Total)23(cis-)10Not detected5.01,2-DichloropropaneNot detected10Not detected5.0	1,2,3-Triablorabongana			Not detected	10	Not detected	5.0
1,2,4-11methyldenzene2110Not detected5.01,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DibromoethaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethylene (Total)23(cis-)10Not detected5.01,2-DichloropropaneNot detected10Not detected5.0	1,2,4-Themorobenzene			Not detected	10	Not detected	5.0
1,2-Dibromo-3-chloropropaneNot detected10Not detected5.01,2-DibromoethaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethylene (Total)23(cis-)10Not detected5.01,2-DichloropropaneNot detected10Not detected5.0	1,2,4-1 filmethylbenzene			21	10	Not detected	5.0
1,2-DibromoethaneNot detected10Not detected5.01,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethylene (Total)23(cis-)10Not detected5.01,2-DichloropropaneNot detected10Not detected5.0	1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	5.0
1,2-DichlorobenzeneNot detected10Not detected5.01,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethylene (Total)23(cis-)10Not detected5.01,2-DichloropropaneNot detected10Not detected5.0	1,2-Dibromoetnane			Not detected	10	Not detected	5.0
1,2-DichloroethaneNot detected10Not detected5.01,2-Dichloroethylene (Total)23(cis-)10Not detected5.01,2-DichloropropaneNot detected10Not detected5.0	1,2-Dichlorobenzene			Not detected	10	Not detected	5.0
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1,2-Dichloropropane Not detected 10 Not detected 5.0	1,2-Dichloroethylene (Total)			23(cis-)	10	Not detected	5.0
	1,2-Dichloropropane	· · · · · · · · · · · · · · · · · · ·		Not detected	10	Not detected	5.0
1,3,5-Trimethylbenzene 18 10 Not detected 5.0	1,3,5-Trimethylbenzene			18	10	Not detected	5.0
1,3-Dichlorobenzene Not detected 10 Not detected 5.0	1,3-Dichlorobenzene			Not detected	10	Not detected	5.0
1,3-Dichloropropane Not detected 10 Not detected 5.0	1,3-Dichloropropane			Not detected	10	Not detected	5.0
1,4-Dichlorobenzene Not detected 10 Not detected 5.0	1,4-Dichlorobenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	10	Not detected	5.0
1-Chlorohexane Not detected 10 Not detected 5.0	1-Chlorohexane			Not detected	10	Not detected	5.0
2,2-Dichloropropane Not detected 10 Not detected 5.0	2,2-Dichloropropane			Not detected	10	Not detected	5.0
2-Chlorotoluene Not detected 10 Not detected 5.0	2-Chlorotoluene			Not detected	10	Not detected	5.0
4-Chlorotoluene Not detected 10 Not detected 5.0	4-Chlorotoluene			Not detected	10	Not detected	5.0
Benzene Not detected 10 Not detected 5.0	Benzene			Not detected	10	Not detected	5.0
Bromobenzene Not detected 10 Not detected 5.0	Bromobenzene			Not detected	10	Not detected	5.0
Bromochloromethane Not detected 10 Not detected 5.0	Bromochloromethane			Not detected	10	Not detected	5.0
Bromodichloromethane Not detected 10 Not detected 5.0	Bromodichloromethane			Not detected	10	Not detected	5.0
Bromoform Not detected 10 Not detected 5.0	Bromoform			Not detected	10	Not detected	5.0
Bromomethane Not detected 10 Not detected 5.0	Bromomethane		_	Not detected	10	Not detected	5.0
Carbon tetrachloride Not detected 10 Not detected 5.0	Carbon tetrachloride			Not detected	10	Not detected	5.0
Chlorobenzene Not detected 10 Not detected 5.0	Chlorobenzene			Not detected	10	Not detected	5.0
Chloroethane Not detected 10 Not detected 5.0	Chloroethane			Not detected	10	Not detected	5.0
Chloroform Not detected 10 Not detected 5.0	Chloroform			Not detected	10	Not detected	5.0
Chloromethane Not detected 10 Not detected 5.0	Chloromethane			Not detected	10	Not detected	5.0
cis-1,3-Dichloropropylene Not detected 10 Not detected 5.0	cis-1,3-Dichloropropylene			Not detected	10	Not detected	5.0
Dibromochloromethane Not detected 10 Not detected 5.0	Dibromochloromethane			Not detected	10	Not detected	5.0
Dibromomethane Not detected 10 Not detected 5.0	Dibromomethane			Not detected	10	Not detected	5.0
Dichlorodifluoromethane Not detected 10 Not detected 5.0	Dichlorodifluoromethane			Not detected	10	Not detected	5.0
Ethylbenzene Not detected 10 Not detected 5.0	Ethylbenzene		1	Not detected	10	Not detected	5.0
Hexachlorobutadiene Not detected 5.0	Hexachlorobutadiene			Not detected	10	Not detected	5.0
Isopropylbenzene Not detected 10 Not detected 5.0	Isopropylbenzene			Not detected	10	Not detected	5.0
Methylene chloride	Methylene chloride			630 B	10	56 R	5.0
Naphthalene         160 B         10         400 B         5.0	Naphthalene			160 R	10	400 R	5.0
n-Butylbenzene 20 10 Not detected 5.0	n-Butylbenzene			20	10	Not detected	5.0

# YORK

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0.0010400

York Sample ID         04030541-01         94030541-02           Martr         SOIL         SOIL         SOIL           n-Propylenzene         Not detected         10         Not detected         5.0           o-Xylene         Not detected         10         Not detected         5.0           p-Korylense         Not detected         10         Not detected         5.0           p-Korylense         Not detected         10         Not detected         5.0           sce-Butylbenzene         Not detected         10         Not detected         5.0           Tetrachtorethylene         18         10         Not detected         5.0           Tetrachtorethylene         Not detected         10         Not detected         5.0           Tetrachtorethylene         Not detected         10         Not detected         5.0           Trichborothylene         Not detected         10         Not detected         5.0           Trichborothylene         Not detected         10         Not detected         5.0           Totachtorethylene         Not detected         10         Not detected         5.0           Trichborothylene         Not detected         300         Not detected         300	Client Sample ID			MW-10A		MW-10B	
Matrix         SOIL         Results         MDL           Parameter         Method         Units         Results         MDL         Results         MDL           n-Propylhenzene         Not detected         10         Not detected         5.0           o-Xylene         Not detected         10         Not detected         5.0           p-& m-Xytenes         Not detected         10         Not detected         5.0           p-septopylholuene         Not detected         10         Not detected         5.0           syrene         Not detected         10         Not detected         5.0           Tetrablorechylene         Not detected         10         Not detected         5.0           Tohane         Not detected         10         Not detected         5.0           Tricklorochylene         Not detected         10         Not detected         5.0           Tricklorochylene         Not detected         10         Not detected         5.0           Tricklorochylene         Not detected         3000         Not detected         3300           1.2.Dichlorobenzene         Not detected         3300         Not detected         3300           1.2.4.Tricklorobenzene         Not detected </th <th>York Sample ID</th> <th></th> <th></th> <th>04030541-01</th> <th></th> <th>04030541-02</th> <th></th>	York Sample ID			04030541-01		04030541-02	
Parameter         Method         Units         Results         MDL         Results         MDL           n-Propylbenzene         Not detected         10         Not detected         5.0           o-Xylene         Not detected         10         Not detected         5.0           p-& & m-Xylene         Not detected         10         Not detected         5.0           p-& Sprene         Not detected         10         Not detected         5.0           see-Butylbenzene         Not detected         10         Not detected         5.0           Tetrashlorochylene         Not detected         10         Not detected         5.0           Tetrashlorochylene         Not detected         10         Not detected         5.0           Trashlorochylene         Not detected         10         Not detected         5.0           Trichlorofluoromethane         Not detected         10         Not detected         5.0           Trichlorofluoromethane         Not detected         10         Not detected         3.00           1,2-Drichlorobenzene         Not detected         3.00         Not detected         3.300           1,2-Drintoroluene         Not detected         3.000         Not detected         3.300 <th>Matrix</th> <th></th> <th></th> <th>SOIL</th> <th></th> <th>SOIL</th> <th></th>	Matrix			SOIL		SOIL	
n-Propylenzene         Nat detected         10         Not detected         5.0           o.Xylene         Not detected         10         Not detected         5.0           p. & m-Xylenes         Not detected         10         Not detected         5.0           p-soptopyloluene         Not detected         10         Not detected         5.0           sco-butylbenzene         Not detected         10         Not detected         5.0           Tetrablorocthylene         Not detected         10         Not detected         5.0           Tetrablorocthylene         Not detected         10         Not detected         5.0           Trablorocthylene         Not detected         10         Not detected         5.0           Trablorocthylene         Not detected         10         Not detected         5.0           Trablorocthylene         Not detected         10         Not detected         5.0           Trablorothylene         Not detected         3000         Not detected         5.0           Trablorothylene         Not detected         3000         Not detected         3000         Not detected         3000           1,2-Dichlorobenzene         Not detected         3000         Not detected         3000	Parameter	Method	Units	Results	MDL	Results	MDL
o Xylene         Not detected         10         Not detected         50           p - & m-Xylenes         Not detected         10         Not detected         5.0           p - & m-Xylenes         Not detected         10         Not detected         5.0           sec-Burylbenzene         Not detected         10         Not detected         5.0           Tetrachbroethylene         18         10         Not detected         5.0           Tetrachbroethylene         18         10         Not detected         5.0           Totusne         Not detected         10         Not detected         5.0           Trichlorothylene         Not detected         3000         Not detected         3000           1,2-Dichlorobenzene         Not detected         3000         Not detected         3000           1,2-Dichlorobenzene         Not detected         3000         Not detected         3000           2,4-Dinitrotohuene         Not de	n-Propylbenzene			Not detected	10	Not detected	5.0
p-&m-Xylenes         Not detected         10         Not detected         5.0           p-Isopropytoluene         Not detected         10         Not detected         5.0           sec-Butylbenzene         Not detected         10         Not detected         5.0           Styrene         Not detected         10         Not detected         5.0           Tetrachlorochlylene         Not detected         10         Not detected         5.0           Trans-1,3-Dichloropropylene         Not detected         10         Not detected         5.0           Trichlorochlylene         Not detected         10         Not detected         5.0           Trichlorochlucoromethane         Not detected         10         Not detected         5.0           Trichlorobenzene         Not detected         10         Not detected         5.0           Bas/Neutral Extractables soil         SW846-8270         ug/Kg             1,2,4-Tichlorobenzene         Not detected         33000         Not detected         3301           1,2,4-Tichlorobenzene         Not detected         3300         Not detected         330           2,4-Dichlorobenzene         Not detected         3300         Not detected         330	o-Xviene		+	Not detected	10	Not detected	5.0
p-Isopropyloluene         Not detected         10         Not detected         5.0           sec-Burylbenzene         Not detected         10         Not detected         5.0           set-Burylbenzene         Not detected         10         Not detected         5.0           tert-Burylbenzene         Not detected         10         Not detected         5.0           Tetrachloroethylene         18         10         Not detected         5.0           Tams-1,3-Dichloropropylene         Not detected         10         Not detected         5.0           Trichlorofluoromethane         Not detected         10         Not detected         5.0           Trichlorofluoromethane         Not detected         10         Not detected         5.0           Vinjt chloride         14         10         Not detected         5.0           Strichlorobenzene         Not detected         3300         Not detected         330           1,2-Dichlorobenzene         Not detected         3300         Not detected         330           2,4-Dimitrotoluene         Not detected         3300         Not detected         330           2,-Chloropapthalanen         Not detected         3300         Not detected         330 <t< td=""><td>n- &amp; m-Xylenes</td><td></td><td></td><td>Not detected</td><td>10</td><td>Not detected</td><td>5.0</td></t<>	n- & m-Xylenes			Not detected	10	Not detected	5.0
prosperity         Not detected         10         Not detected         5.0           styrene         Not detected         10         Not detected         5.0           Terachlorochlylene         Not detected         10         Not detected         5.0           Terachlorochlylene         Not detected         10         Not detected         5.0           Trans-1,3-Dichloropropylene         Not detected         10         Not detected         5.0           Trichlorochlylene         Not detected         10         Not detected         5.0           Trichlorochlylene         Not detected         10         Not detected         5.0           Trichlorochlucomethane         Not detected         10         Not detected         5.0           Bare/Neutral Extractables soil         SW846-8270         ug/Kg                  1,2,2,4-Trichlorobenzene         Not detected         33000         Not detected         3300         Not detected         3300<	n-Isopropyltoluene			Not detected	10	Not detected	5.0
Bot Styrene         Not detected         10         Not detected         5.0           iert-Burylnenzene         Not detected         10         Not detected         5.0           Tetrachloroethylene         18         10         Not detected         5.0           Trans-1.3Dickloropropylene         Not detected         10         Not detected         5.0           Trinshoroethylene         Not detected         10         Not detected         5.0           Trickloroometiane         Not detected         10         Not detected         5.0           Trickloroometiane         Not detected         10         Not detected         5.0           Tricklorobenzene         Not detected         3000         Not detected         5.0           1,2-Dichlorobenzene         Not detected         33000         Not detected         330           1,4-Dichlorobenzene         Not detected         3300         Not detected         330           2,4-Dimitrotoluene         Not detected         3300         Not detected         330           2,-Chloronaphtalene         Not detected         3300         Not detected         330           2-Chloronaphtalene         Not detected         3300         Not detected         330	sec-Butylbenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	10	Not detected	5.0
tot         Diversity         Not detected         10         Not detected         10           Tetrachloreethylene         18         10         Not detected         5.0           Trans-1,3-Dichloropropylene         Not detected         10         Not detected         5.0           Trichloroethylene         Not detected         10         Not detected         5.0           Trichloroethylene         Not detected         10         Not detected         5.0           Trichloroethylene         Not detected         10         Not detected         5.0           Base/Neutral Extractables soil         SW846-8270         ug/Kg              1,2-4-Trichlorobenzene         Not detected         33000         Not detected         3300         Not detected         330           1,4-Dichlorobenzene         Not detected         33000         Not detected         330         Not detected         330           2,4-Dinitrotoluene         Not detected         3300         Not detected         330           2,4-Dinitrotoluene         Not detected         3300         Not detected         330           2,1-Dichlorobenzidine         Not detected         3300         Not detected         330	Styrene			Not detected	10	Not detected	5.0
Introduction         Interaction         Interaction <thinteraction< th=""> <thinteraction< th=""></thinteraction<></thinteraction<>	tert-Butylbenzene			Not detected	10	Not detected	5.0
Toluene         Not detected         10         Not detected         5.0           Trichlorophypipe         Not detected         10         Not detected         5.0           Trichlorophypiene         Not detected         10         Not detected         5.0           Trichlorophynene         Not detected         10         Not detected         5.0           Vinyl chloride         14         10         Not detected         5.0           Base/Neutral Extractables soil         SW846-8270         ug/Kg              1,2-Dichlorobenzene         Not detected         33000         Not detected         3300         Not detected         330           1,4-Dichlorobenzene         Not detected         33000         Not detected         330         Not detected         330           2,4-Dinitrotoluene         Not detected         33000         Not detected         330         Not detected         330           2,-Mitronaphthalene         Not detected         33000         Not detected         330         2.3:Dichlorobenziane         Not detected         3300         Not detected         330           2,-Mitronaphthalene         Not detected         33000         Not detected         330         2.4:Enorophypinin	Tetrachloroethylene			18	10	Not detected	5.0
Instruction         Instruction <thinstruction< th=""> <thinstruction< th=""></thinstruction<></thinstruction<>	Toluene		1	Not detected	10	Not detected	5.0
Trichloroethylene         Not detected         10         Not detected         5.0           Trichlorofhoromethane         Not detected         10         Not detected         5.0           Vinyl chloride         14         10         Not detected         5.0           Base/Neutral Extractables soil         SW846-8270         ug/Kg              1,2-Dichlorobenzene         Not detected         33000         Not detected         3300         Not detected         3300           1,2-Dichlorobenzene         Not detected         33000         Not detected         3300         Not detected         3300           1,4-Dichlorobenzene         Not detected         33000         Not detected         3300         Not detected         3300           2,6-Dinitotoluene         Not detected         33000         Not detected         3300         Not detected         3300           2-Chloronaphthalene         Not detected         33000         Not detected         3300         Not detected         3300           3.3-Dichlorobenzidine         Not detected         33000         Not detected         3300         Not detected         3300           3.3-Dichlorobenzidine         Not detected         33000         Not detected <td>trans 1.3 Dichloronronylene</td> <td></td> <td></td> <td>Not detected</td> <td>10</td> <td>Not detected</td> <td>5.0</td>	trans 1.3 Dichloronronylene			Not detected	10	Not detected	5.0
Trichlorofluoromethane         Not detected         10         Not detected         5.0           Vinyl chloride         14         10         Not detected         5.0           Base/Neutral Extractables soil         SW846-8270         ug/Kg	Trichloroethylene	· · · · · · · · · · · · · · · · · · ·		Not detected	10	Not detected	5.0
Includio distribution         Includio distribution           Vinyl chloride         14         10         Not detected         5.0           Base/Neutral Extractable soil         SW846-8270         ug/Kg              1,2,4-Trichlorobenzene         Not detected         33000         Not detected         3300         Not detected         3300           1,2-Dichlorobenzene         Not detected         33000         Not detected         3300         Not detected         3300           2,4-Dinitrotoluene         Not detected         33000         Not detected         3300         Not detected         3300           2,Chloronaphthalene         Not detected         33000         Not detected         33000         Not detected         3300           2-Nitroaniline         Not detected         33000         Not detected         3300         Not detected         3300           3.3-Dichlorobenzidine         Not detected         33000         Not detected         3300         Not detected         3300           4-Bromophenyl phenyl ether         Not detected         33000         Not detected         3300         Not detected         330           4-Chloropaniline         Not detected         33000         Not detected	Trichlorofluoromethana			Not detected	10	Not detected	5.0
Instruction         Instruction <thinstruction< th=""> <thinstruction< th=""></thinstruction<></thinstruction<>	Vinyl chloride		<u> </u>	14	10	Not detected	5.0
Base/Neutral Extractables Solit         SW 640-52/0         Ug/kg	Page/Neutral Entreate has soil	SW046 0270		14	10	Not detected	3.0
1,2,4-Thenkorobenzene         Nord attected         33000         Nord attected         330           1,3-Dichlorobenzene         Nord attected         33000         Nord attected         330           1,4-Dichlorobenzene         Nord attected         33000         Nord attected         3300           2,4-Dinitrotoluene         Nord attected         33000         Nord attected         3300           2,6-Dinitrotoluene         Nord attected         33000         Nord attected         3300           3,3'-Dichlorobenzidine         Nord attected         33000         Nord attected         3300           3,3'-Dichlorobenzidine         Nord attected         33000         Nord attected         3300           4-Bromophenyl phenyl ether         Nord attected         33000         Nord attected         3300           4-Chlorophinyl phenyl ether         Nord attected </td <td>Base/Neutral Extractables soli</td> <td>5W840-8270</td> <td>ug/Kg</td> <td> NT-4 1-441</td> <td></td> <td> DT-4 -1-441</td> <td>220</td>	Base/Neutral Extractables soli	5W840-8270	ug/Kg	 NT-4 1-441		 DT-4 -1-441	220
1,2-Dichlorobenzene       Not detected       3300       Not detected       330         1,4-Dichlorobenzene       Not detected       3300       Not detected       330         2,4-Dinitrotoluene       Not detected       3300       Not detected       330         2,4-Dinitrotoluene       Not detected       3300       Not detected       330         2,Chloronaphthalene       Not detected       3300       Not detected       330         2-Chloronaphthalene       Not detected       3300       Not detected       330         2-Methylnaphthalene       Not detected       3300       Not detected       330         3,3'-Dichlorobenzidine       Not detected       3300       Not detected       3300         4-Bromophenyl phenyl ether       Not detected       33000       Not detected       3300         4-Chloroanline       Not detected       33000       Not detected       3300         4-Chlorophenyl phenyl ether       Not detected       33000       Not detected       3300         4-Chlorophenyl phenyl ether       Not detected       33000       Not detected       3300         4-Chlorophenyl phenyl ether       Not detected       33000       Not detected       3300         A-chintracene       Not detecte	1,2,4-1 richlorobenzene			Not detected	33000	Not detected	330
1,4-Dichlorobenzene         Not detected         3300         Not detected         330           1,4-Dichlorobenzene         Not detected         3300         Not detected         330           2,4-Dinitrotoluene         Not detected         3300         Not detected         330           2,6-Dinitrotoluene         Not detected         3300         Not detected         3300         Not detected         330           2Chloronaphthalene         Not detected         33000         Not detected         3300         Not detected         330           2Nitroaniline         Not detected         33000         Not detected         3300         Not detected         330           3.3'-Dichlorobenzidine         Not detected         33000         Not detected         3300         Not detected         330           4-Bromophenyl phenyl ether         Not detected         33000         Not detected         3300         Not detected         330           4-Chlorophenyl phenyl ether         Not detected         33000         Not detected         3300         Not detected         3300           4-Nitroaniline         Not detected         33000         Not detected         3300         Not detected         3300           Acenaphthylene         Not detected	1,2-Dichlorobenzene			Not detected	33000	Not detected	330
1,4-Dichlorobenzene         Not detected         33000         Not detected         33000           2,4-Dinitrotoluene         Not detected         33000         Not detected         33000           2,6-Dinitrotoluene         Not detected         33000         Not detected         33000           2Methylnaphthalene         Not detected         33000         Not detected         33000           2Methylnaphthalene         Not detected         33000         Not detected         33000           3.3'-Dichlorobenzidine         Not detected         33000         Not detected         33000           3.3'-Dichlorobenzidine         Not detected         33000         Not detected         33000           4-Bromophenyl phenyl ether         Not detected         33000         Not detected         33000           4-Chlorophenyl phenyl ether         Not detected         33000         Not detected         33000           4-Nitroaniline         Not detected         33000         Not detected         33000         Not detected         3300           4-Chlorophenyl phenyl ether         Not detected         33000         Not detected         33000         Not detected         3300           4-Nitroaniline         Not detected         33000         Not detected <t< td=""><td>1,3-Dichlorobenzene</td><td></td><td></td><td>Not detected</td><td>33000</td><td>Not detected</td><td>330</td></t<>	1,3-Dichlorobenzene			Not detected	33000	Not detected	330
2,4-Dimitrotoluene         Not detected         33000         Not detected         3300           2,6-Dimitrotoluene         Not detected         33000         Not detected         3300           2-Chloronaphthalene         Not detected         33000         Not detected         3300           2-Mitroaniline         Not detected         33000         Not detected         33000         Not detected         3300           3-Nitroaniline         Not detected         33000         Not detected         33000         Not detected         3300           4-Bromophenyl phenyl ether         Not detected         33000         Not detected         33000         Not detected         3300           4-Chloronalline         Not detected         33000         Not detected         33000         Not detected         3300           4-Chloronalline         Not detected         33000         Not detected         33000         Not detected         3300           4-Chloronalline         Not detected         33000         Not detected         33000         Not detected         3300           4-Chloronalline         Not detected         33000         Not detected         33000         Not detected         3300           Acenaphthylene         Not detected         3	1,4-Dichlorobenzene			Not detected	33000	Not detected	330
2,6-Dinitrotoluene         Not detected         33000         Not detected         3300           2-Methylnaphthalene         Not detected         33000         Not detected         3300           2-Mitroaniline         Not detected         33000         Not detected         3300           3,3'-Dichlorobenzidine         Not detected         33000         Not detected         3300           3,3'-Dichlorobenzidine         Not detected         33000         Not detected         3300           3,3'-Dichlorobenzidine         Not detected         33000         Not detected         3300           4-Bromophenyl phenyl ether         Not detected         33000         Not detected         3300           4-Chlorophenyl phenyl ether         Not detected         33000         Not detected         3300           4-Chlorophenyl phenyl ether         Not detected         33000         Not detected         3300           4-Chlorophenyl phenyl ether         Not detected         33000         Not detected         3300           4-Chlorophenyl phenyl ether         Not detected         33000         Not detected         3300           4-Chlorophenyl phenyl ether         Not detected         33000         63 J         330           3-Chlorophylphen         Not detected <td>2,4-Dinitrotoluene</td> <td></td> <td></td> <td>Not detected</td> <td>33000</td> <td>Not detected</td> <td>330</td>	2,4-Dinitrotoluene			Not detected	33000	Not detected	330
2-Chloronapithalene         Not detected         33000         Not detected         3300           2-Methylnaphthalene         Not detected         33000         Not detected         3300           2-Nitroaniline         Not detected         33000         Not detected         3300           3,3'-Dichlorobenzidine         Not detected         33000         Not detected         3300           3-Nitroaniline         Not detected         33000         Not detected         3300           4-Bromophenyl phenyl ether         Not detected         33000         Not detected         3300           4-Chloroaniline         Not detected         33000         Not detected         3300           4-Chloroaniline         Not detected         33000         Not detected         3300           4-Chloroaniline         Not detected         33000         Not detected         3300           A-cenaphthene         Not detected         33000         100         330           Accenaphthylene         Not detected         33000         1800         330           Benzo(a)anthracene         Not detected         33000         1800         330           Benzo(g)hluoranthene         Not detected         33000         1200         330	2,6-Dinitrotoluene			Not detected	33000	Not detected	330
2-MethylnaphthaleneNot detected33000190 J3302-NitroanilineNot detected33000Not detected3303-NitroanilineNot detected33000Not detected33003-NitroanilineNot detected33000Not detected33004-Bromophenyl phenyl etherNot detected33000Not detected33004-ChloroanilineNot detected33000Not detected33004-Chlorophenyl phenyl etherNot detected33000Not detected33004-NitroanilineNot detected33000Not detected33004-NitroanilineNot detected33000Ard tetected3300AcenaphthyleneNot detected3300063 J330AcenaphthyleneNot detected330001100330Benzo(a)anthraceneNot detected330001800330Benzo(a)pyreneNot detected330001200330Benzo(b)fluorantheneNot detected330001400330Benzo(k)fluorantheneNot detected33000Not detected3300Bis(2-chloroethoxy)methaneNot detected33000Not detected3300Bis(2-chloroethycy)methaneNot detected33000Not detected3300Bis(2-chloroethycy)methaneNot detected33000Not detected3300Bis(2-chloroethycy)methaneNot detected33000Not detected3300Bis(2-chloroethycy)methaneNot detected33000	2-Chloronaphthalene			Not detected	33000	Not detected	330
2-NitroanilineNot detected3300Not detected3303,3'-DichlorobenzidineNot detected3300Not detected3303-NitroanilineNot detected33000Not detected33004-Bromophenyl phenyl etherNot detected33000Not detected33004-ChloroanilineNot detected33000Not detected33004-Chlorophenyl phenyl etherNot detected33000470330AcenaphtheneNot detected33000100330Benzo(a)anthraceneNot detected330001800330Benzo(a)anthraceneNot detected330001800330Benzo(b)fluorantheneNot detected330001400330Benzo(k)fluorantheneNot detected33000Not detected3300Bis(2-chloroethoxy)methaneNot detected33000Not detected330Bis(2-chloroethoxy)methaneNot detected33000Not detected330Bis(2-chlorosiopropyl)etherNot detected33000Not detected330Bis(2-chlorosiopropyl)etherNot detected33000Not detected330Bis(2-chloro	2-Methylnaphthalene			Not detected	33000	190 J	330
3,3'-Dichlorobenzidine         Not detected         33000         Not detected         3300           3-Nitroaniline         Not detected         33000         Not detected         3300           4-Bromophenyl phenyl ether         Not detected         33000         Not detected         3300           4-Chloronaline         Not detected         33000         Not detected         3300           4-Chlorophenyl phenyl ether         Not detected         33000         Not detected         3300           4-Nitroaniline         Not detected         33000         Not detected         3300           A-cenaphthene         Not detected         33000         Not detected         3300           Accenaphthene         Not detected         33000         470         330           Accenaphthene         Not detected         33000         1100         330           Benzo(a)anthracene         Not detected         33000         1800         330           Benzo(b)fluoranthene         Not detected         33000         1300         330           Benzo(b)fluoranthene         Not detected         33000         1400         330           Benzo(b)fluoranthene         Not detected         33000         1400         330 <t< td=""><td>2-Nitroaniline</td><td></td><td></td><td>Not detected</td><td>33000</td><td>Not detected</td><td>330</td></t<>	2-Nitroaniline			Not detected	33000	Not detected	330
3-Nitroaniline         Not detected         33000         Not detected         3300           4-Bromophenyl phenyl ether         Not detected         33000         Not detected         3300           4-Chlorophenyl phenyl ether         Not detected         33000         Not detected         3300           4-Chlorophenyl phenyl ether         Not detected         33000         Not detected         3300           4-Nitroaniline         Not detected         33000         Not detected         3300           Acenaphthene         Not detected         33000         470         330           Acenaphthylene         Not detected         33000         470         330           Acenaphthylene         Not detected         33000         1100         330           Benzo(a)anthracene         Not detected         33000         1100         330           Benzo(a)pyrene         Not detected         33000         1300         330           Benzo(bfluoranthene         Not detected         33000         1400         330           Benzo(g,h,i)perylene         Not detected         33000         1400         330           Bis(2-chloroethyl)ether         Not detected         33000         Not detected         3300	3,3'-Dichlorobenzidine			Not detected	33000	Not detected	330
4-Bromophenyl phenyl ether         Not detected         33000         Not detected         33000           4-Chloroaniline         Not detected         33000         Not detected         3300           4-Chlorophenyl phenyl ether         Not detected         33000         Not detected         3300           4-Nitroaniline         Not detected         33000         Not detected         3300           Acenaphthene         Not detected         33000         470         330           Acenaphthene         Not detected         33000         63.J         330           Acenaphthene         Not detected         33000         1100         330           Acenaphthene         Not detected         33000         1100         330           Benzo(a)pyrene         Not detected         33000         1300         330           Benzo(a)pyrene         Not detected         33000         1300         330           Benzo(b)fluoranthene         Not detected         33000         1400         330           Benzo(k)fluoranthene         Not detected         33000         1400         330           Benzo(k)fluoranthene         Not detected         33000         Not detected         3300           Bis(2-chloroethoxy)methane	<u>3-Nitroaniline</u>	·······		Not detected	33000	Not detected	330
4-ChloroanlineNot detected3300Not detected33004-Chlorophenyl phenyl etherNot detected33000Not detected33004-NitroanilineNot detected33000Not detected33004-NitroanilineNot detected33000Not detected3300AcenaphtheneNot detected33000470330AcenaphthyleneNot detected3300063 J330AcenaphthyleneNot detected330001100330Benzo(a)anthraceneNot detected330001800330Benzo(a)pyreneNot detected330001200330Benzo(g),hi)peryleneNot detected330001200330Benzo(k)fluorantheneNot detected330001400330Bis(2-chloroethoxy)methaneNot detected33000Not detected3300Bis(2-chloroethyl)etherNot detected33000Not detected3300Bis(2-chloroisopropyl)etherNot detected </td <td>4-Bromophenyl phenyl ether</td> <td></td> <td></td> <td>Not detected</td> <td>33000</td> <td>Not detected</td> <td>330</td>	4-Bromophenyl phenyl ether			Not detected	33000	Not detected	330
4-Chlorophenyl phenyl etherNot detected3300Not detected3304-NitroanilineNot detected33000Not detected3300AcenaphtheneNot detected33000470330AcenaphthyleneNot detected3300063 J330AcenaphthyleneNot detected3300063 J330Benzo(a)anthraceneNot detected330001100330Benzo(a)pyreneNot detected330001300330Benzo(b)fluorantheneNot detected330001200330Benzo(k)fluorantheneNot detected330001400330Benzo(k)fluorantheneNot detected330001400330Bis(2-chloroethoxy)methaneNot detected33000Not detected3300Bis(2-chloroethyl)etherNot detected33000Not detected3300Bis(2-chloroethyl)etherNot detected33000Not detected3300Bis(2-chloroethyl)etherNot detected33000Not detected3300Bis(2-chloroethyl)etherNot detected33000Not detected3300Bis(2-chloroethyl)pthalate4400003300Not detected3300Bis(2-chloroethyl)pthalateNot detected33000Not detected3300Bis(2-chloroethyl)pthalateNot detected33000Not detected3300Bis(2-chloroethyl)pthalateNot detected33000Not detected3300Bis(2-chloroethyl)pthalateNot detected33000 <td>4-Chloroaniline</td> <td></td> <td></td> <td>Not detected</td> <td>33000</td> <td>Not detected</td> <td>330</td>	4-Chloroaniline			Not detected	33000	Not detected	330
4-NitroanilineNot detected3300Not detected330AcenaphtheneNot detected33000470330AcenaphthyleneNot detected3300063 J330AcenaphthyleneNot detected330001100330Benzo(a)anthraceneNot detected330001100330Benzo(a)anthraceneNot detected330001300330Benzo(a)pyreneNot detected330001200330Benzo(b)fluorantheneNot detected330001400330Benzo(b)fluorantheneNot detected330001400330Benzo(b)fluorantheneNot detected33000Not detected3300Benzo(b)fluorantheneNot detected33000Not detected3300Bis(2-chloroethyl)etherNot detected33000Not detected3300Bis(2-chloroethyl)ptherNot detected33000Not detected3300Bis(2-chloroisopropyl)etherNot detected33000Not detected3300Bis(2-thylhexyl)phthalateNot detected33000Not detected3300ChryseneNot detected330001600330DibenzofuranNot detected33000Not detected3300DibenzofuranNot detected33000Not detected3300DibenzofuranNot detected33000Not detected3300DibenzofuranNot detected33000Not detected3300DibenzofuranNot detected <td>4-Chlorophenyl phenyl ether</td> <td></td> <td></td> <td>Not detected</td> <td>33000</td> <td>Not detected</td> <td>330</td>	4-Chlorophenyl phenyl ether			Not detected	33000	Not detected	330
AcenaphtheneNot detected33000470330AcenaphthyleneNot detected3300063 J330AcenaphthyleneNot detected3300063 J330Benzo(a)anthraceneNot detected330001100330Benzo(a)pyreneNot detected330001800330Benzo(b)fluorantheneNot detected330001200330Benzo(g,h,i)peryleneNot detected330001400330Benzo(k)fluorantheneNot detected330001400330Benzo(k)fluorantheneNot detected33000Not detected3300Bis(2-chloroethoxy)methaneNot detected33000Not detected330Bis(2-chloroethyl)etherNot detected33000Not detected330Bis(2-chloroisopropyl)etherNot detected33000Not detected330Bis(2-chloroisopropyl)etherNot detected33000Not detected3300Bis(2-chlyhexyl)phthalateNot detected33000Not detected3300CarbazoleNot detected1500Not detected33001600330Dibenzo(a,h)anthraceneNot detected33000140330Dibenzo(a,h)anthraceneNot detected330001600330DibenzofuranNot detected330001600330DibenzofuranNot detected33000Not detected3300DibenzofuranNot detected33000Not detected3300D	4-Nitroaniline			Not detected	33000	Not detected	330
AcenaphthyleneNot detected330063 J330AnthraceneNot detected330001100330Benzo(a)anthraceneNot detected330001800330Benzo(a)pyreneNot detected330001300330Benzo(a)pyreneNot detected330001200330Benzo(g,h,i)peryleneNot detected330001200330Benzo(g,h,i)peryleneNot detected330001400330Benzo(k)fluorantheneNot detected33000Not detected3300Bis(2-chloroethoxy)methaneNot detected33000Not detected3300Bis(2-chloroethyl)etherNot detected33000Not detected3300Bis(2-chloroisopropyl)etherNot detected33000Not detected3300Bis(2-chlylnexyl)phthalate4400003300Not detected3300Bis(2-chlylnexyl)phthalateNot detected33000Not detected3300CarbazoleNot detected330001600330Dibenzo(a,h)anthraceneNot detected33000190 J330DibenzofuranNot detected33000Not detected3300DibenzofuranNot detected33000Not detected3300DibenzofuranNot detected33000Not detected3300Dien-butylphthalateNot detected33000Not detected3300Din-n-otylphthalateNot detected33000Not detected3300Di-n-octylphtha	Acenaphthene			Not detected	33000	470	330
AnthraceneNot detected330001100330Benzo(a)anthraceneNot detected330001800330Benzo(a)pyreneNot detected330001300330Benzo(b)fluorantheneNot detected330001200330Benzo(g,h,i)peryleneNot detected330001200330Benzo(k)fluorantheneNot detected330001400330Benzo(k)fluorantheneNot detected330001400330Benzo(k)fluorantheneNot detected33000Not detected3300Bis(2-chloroethoxy)methaneNot detected33000Not detected3300Bis(2-chloroethyl)etherNot detected33000Not detected3300Bis(2-chloroisopropyl)etherNot detected33000Not detected3300Bis(2-chloroisopropyl)etherNot detected33000Not detected3300Butyl benzyl phthalateNot detected33000Not detected3300CarbazoleNot detected330001600330Dibenzo(a,h)anthraceneNot detected33000190 J330DibenzofuranNot detected33000Not detected3300DibenzofuranNot detected33000Not detected3300Din-butylphthalateNot detected33000Not detected3300Di-n-butylphthalateNot detected33000Not detected3300Di-n-octylphthalateNot detected33000Not detected3300	Acenaphthylene			Not detected	33000	63 J	330
Benzo(a)anthraceneNot detected33001800330Benzo(a)pyreneNot detected330001300330Benzo(b)fluorantheneNot detected330001200330Benzo(g,h,i)peryleneNot detected330001400330Benzo(k)fluorantheneNot detected330001400330Benzo(k)fluorantheneNot detected33000Not detected3300Bis(2-chloroethoxy)methaneNot detected33000Not detected3300Bis(2-chloroethyl)etherNot detected33000Not detected330Bis(2-chloroisopropyl)etherNot detected33000Not detected3300Bis(2-ethylhexyl)phthalate44000033000Not detected330Butyl benzyl phthalateNot detected1500Not detected3300CarbazoleNot detected330001600330Dibenzo(a,h)anthraceneNot detected33000340330DibenzofuranNot detected33000Not detected3300DibenzofuranNot detected33000Not detected3300Di-n-butylphthalateNot detected33000Not detected3300Di-n-octylphthalateNot detected33000Not detected3300Di-n-octylphthalateNot detected33000Not detected3300Di-n-octylphthalate9700 J33000Not detected3300Di-n-octylphthalate9700 J33000Not detected3300 <td>Anthracene</td> <td></td> <td></td> <td>Not detected</td> <td>33000</td> <td>1100</td> <td>330</td>	Anthracene			Not detected	33000	1100	330
Benzo(a)pyreneNot detected330001300330Benzo(b)fluorantheneNot detected330001200330Benzo(g,h,i)peryleneNot detected33000360330Benzo(k)fluorantheneNot detected330001400330Bis(2-chloroethoxy)methaneNot detected33000Not detected3300Bis(2-chloroethyl)etherNot detected33000Not detected330Bis(2-chloroisopropyl)etherNot detected33000Not detected330Bis(2-chloroisopropyl)etherNot detected33000Not detected330Bis(2-ethylhexyl)phthalate44000033000Not detected330Butyl benzyl phthalateNot detected33000Not detected330CarbazoleNot detected330001600330Dibenzo(a,h)anthraceneNot detected33000340330DibenzofuranNot detected33000Not detected3300DibenzylphthalateNot detected33000Not detected3300DibenzofuranNot detected33000Not detected3300DibenzofuranNot detected33000Not detected3300Din-n-butylphthalateNot detected33000Not detected330Di-n-octylphthalateNot detected33000Not detected330Di-n-octylphthalate9700 J33000Not detected330Di-n-octylphthalate9700 J33000Not detected330	Benzo(a)anthracene			Not detected	33000	1800	330
Benzo(b)fluorantheneNot detected330001200330Benzo(g,h,i)peryleneNot detected33000360330Benzo(k)fluorantheneNot detected330001400330Bis(2-chloroethoxy)methaneNot detected33000Not detected3300Bis(2-chloroethyl)etherNot detected33000Not detected330Bis(2-chloroisopropyl)etherNot detected33000Not detected330Bis(2-chloroisopropyl)etherNot detected33000Not detected330Bis(2-chlylbexyl)phthalate44000033000Not detected330Butyl benzyl phthalateNot detected33000Not detected330CarbazoleNot detected15000Not detected150ChryseneNot detected330001400330Dibenzo(a,h)anthraceneNot detected330001400330DibenzofuranNot detected330001400330DibenzofuranNot detected33000190 J330Din-butylphthalateNot detected33000Not detected3300Di-n-butylphthalateNot detected33000Not detected3300Di-n-octylphthalateNot detected33000Not detected3300Di-n-octylphthalateNot detected33000Not detected3300Di-n-octylphthalateNot detected33000Not detected3300Di-n-octylphthalateNot detected33000Not detected	Benzo(a)pyrene			Not detected	33000	1300	330
Benzo(g,h,i)peryleneNot detected33000360330Benzo(k)fluorantheneNot detected330001400330Bis(2-chloroethoxy)methaneNot detected33000Not detected3300Bis(2-chloroethyl)etherNot detected33000Not detected3300Bis(2-chloroisopropyl)etherNot detected33000Not detected3300Bis(2-chloroisopropyl)etherNot detected33000Not detected3300Bis(2-chlylexyl)phthalate44000033000Not detected3300Butyl benzyl phthalateNot detected33000Not detected3300CarbazoleNot detected15000Not detected1500ChryseneNot detected330001600330Dibenzo(a,h)anthraceneNot detected33000190 J330DiethylphthalateNot detected33000Not detected3300DiethylphthalateNot detected33000Not detected3300Din-butylphthalateNot detected33000Not detected3300Di-n-butylphthalateNot detected33000Not detected3300Di-n-octylphthalate9700 J33000Not detected3300Di-n-octylphthalateNot detected33000Not detected3300Di-n-octylphthalateNot detected33000Not detected3300Di-n-octylphthalateNot detected33000Not detected3300Di-n-octylphthalateNot detected33	Benzo(b)fluoranthene			Not detected	33000	1200	330
Benzo(k)fluorantheneNot detected33001400330Bis(2-chloroethoxy)methaneNot detected33000Not detected3300Bis(2-chlorosthyl)etherNot detected33000Not detected3300Bis(2-chloroisopropyl)etherNot detected33000Not detected3300Bis(2-chlorosthyl)phthalate44000033000Not detected330Butyl benzyl phthalateNot detected33000Not detected330CarbazoleNot detected15000Not detected150ChryseneNot detected330001600330Dibenzo(a,h)anthraceneNot detected33000190 J330DibenzofuranNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected330DinethylphthalateNot detected33000Not detected330DinethylphthalateNot detected33000Not detected330Din-butylphthalateNot detected33000Not detected330Di-n-cutylphthalateNot detected33000Not detected330Di-n-octylphthalate9700 J33000Not detected330EluorantheneNot detected33000Not detected330Di-n-octylphthalate9700 J33000Not detected330Di-n-octylphthalate9700 J33000Not detected330Di-n-octylphthalateNot detected33000Not detected330	Benzo(g,h,i)perylene			Not detected	33000	360	330
Bis(2-chloroethoxy)methaneNot detected33000Not detected3300Bis(2-chloroisopropyl)etherNot detected33000Not detected3300Bis(2-chlylhexyl)phthalate44000033000Not detected3300Butyl benzyl phthalate44000033000Not detected3300CarbazoleNot detected15000Not detected1500ChryseneNot detected3300016003300Dibenzo(a,h)anthraceneNot detected33000190 J3300DibenzofuranNot detected33000Not detected3300DibenzofuranNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected3300Di-n-octylphthalateNot detected33000Not detected3300Di-n-octylphthalate9700 J33000Not detected3300ElhorantheneNot detected33000Not detected3300Di-n-octylphthalate9700 J33000Not detected3300ElhorantheneNot detected33000Not detected3300Di-n-octylphthalate9700 J33000Not detected3300	Benzo(k)fluoranthene			Not detected	33000	1400	330
Bis(2-chloroethyl)etherNot detected33000Not detected3300Bis(2-chloroisopropyl)etherNot detected33000Not detected3300Bis(2-ethylhexyl)phthalate44000033000Not detected3300Butyl benzyl phthalateNot detected33000Not detected3300CarbazoleNot detected15000Not detected1500ChryseneNot detected3300016003300Dibenzo(a,h)anthraceneNot detected33000190 J330DibenzofuranNot detected33000340330DiethylphthalateNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected3300Din-butylphthalateNot detected33000Not detected3300Di-n-octylphthalate9700 J33000Not detected330Di-noctylphthalateNot detected33000Not detected330Di-noctylphthalate9700 J33000Not detected330Di-noctylphthalate9700 J33000Not detected330Di-notylphthalate9700 J33000Not detected330Di-notylphthalate9700 J33000Not detected330Di-notylphthalate9700 J33000Not detected330Di-noty	Bis(2-chloroethoxy)methane			Not detected	33000	Not detected	330
Bis(2-chloroisopropyl)etherNot detected33000Not detected3300Bis(2-ethylhexyl)phthalate44000033000Not detected3300Butyl benzyl phthalateNot detected33000Not detected3300CarbazoleNot detected15000Not detected1500ChryseneNot detected330001600330Dibenzo(a,h)anthraceneNot detected33000190 J330DibenzofuranNot detected33000340330DiethylphthalateNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected3300Din-butylphthalateNot detected33000Not detected3300Di-n-octylphthalate9700 J33000Not detected330Di-noctylphthalateNot detected33000Not detected330Di-notylphthalate9700 J33000Not detected330Di-notylphthalate9700 J33000Not detected330Di-notylphthalate9700 J33000Not detected330Di-notylphthalate9700 J33000Not detected330Di-notylphthalate9700 J330000330Di-notylphthalateNot detected330000330Di-notylphthalate9700 J <t< td=""><td>Bis(2-chloroethyl)ether</td><td></td><td></td><td>Not detected</td><td>33000</td><td>Not detected</td><td>330</td></t<>	Bis(2-chloroethyl)ether			Not detected	33000	Not detected	330
Bis(2-ethylhexyl)phthalate44000033000Not detected330Butyl benzyl phthalateNot detected33000Not detected330CarbazoleNot detected15000Not detected150ChryseneNot detected330001600330Dibenzo(a,h)anthraceneNot detected33000190 J330DibenzofuranNot detected33000340330DiethylphthalateNot detected33000Not detected3300DimethylphthalateNot detected33000Not detected330Di-n-butylphthalateNot detected33000Not detected330Di-n-octylphthalate9700 J33000Not detected330Di-n-octylphthalateNot detected33000Not detected330Di-n-otylphthalate9700 J33000Not detected330Di-n-otylphthalate9700 J330000320Di-n-otylphthalate9700 J330000320Di-n-otylphthalate9700 J330001010<	Bis(2-chloroisopropyl)ether			Not detected	33000	Not detected	330
Butyl benzyl phthalateNot detected33000Not detected330CarbazoleNot detected15000Not detected150ChryseneNot detected330001600330Dibenzo(a,h)anthraceneNot detected33000190 J330DibenzofuranNot detected33000340330DiethylphthalateNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected330Di-n-butylphthalateNot detected33000Not detected330Di-n-octylphthalate9700 J33000Not detected330Di-n-octylphthalateNot detected33000Not detected330Di-n-otylphthalate9700 J33000Not detected330Di-n-otylphthalate9700 J33000Not detected330	Bis(2-ethylhexyl)phthalate			440000	33000	Not detected	330
CarbazoleNot detected15000Not detected150ChryseneNot detected330001600330Dibenzo(a,h)anthraceneNot detected33000190 J330DibenzofuranNot detected33000340330DiethylphthalateNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected330DinethylphthalateNot detected33000Not detected330Din-n-butylphthalateNot detected33000Not detected330Di-n-octylphthalate9700 J33000Not detected330Di-n-ottylphthalateNot detected33000Not detected330Di-n-ottylphthalate9700 J33000Not detected330ChrosenseNot detected33000330330Di-n-ottylphthalate9700 J33000330	Butyl benzyl phthalate		1	Not detected	33000	Not detected	330
ChryseneNot detected330001600330Dibenzo(a,h)anthraceneNot detected33000190 J330DibenzofuranNot detected33000340330DiethylphthalateNot detected33000Not detected3300DinethylphthalateNot detected33000Not detected330DinethylphthalateNot detected33000Not detected330Dinn-butylphthalateNot detected33000Not detected330Dinn-octylphthalate9700 J33000Not detected330Dinn-octylphthalate9700 J33000Not detected330Dinn-octylphthalate9700 J33000Not detected330	Carbazole		1	Not detected	15000	Not detected	150
Dibenzo(a,h)anthraceneNot detected33000190 J330DibenzofuranNot detected33000340330DiethylphthalateNot detected33000Not detected3300DimethylphthalateNot detected33000Not detected330Din-n-butylphthalateNot detected33000Not detected330Di-n-octylphthalate9700 J33000Not detected330Di-n-octylphthalate9700 J33000Not detected330	Chrysene			Not detected	33000	1600	330
DibenzofuranNot detected33000340330DiethylphthalateNot detected33000Not detected3300DimethylphthalateNot detected33000Not detected330Din-butylphthalateNot detected33000Not detected330Din-octylphthalate9700 J33000Not detected330Dinactylphthalate9700 J33000Not detected330Discretification9700 J33000Not detected330	Dibenzo(a,h)anthracene			Not detected	33000	190 J	330
DiethylphthalateNot detected33000Not detected3300DimethylphthalateNot detected33000Not detected3300Di-n-butylphthalateNot detected33000Not detected3300Di-n-octylphthalate9700 J33000Not detected330EluorantheneNot detected33000Not detected3300	Dibenzofuran			Not detected	33000	340	330
Dimethylphthalate     Not detected     33000     Not detected     3300       Din-butylphthalate     Not detected     33000     Not detected     330       Di-n-octylphthalate     9700 J     33000     Not detected     330       Fluoranthene     Not detected     33000     Not detected     330	Diethylphthalate			Not detected	33000	Not detected	330
Di-n-butylphthalate     Not detected     33000     Not detected     330       Di-n-octylphthalate     9700 J     33000     Not detected     330       Fluoranthene     Not detected     33000     2800     330	Dimethylphthalate		1	Not detected	33000	Not detected	330
Di-n-octylphthalate     9700 J     33000     Not detected     330       Fluoranthene     Not detected     33000     2800     330	Di-n-hutvlnhthalate		-	Not detected	33000	Not detected	330
Fluoranthene Not detected 33000 2800 330	Di-n-octvlnhthalate			9700 I	33000	Not detected	330
	Fluoranthene			Not detected	33000	2800	320



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Client Sample ID			MW-10A		MW-10B	
York Sample ID	*****		04030541-01		04030541-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Fluorene			Not detected	33000	630	330
Hexachlorobenzene			Not detected	33000	Not detected	330
Hexachlorobutadiene			Not detected	33000	Not detected	330
Hexachlorocyclopentadiene			Not detected	33000	Not detected	330
Hexachloroethane			Not detected	33000	Not detected	330
Indeno(1,2,3-cd)pyrene			Not detected	33000	380	330
Isophorone			Not detected	33000	Not detected	330
Naphthalene			Not detected	33000	250 J	330
Nitrobenzene			Not detected	33000	Not detected	330
N-Nitrosodi-n-propylamine			Not detected	33000	Not detected	330
N-Nitrosodiphenylamine			Not detected	33000	Not detected	330
Phenanthrene			Not detected	33000	2600	330
Pyrene			Not detected	33000	2600	330
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016		00	Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			0.15	0.02	Not detected	0.02
PCB 1260	· · · ·		0.12	0.02	Not detected	0.02
PCB, Total			0.27	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			7610	1.00	9570	1.00
Antimony			22.8	1.00	5.31	1.00
Arsenic			51.6	1.00	2.15	1.00
Barium			225	1.00	70.8	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			11.1	0.500	1.75	0.500
Calcium	· · · · · · · · · · · · · · · · · · ·		12100	2.00	9180	2.00
Chromium			58.3	0.500	34.7	0.500
Cobalt			133	1.00	6.63	1.00
Copper			1140	1.00	29.9	1.00
Iron			34300	1.00	57700	1.00
Lead			780	1.00	127	1.00
Magnesium			2990	2.00	2430	2.00
Manganese			263	1.00	461	1.00
Nickel			58.2	1.00	4.20	1.00
Potassium			1450	3.00	840	3.00
Selenium			12.4	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			3110	5.00	819	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			33.0	2.00	98.8	2.00
Zinc		1	2360	2.00	368	2.00
Mercury	SW846-7471	mg/kG	0.90	0.10	Not detected	0.10

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Client Sample ID			MW-11A		MW-11B	
York Sample ID			04030541-03		04030541-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD		<u> </u>	Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC	· · · · ·		Not detected	10	Not detected	10
Chlordane			1000	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	5	Not detected	5
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II	· · · ·		Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin	• • • •		Not detected	10	Not detected	10
Endrin aldehyde		· ·	Not detected	10	Not detected	10
gamma-BHC (Lindane)		<u>  · · ·</u>	Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	300	Not detected	3.00
Volatiles-8260 list	SW846-8260	110/K g	Not detected	500		500
1 1 1 2-Tetrachloroethane	5 11 0 + 0 - 0 2 0 0	ug/ixg	Not detected	5.0	Not detected	5.0
1 1 1-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1 2 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1 1 2-Trichloroethane		<u> </u>	Not detected	5.0	Not detected	5.0
1 1-Dichloroethane		· · ·	Not detected	5.0	Not detected	5.0
1 1-Dichloroethylene	· · · · · ·		Not detected	5.0	Not detected	5.0
1 1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1 2 3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1 2 3-Trichloropropage			Not detected	5.0	Not detected	5.0
1.2.3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4 Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2. Time dividenzene			Not detected	5.0	Not detected	5.0
1.2 Dibromoethane			Not detected	5.0	Not detected	5.0
1.2-Dichlorohenzene	+		Not detected	5.0	Not detected	5.0
1.2-Dichloroethane			Not detected	5.0	Not detected	5.0
1.2 Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropage			Not detected	5.0	Not detected	5.0
1,2-Dicilioropropane			Not detected	5.0	Not detected	5.0
1,3,5-11iiieuryidenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropenzene			Not detected	5.0	Not detected	5.0
1,5-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichiorobenzene			Not detected	5.0	Not detected	5.0
1-Unioronexane	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
2,2-Dichloropropane		+	Not detected	5.0	Not detected	5.0
2-Uniorotoiuene			Not detected	5.0	Not detected	5.0
4-Uniorotoluene		+	Not detected	5.0	Not detected	5.0
Benzene			INOT detected	5.0	Not detected	5.0
Bromobenzene		1	Not detected	1 5.0	Not detected	5.0

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Client Sample ID		T	MW-11A		MW-11B	
York Sample ID			04030541-03		04030541-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromochloromethane			Not detected	5.0	Not detected	50
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis.1 3 Dichloronronylana			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dioblorodifluoromethane			Not detected	5.0	Not detected	5.0
Dichloromethane			Not detected	5.0	Not detected	5.0
Euryloenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			370 B	5.0	120 B	5.0
Naphthalene			77 B	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	17	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Base/Neutral Extractables soil	SW846-8270	ug/Kg				
1,2,4-Trichlorobenzene			Not detected	1700	Not detected	330
1,2-Dichlorobenzene			Not detected	1700	Not detected	330
1,3-Dichlorobenzene			Not detected	1700	Not detected	330
1,4-Dichlorobenzene			Not detected	1700	Not detected	330
2,4-Dinitrotoluene			Not detected	1700	Not detected	330
2,6-Dinitrotoluene			Not detected	1700	Not detected	330
2-Chloronaphthalene		-	Not detected	1700	Not detected	330
2-Methylnaphthalene			Not detected	1700	Not detected	330
2-Nitroaniline			Not detected	1700	Not detected	330
3.3'-Dichlorobenzidine			Not detected	1700	Not detected	330
3-Nitroaniline	1		Not detected	1700	Not detected	330
4-Bromophenyl phenyl ether	1		Not detected	1700	Not detected	330
4-Chloroaniline			Not detected	1700	Not detected	330
4-Chlorophenyl phenyl ether			Not detected	1700	Not detected	220
4-Nitroaniline		+	Not detected	1700	Not detected	220
Acenanbthene			Not detected	1700	Not detected	220
Acenanhthylene			Not detected	1700	Not detected	220
Δ nthracene		+	250 T	1700	Not detected	220
Annacone	1	1	J	1 1/00	inor detected	J 230



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Client Sample ID			MW-11A		MW-11B	
York Sample ID			04030541-03		04030541-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo(a)anthracene			1100 J	1700	Not detected	3 3 0
Benzo(a)pyrene			770 J	1700	Not detected	3 3 0
Benzo(b)fluoranthene	· · · · · · · · · · · · · · · · · · ·		930 J	1700	Not detected	330
Benzo(g,h,i)perylene	· · · · · · · · · · · · · · · · · · ·		Not detected	1700	Not detected	330
Benzo(k)fluoranthene			1100 J	1700	Not detected	330
Bis(2-chloroethoxy)methane			Not detected	1700	Not detected	3 3 0
Bis(2-chloroethyl)ether	······································		Not detected	1700	Not detected	330
Bis(2-chloroisopropyl)ether			Not detected	1700	Not detected	330
Bis(2-ethylhexyl)phthalate			9000	1700	170 J	330
Butyl benzyl phthalate			Not detected	1700	Not detected	330
Carbazole			Not detected	750	Not detected	1.50
Chrysene			1100 J	1700	Not detected	330
Dibenzo(a,h)anthracene	·····		Not detected	1700	Not detected	330
Dibenzofuran			Not detected	1700	Not detected	330
Diethylphthalate			Not detected	1700	Not detected	330
Dimethylphthalate			Not detected	1700	Not detected	330
Di-n-butylphthalate			Not detected	1700	100 I	330
Di-n-octylphthalate			Not detected	1700	Not detected	330
Fluoranthene			2100	1700	98 1	330
Fluorene			Not detected	1700	Not detected	330
Hexachlorobenzene			Not detected	1700	Not detected	330
Hexachlorobutadiene			Not detected	1700	Not detected	330
Hexachlorocyclopentadiene			Not detected	1700	Not detected	330
Hexachloroethane			Not detected	1700	Not detected	330
Indepo(1 2 3-cd)pyrene			Not detected	1700	Not detected	330
Isophorone			Not detected	1700	Not detected	330
Naphthalene			Not detected	1700	Not detected	330
Nitrobenzene			Not detected	1700	Not detected	330
N-Nitrosodi-n-propylamine			Not detected	1700	Not detected	330
N-Nitrosodinhenvlamine			Not detected	1700	Not detected	330
Phenanthrene			1500 I	1700	Not detected	330
Pyrene			2000	1700		330
PCB	SW846-3550B/8082	mg/Kg	2000	1700	1003	550
PCB 1016	B 11 0 10 - 555 0 D/ 0002	mg/ng	Not detected	0.20	Not detected	0.02
PCB 1221			Not detected	0.20	Not detected	0.02
PCB 1232			Not detected	0.20	Not detected	0.02
PCB 1242			Not detected	0.20	Not detected	0.02
PCB 1248			Not detected	0.20	Not detected	0.02
PCB 1254			2.11	0.20	Not detected	0.02
PCB 1260			0.51	0.20	Not detected	0.02
PCB Total			2.62	0.20	Not detected	0.02
Motals Target Analyte List(TAL)	SW846 6010	ma/ka	2.02	0.20	INOT detected	0.02
Aluminum	54040-0010	illg/Kg	6780	1.00	6200	1.00
Antimony			6.63	1.00	2 55	1.00
Arsenio			10.03	1.00	2.55	1.00
Rarium			226	1.00	2.13	1.00
Beryllium			LJU Not detected	0.500	J2.0	0.500
Cadmium			10.1	0.500	Not detected	0.500
Calcium			7720	2.00	2050	2.00
Chromium			50.5	2.00	240	2.00
		<del> </del>	20.3	0.300	24.8	0.500
Cobait	l .	1	28.0	1.00	9.28	1.00

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Client Sample ID			MW-11A		MW-11B	
York Sample ID			04030541-03		04030541-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Copper			589	1.00	28.3	1.00
İron			22900	1.00	37100	1.00
Lead			445	1.00	13.9	1.00
Magnesium			2940	2.00	1790	2.00
Manganese			288	1.00	387	1.00
Nickel			49.8	1.00	8.40	1.00
Potassium			888	3.00	653	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			1850	5.00	471	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			26.9	2.00	45.6	2.00
Zinc			15.7	2.00	99.2	2.00
Mercury	SW846-7471	mg/kG	0.54	0.10	Not detected	0.10

Client Sample ID			MW-12A		MW-12B	
York Sample ID			04030541-05		04030541-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin		·	Not detected	5	Not detected	5
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	300	Not detected	300
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0



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Client Sample ID			MW-12A	-	MW-12B	
York Sample ID			04030541-05		04030541-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1.2.3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene	• • • • • • • • • • • • • • • • • • • •		Not detected	5.0	Not detected	5.0
1 2 4-Trimethylbenzene	······································		Not detected	5.0	Not detected	5.0
1.2. Dibromo-3-chloropropage	····		Not detected	5.0	Not detected	5.0
1.2-Dibromoethane			Not detected	5.0	Not detected	5.0
1 2-Dichlorobenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1.2-Dichloroethane			Not detected	5.0	Not detected	5.0
1.2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2 Dichloropropage	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1.2.5 Trimethylhengene	·····		Not detected	5.0	Not detected	5.0
1,3,3-11111etitytoenzene			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene	<u> </u>		Not detected	5.0	Not detected	5.0
1-Chloronexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane	· · ·	· · · ·	Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane	=		Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride		1	Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			410 B	5.0	250 B	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butvlbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene	· · ·	·   · ·	8	5.0	16	5.0
Toluene			Not detected	5.0	Not detected	50
trans-1 3-Dichloronronylene	· · · · · -	-	Not detected	5.0	Not detected	50
Trichloroethylene		+	Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
v inyi chioride	]	1	I INOT detected	1 3.0	I INOT detected	1 3.0



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Client Sample ID			MW-12A		MW-12B	
York Sample ID			04030541-05		04030541-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg				
1.2.4-Trichlorobenzene			Not detected	1700	Not detected	1700
1.2-Dichlorobenzene			Not detected	1700	Not detected	1700
1.3-Dichlorobenzene			Not detected	1700	Not detected	1700
1 4-Dichlorobenzene			Not detected	1700	Not detected	1700
2 4-Dinitrotoluene			Not detected	1700	Not detected	1700
2 6-Dinitrotoluene			Not detected	1700	Not detected	1700
2-Chloronanhthalene		·	Not detected	1700	Not detected	1700
2-Methylpaphthalene			Not detected	1700	Not detected	1700
2-Nitroaniline			Not detected	1700	Not detected	1700
3 3'-Dichlorobenzidine			Not detected	1700	Not detected	1700
3-Nitroaniline			Not detected	1700	Not detected	1700
A Bromonhanyl phanyl ether			Not detected	1700	Not detected	1700
4. Chloroaniline	· · ·		Not detected	1700	Not detected	1700
4-Chlorophenyl phenyl ether	·····		Not detected	1700	Not detected	1700
4-Chlorophenyl phenyl ether			Not detected	1700	Not detected	1700
4-initioaninine	· · · · · · · · · · · · · · · · · · ·		Not detected	1700	Not detected	1700
Acenaphinene			Not detected	1700	Not detected	1700
Acenaphtnylene			Not detected	1700	Not detected	1700
Anthracene			6/0J	1700	430 J	1700
Benzo(a)anthracene			1500 J	1700	700 J	1700
Benzo(a)pyrene			1100 J	1700	440 J	1700
Benzo(b)fluoranthene			1100 J	1700	480 J	1700
Benzo(g,h,1)perylene			Not detected	1700	Not detected	1700
Benzo(k)fluoranthene	- u		1300 J	1700	520 J	1700
Bis(2-chloroethoxy)methane			Not detected	1700	Not detected	1700
Bis(2-chloroethyl)ether			Not detected	1700	Not detected	1700
Bis(2-chloroisopropyl)ether			Not detected	1700	Not detected	1700
Bis(2-ethylhexyl)phthalate			2500	1700	470 J	1700
Butyl benzyl phthalate			Not detected	1700	Not detected	1700
Carbazole		_	Not detected	750	Not detected	750
Chrysene			1400 J	1700	730 J	1700
Dibenzo(a,h)anthracene			Not detected	1700	Not detected	1700
Dibenzofuran			Not detected	1700	Not detected	1700
Diethylphthalate			Not detected	1700	Not detected	1700
Dimethylphthalate			Not detected	1700	Not detected	1700
Di-n-butylphthalate			Not detected	1700	Not detected	1700
Di-n-octylphthalate			Not detected	1700	Not detected	1700
Fluoranthene			3000	1700	1400 J	1700
Fluorene			270 J	1700	300 J	1700
Hexachlorobenzene			Not detected	1700	Not detected	1700
Hexachlorobutadiene			Not detected	1700	Not detected	1700
Hexachlorocyclopentadiene			Not detected	1700	Not detected	1700
Hexachloroethane			Not detected	1700	Not detected	1700
Indeno(1,2,3-cd)pyrene			Not detected	1700	Not detected	1700
Isophorone		-	Not detected	1700	Not detected	1700
Naphthalene			Not detected	1700	Not detected	1700
Nitrobenzene			Not detected	1700	Not detected	1700
N-Nitrosodi-n-propylamine			Not detected	1700	Not detected	1700
N-Nitrosodinhenvlamine	· · · · · · · · · · · · · · · · · · ·		Not detected	1700	Not detected	1700
Phenanthrene			2400	1700	1400 T	1700
Pyrene			2900	1700	1300 I	1700

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Client Sample ID			MW-12A		MW-12B	
York Sample ID			04030541-05		04030541-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			0.07	0.02	Not detected	0.02
PCB 1260			0.06	0.02	Not detected	0.02
PCB, Total			0.13	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			6820	1.00	20400	10.0
Antimony			7.76	1.00	Not detected	10.0
Arsenic			10.1	1.00	11.0	10.0
Barium			423	1.00	930	10.0
Beryllium			Not detected	0.500	Not detected	5.00
Cadmium			5.37	0.500	Not detected	5.00
Calcium			10100	2.00	20300	20.0
Chromium			99.3	0.500	377	5.00
Cobalt			86.7	1.00	527	10.0
Copper			739	1.00	5150	10.0
Iron			40000	1.00	160000	10.0
Lead			1040	1.00	3430	10.0
Magnesium			2930	2.00	13000	20.0
Manganese			379	1.00	782	10.0
Nickel			67.1	1.00	249	10.0
Potassium			1290	3.00	3160	30.0
Selenium			Not detected	1.00	Not detected	10.0
Silver			Not detected	1.00	Not detected	10.0
Sodium			4150	5.00	34100	50.0
Thallium			Not detected	1.00	Not detected	10.0
Vanadium			33.9	2.00	139	20.0
Zinc			3830	2.00	32600	20.0
Mercury	SW846-7471	mg/kG	0.69	0.10	Not detected	0.10

Client Sample ID			MW-13A		MW-13B	
York Sample ID			04030541-07		04030541-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			71.7	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	5	Not detected	5
Endosulfan I			Not detected	10	Not detected	10

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Client Sample ID			MW-13A		MW-13B	
York Sample ID			04030541-07		04030541-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde	······································		Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Hentachlor			Not detected	10	Not detected	10
Hentschlor enovide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toyonhono			Not detected	200	Not detected	200
Valatilas 9260 list	SW1846 9260	ug/V g	Not detected	500	Not detected	
1 1 1 2 Tatrashlarosthana	511040-0200	ug/Kg	Nat data ata J	5.0	 NI-4 d-44- d	
1,1,1,2-Tetrachioroethane			Not detected	5.0	Not detected	10
1,1,1-1 fichioroethane			Not detected	5.0	Not detected	10
			Not detected	5.0	Not detected	10
1,1,2-1 fichloroethane			Not detected	5.0	Not detected	10
1,1-Dichloroethane			Not detected	5.0	Not detected	10
I,1-Dichloroethylene			Not detected	5.0	Not detected	10
1,1-Dichloropropylene			Not detected	5.0	Not detected	10
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	10
1,2,3-Trichloropropane			Not detected	5.0	Not detected	10
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	10
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	10
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	10
1,2-Dibromoethane			Not detected	5.0	Not detected	10
1,2-Dichlorobenzene			Not detected	5.0	Not detected	10
1,2-Dichloroethane			Not detected	5.0	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	10
1,2-Dichloropropane			Not detected	5.0	Not detected	10
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	10
1,3-Dichlorobenzene			Not detected	5.0	Not detected	10
1,3-Dichloropropane			Not detected	5.0	Not detected	10
1,4-Dichlorobenzene			Not detected	5.0	Not detected	10
1-Chlorohexane			Not detected	5.0	Not detected	10
2,2-Dichloropropane			Not detected	5.0	Not detected	10
2-Chlorotoluene			Not detected	5.0	Not detected	10
4-Chlorotoluene			Not detected	5.0	Not detected	10
Benzene			Not detected	5.0	Not detected	10
Bromobenzene			Not detected	5.0	Not detected	10
Bromochloromethane			Not detected	5.0	Not detected	10
Bromodichloromethane			Not detected	5.0	Not detected	10
Bromoform			Not detected	5.0	Not detected	10
Bromomethane			Not detected	5.0	Not detected	10
Carbon tetrachloride			Not detected	5.0	Not detected	10
Chlorobenzene	1		Not detected	5.0	Not detected	10
Chloroethane	<u> </u>		Not detected	5.0	Not detected	10
Chloroform			Not detected	5.0	Not detected	10
Chloromethane			Not detected	5.0	Not detected	10
cis-1.3-Dichloropropylene			Not detected	5.0	Not detected	10
Dibromochloromethane	1		Not detected	5.0	Not detected	10
Dibromomethane	1		Not detected	5.0	Not detected	10
Dichlorodifluoromethane		+	Not detected	5.0	Not detected	10



22.2

Vork Sample ID         04030541-07         04030541-08         FORM           Parameter         Method         Units         Results         MDL         Results         MDL           Edrylbenzene         Not detected         5.0         Not detected         1.0           Hexachlorobutadiene         Not detected         5.0         Not detected         1.0           Methylen echloride         260 B         5.0         20 B         10           Naphthalene         Not detected         5.0         87 B         10           n-Butylbenzene         Not detected         5.0         87 B         10           n-Butylbenzene         Not detected         5.0         82 C         10           p-&Aylene         Not detected         5.0         82 C         10           p-&Amylenes         Not detected         5.0         84 C         10           Syrene         Not detected         5.0         84 C         10           Toluene         Not detected         5.0         Not detected         10           Trichorobrylene         Not detected         5.0         Not detected         10           Trichorobrynene         Not detected         5.0         Not detected	Client Sample ID			MW-13A		MW-13B	
Matrix         SOIL         SOIL           Parameter         Method         Units         Results         MD1         Results         MD1           Ethylbenzenc         Not detected         5.0         Not detected         10           Hexachlorobutadiene         Not detected         5.0         Not detected         10           Methylene chloride         260 B         5.0         200 B         10           Nedptalane         Not detected         5.0         87 B         10           n-Putylbenzene         Not detected         5.0         22         10           o-Xylene         Not detected         5.0         V2         10           p-& m-Xylenes         Not detected         5.0         V2         10           see-Butylbenzene         Not detected         5.0         V2         10           see-Butylbenzene         Not detected         5.0         V2         10           Terachlorethylene         25         5.0         V2         10           Terachlorethylene         25         5.0         V2         10           Terachorethylene         Not detected         5.0         Not detected         10           Teralogrophylene         <	York Sample ID			04030541-07		04030541-08	
Parameter         Method         Units         Results         MDI.         Results         MDI.           Ethylbenzene         Not detected         5.0         Not detected         10           Isopropylbenzene         7         5.0         20         10           Methylen chloride         260 B         5.0         290 B         10           Naphtalene         Not detected         5.0         290 B         10           n-Butylbenzene         Not detected         5.0         20 B         10           n-Putylbenzene         Not detected         5.0         Not detected         10           p-kspropyltohzene         Not detected         5.0         Not detected         10           p-kspropyltohzene         Not detected         5.0         Not detected         10           g-scaperyltohzene         Not detected         5.0         Not detected         10           Torulene         Not detected         5.0         Not detected         10           Torulene         Not detected         5.0         Not detected         10           Torulene         Not detected         5.0         Not detected         10           Trichlororbuyene         Not detected         5.0	Matrix			SOIL		SOIL	
Ethylbenzen         Not detected         5.0         Not detected         5.0           Hexachkrobutadiene         Not detected         5.0         Not detected         1.0           Medrylene chloride         260 B         5.0         290 B         1.0           Naphtalene         Not detected         5.0         87 B         10           n-Putylbenzene         Not detected         5.0         87 B         10           n-Putylbenzene         Not detected         5.0         Not detected         10           o-Xylene         Not detected         5.0         Not detected         10           p-& m-Xylens         Not detected         5.0         Not detected         10           ge-& m-Xylens         Not detected         5.0         Not detected         10           ge-& m-Xylense         Not detected         5.0         Not detected         10           ge-& m-Xylense         Not detected         5.0         Not detected         10           Tetrachtorestruene         Not detected         5.0         Not detected         10           Tetrachtorestruene         Not detected         5.0         Not detected         10           Tetrachtorestruene         Not detected         5.0	Parameter	Method	Units	Results	MDL	Results	MDL
Hexachkerobutadisme         Not detected         5.0         Not detected         10           Isopropybenzene         7         5.0         200         10           Naphtalene         Not detected         5.0         290 B         10           Naphtalene         Not detected         5.0         290 B         10           n-Butybenzene         Not detected         5.0         200 H         10           n-Propybenzene         Not detected         5.0         22         10           0-Xylene         Not detected         5.0         Not detected         10           p-Isopropyloluene         5         5.0         42         10           sec-Butybberzene         Not detected         5.0         Not detected         10           Totuene         Not detected         5.0         Not detected         10           Totuene         Not detected         5.0         Not detected         10           Traiboroeflylene         Not detected         5.0         Not detected         10           Traiboroeflylene         Not detected         5.0         Not detected         10           Traiboroeflylene         Not detected         5.0         Not detected         10	Ethylbenzene			Not detected	5.0	Not detected	10
Isopropylbenzene         7         5.0         20         10           Methylens chloride         260 B         5.0         200 B         10           Naphthalene         Not detected         5.0         87 B         10           n.Putylbenzene         Not detected         5.0         87 B         10           o.Pytylbenzene         Not detected         5.0         Not detected         10           p.AmrXylenes         Not detected         5.0         Not detected         10           p-stopropylburzene         Not detected         5.0         74         10           sec-Butybenzene         Not detected         5.0         79         10           tert-Butybenzene         Not detected         5.0         79         10           Tolene         Not detected         5.0         Not detected         10           Transi-Joichoropropylene         Not detected         5.0         Not detected         10           Trichloroburzene         Not detected         5.0         Not detected         10           Trichloroburzene         Not detected         5.0         Not detected         10           Trichloroburzene         Not detected         5.0         Not detected <td< td=""><td>Hexachlorobutadiene</td><td></td><td></td><td>Not detected</td><td>5.0</td><td>Not detected</td><td>10</td></td<>	Hexachlorobutadiene			Not detected	5.0	Not detected	10
Methylene chloride         260 B         5.0         290 B         10           Naphtalene         Not detected         5.0         87 B         10           n-Burylbenzene         Not detected         5.0         87 B         10           n-Propylbenzene         Not detected         5.0         22         10           o-Xylene         Not detected         5.0         10         Not detected         10           p-& m-Xylenes         Not detected         5.0         Not detected         10           p-sopropyloluene         5         5.0         42         10           styrene         Not detected         5.0         Not detected         10           Torbuene         Not detected         5.0         Not detected         10           Trichlorochlylene         25         5.0         39         10           Trichlorochlylene         Not detected         5.0         Not detected         10           Trichloroblycene         Not detected         5.0         Not detected         10           Ving chloride         Wast detected         5.0         Not detected         10           Ving chloride         SW846-8270         ug/Kg	Isopropylbenzene			7	5.0	20	10
Naphthalene         Not detected         \$50         \$87 B         10           n-Butythenzene         Not detected         \$50         Not detected         10           n-Proythenzene         Not detected         \$5         \$22         10           o-Xylene         Not detected         \$50         Not detected         10           p-& m-Xylenes         Not detected         \$50         \$42         10           sec-Butythenzene         Not detected         \$50         \$42         10           sec-Butythenzene         Not detected         \$50         \$50         \$37         \$10           Tetrachloroethylene         25         \$50         \$37         \$10         Not detected         \$10           Tetrachloroethylene         25         \$50         \$37         \$10         Not detected         \$10           Trichloroethylene         Not detected         \$50         Not detected         \$10         Not detected         \$10           Trichlorofluoromethane         Not detected         \$50         Not detected         \$10           Vinjt chloride         Sw846-8270         ug/Kg	Methylene chloride			260 B	5.0	290 B	10
n-Butylberzene         Not detected         5.0         Not detected         10           n-Propylberzene         Not detected         5.0         22         10           p-& m-Xylenes         Not detected         5.0         42         10           p-& m-Xylenes         Not detected         5.0         42         10           sec-Butylbenzene         Not detected         5.0         42         10           sec-Butylbenzene         Not detected         5.0         42         10           sec-Butylbenzene         Not detected         5.0         7.4         10           Totuene         Not detected         5.0         Not detected         10           Terachloredhylene         Not detected         5.0         Not detected         10           Trichlorofhylene         Not detected         5.0         Not detected         10           Trichlorofharonethane         Not detected         5.0         Not detected         10           Trichlorofharonethane         Not detected         5.0         Not detected         10           1,2,4-Trichlorobenzene         Not detected         3.00         Not detected         1700           1,2,4-Dichlorobenzene         Not detected         3.00	Naphthalene			Not detected	5.0	87 B	10
n-Propylbenzene         Not detected         5.0         22         1.0           o-Xylene         Not detected         5.0         Not detected         10           p-& m-Xylenes         Not detected         5.0         Not detected         10           p-sepropylboluene         S         5.0         42         10           sec-Butylbenzene         Not detected         5.0         5.4         10           Styrene         Not detected         5.0         Not detected         10           tert-Butylbenzene         Not detected         5.0         Not detected         10           Totuene         Not detected         5.0         Not detected         10           Trackioroethylene         Not detected         5.0         Not detected         10           Tricklorofloromethane         Not detected         5.0         Not detected         10           Vinyl chloride         ug/kg               1,2-Dichlorophenzene         Not detected         3300         Not detected         1700           1,3-Dichlorophenzene         Not detected         3300         Not detected         1700           1,4-Dichlorobenzene         Not detected	n-Butvlbenzene			Not detected	5.0	Not detected	10
o-Xylene         Not detected         5.0         Not detected         10           p-& m-Xylenes         Not detected         5.0         Not detected         10           sec-Butylbenzene         Not detected         5.0         54         10           sec-Butylbenzene         Not detected         5.0         Not detected         10           Styrene         Not detected         5.0         Not detected         10           Tothuene         Not detected         5.0         Not detected         10           Trans-1.3-Dichloropropylene         Not detected         5.0         Not detected         10           Trichlorofthylene         Not detected         5.0         Not detected         10           Trichlorofthylene         Not detected         5.0         Not detected         10           Trichlorofthuromethane         Not detected         5.0         Not detected         10           Ving lehloride         Wot detected         3.00         Not detected         10           1,2-1/chlorobenzene         Not detected         3300         Not detected         1700           1,2-1/chlorobenzene         Not detected         3300         Not detected         1700           2,4-Dinitroblenzene	n-Propylbenzene			Not detected	5.0	22	10
p-&m-Xylenes         Not detected         5.0         Not detected         10           p-lsopropylloluene         5         5.0         42         10           sec-Butylbenzene         Not detected         5.0         Not detected         10           Styrene         Not detected         5.0         Not detected         10           Tetheutylbenzene         Not detected         5.0         Not detected         10           Tetrachloroethylene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           Trichloroethrylene         Not detected         5.0         Not detected         10           Trichloroethrzene         Not detected         300         Not detected         10           1,2-Dichlorobenzene         Not detected         3300         Not detected         1700           1,2-Dichlorobenzene         Not detected         3300         Not detected         1700           2,4-Dinitrotoluene         Not detected         3300         Not detected         1700           2,4-Dinitrotoluene	o-Xvlene			Not detected	5.0	Not detected	10
p-Isopropyloluene         5         5.0         42         10           sec-Butylbenzene         Not detected         5.0         54         10           Styrene         Not detected         5.0         Not detected         10           tert-Butylbenzene         Not detected         5.0         Not detected         10           Tetachloroethylene         25         5.0         39         10           Toluene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           Trichloromethane         Not detected         5.0         Not detected         10           Vinyl chloride         Not detected         5.0         Not detected         10           Base/Neutral Extractables soll         SW846-8270         ug/Kg              1,2.4-Trichlorobenzene         Not detected         3300         Not detected         1700           1,3-Dichlorobenzene         Not detected         3300         Not detected         1700           2,4-Trichlorobenzene         Not detected         3300         Not detected         1700           1,4-Dichlorobenzene         N	p- & m-Xylenes			Not detected	5.0	Not detected	10
sec-Butylbenzene         Not detected         5.0         54         10           Styrene         Not detected         5.0         Not detected         10           Tetrachloroethylene         25         5.0         39         10           Tatachloroethylene         Not detected         5.0         Not detected         10           Tatachloroethylene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           Trichlorobenzene         Not detected         3.00         Not detected         10           1,2-Dichlorobenzene         Not detected         3300         Not detected         1700           1,3-Dichlorobenzene         Not detected         3300         Not detected         1700           2,4-Dinitotoluene         Not detected         3300         Not detected         1700           2,6-Dinitrotoluene         Not detected         3300         Not detected         1700           3,3'Dichlorobenzidine	p-Isopropyltoluene			5	5.0	42	10
Styrene         Not detected         5.0         Not detected         10           tert-Butylbenzene         Not detected         5.0         39         10           Toluene         Not detected         5.0         39         10           Trans-1,3-Dichloroethylene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           Vinyl chloride         Not detected         5.0         Not detected         10           Base/Neutral Extractables soil         SW846-8270         ug/Kg              1,2-A'-Trichlorobenzene         Not detected         3300         Not detected         1700           1,2-Dichlorobenzene         Not detected         3300         Not detected         1700           2,4-Dinitrotoluene         Not detected         3300         Not detected         1700           2-Methylnaphthalene         Not detected         3300         Not detected         1700	sec-Butylbenzene			Not detected	5.0	54	10
tert-Butylbenzene         Not detected         5.0         Not detected         10           Tetrachloroethylene         25         5.0         39         10           Toluene         Not detected         5.0         Not detected         10           trans-1_3-Dichloropropylene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           Trichlorofluoromethane         Not detected         5.0         Not detected         10           Vinyl chloride         Not detected         5.0         Not detected         10           Base/Neutral Extractables soil         SW846-8270         ug/Kg	Styrene			Not detected	5.0	Not detected	10
Tetrachloroethylene         25         500         39         10           Toluene         Not detected         5.0         Not detected         10           trans-1,3-bichloropropylene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           Trichlorofluoromethane         Not detected         5.0         Not detected         10           Vinyl chloride         Not detected         5.0         Not detected         10           Dichlorobenzene         Not detected         3.00         Not detected         1700           1,2-Dichlorobenzene         Not detected         3.00         Not detected         1700           1,4-Dichlorobenzene         Not detected         3.00         Not detected         1700           2,6-Dinitrotoluene         Not detected         3.00         Not detected         1700           2,4-Enklorobenzene         Not detected         3.00         Not detected         1700           2,4-Dinitrotoluene         Not detected         3.00         Not detected         1700           2,4-Dinorophynyl phenyl ether         Not detected         3.00         Not detected         1700 <tr< td=""><td>tert-Butylbenzene</td><td></td><td></td><td>Not detected</td><td>5.0</td><td>Not detected</td><td>10</td></tr<>	tert-Butylbenzene			Not detected	5.0	Not detected	10
Toluene         Not detected         5.0         Not detected         10           trans-1,3-Dichloropropylene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           Trichloroethylene         Not detected         5.0         Not detected         10           BaseNeutral Extractables soil         SW846-8270         ug/Kg             1,2.4-Trichlorobenzene         Not detected         3300         Not detected         1700           1,3-Dichlorobenzene         Not detected         3300         Not detected         1700           1,4-Dichlorobenzene         Not detected         3300         Not detected         1700           2,4-Dinitrotoluene         Not detected         3300         Not detected         1700<	Tetrachloroethylene			25	5.0	39	10
trans-1,3-Dichloropropylene       Not detected       5.0       Not detected       10         Trichloroethylene       Not detected       5.0       Not detected       10         Trichlorofluoromethane       Not detected       5.0       Not detected       10         Base/Neutral Extractables soil       SW846-8270       ug/Kg            1,2,4-Trichlorobenzene       Not detected       3300       Not detected       1700         1,3-Dichlorobenzene       Not detected       3300       Not detected       1700         2,4-Dinitrotoluene       Not detected       3300       Not detected       1700         2,6-Dinitrotoluene       Not detected       3300       Not detected       1700         3,3-Dichlorobenzidine       Not detected       3300       Not detected       1700         3,3-Dichlorobenzidine       Not detect	Toluene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	10
TrichloroethyleneNot detected5.0Not detected10TrichlorofluoromethaneNot detected5.0Not detected10TrichlorofluoromethaneNot detected5.0Not detected10Base/Neutral Extractables soilSW 846-8270ug/Kg1,2,4-TrichlorobenzeneNot detected3300Not detected17001,2-DichlorobenzeneNot detected3300Not detected17001,3-DichlorobenzeneNot detected3300Not detected17002,4-DinitrotolueneNot detected3300Not detected17002,4-DinitrotolueneNot detected3300Not detected17002,-ChloronaphthaleneNot detected3300Not detected17002-MethylnaphthaleneNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected1700<	trans-1.3-Dichloropropylene			Not detected	5.0	Not detected	10
Trichlorofluoromethane       Not detected       5.0       Not detected       10         Vinyl chloride       Not detected       5.0       Not detected       10         Base/Neutral Extractables soil       SW846-8270       ug/Kg	Trichloroethylene			Not detected	5.0	Not detected	10
Vinyl chlorideNot detected5.0Not detected10Base/Neutral Extractables soilSW846-8270ug/Kg1,2,4-TrichlorobenzeneNot detected3300Not detected17001,3-DichlorobenzeneNot detected3300Not detected17001,4-DichlorobenzeneNot detected3300Not detected17001,4-DichlorobenzeneNot detected3300Not detected17002,4-DinitrotolueneNot detected3300Not detected17002,6-DinitrotolueneNot detected3300Not detected17002ChloronaphthaleneNot detected3300Not detected17002MetryhnaphthaleneNot detected3300Not detected17003.3-DichlorobenzidineNot detected3300Not detected17003.3-DichlorobenzidineNot detected3300Not detected17004-ChloronallineNot detected3300 <td>Trichlorofluoromethane</td> <td></td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>10</td>	Trichlorofluoromethane			Not detected	5.0	Not detected	10
Base/Neutral Extractables soil         SW846-8270         ug/kg         Interact of the state of t	Vinyl chloride			Not detected	5.0	Not detected	10
1,2,4-TrichlorobenzeneSorte CarloNot detected3300Not detected17001,2-DichlorobenzeneNot detected3300Not detected17001,3-DichlorobenzeneNot detected3300Not detected17002,4-DinitrotolueneNot detected3300Not detected17002,4-DinitrotolueneNot detected3300Not detected17002,6-DinitrotolueneNot detected3300Not detected17002-ChloronaphthaleneNot detected3300Not detected17002-MethylnaphthaleneNot detected3300Not detected17002-NitroanilineNot detected3300Not detected17003,3'DichlorobenzidineNot detected3300Not detected17003,3'DichlorobenzidineNot detected3300Not detected17003,3'DichlorobenzidineNot detected3300Not detected17004-ChloronallineNot detected3300Not detected17004-ChloronallineNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700Benzo(a)	Base/Neutral Extractables soil	SW846-8270					
1,2-DichlorobenzeneNot detected3300Not detected17001,3-DichlorobenzeneNot detected3300Not detected17001,4-DichlorobenzeneNot detected3300Not detected17002,4-DinitrotolueneNot detected3300Not detected17002,6-DinitrotolueneNot detected3300Not detected17002.6-DinitrotolueneNot detected3300Not detected17002.ChloronaphthaleneNot detected3300Not detected17002.MethylnaphthaleneNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17004-Bromophenyl phenyl etherNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-ChlorophthyleneNot detected3300Not detected1700AcenaphtheneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700Benzo(a)nthracene730 J3300630 J1700Benzo(a)nthracene730 J	1 2 4-Trichlorobenzene	5	<u> </u>	Not detected	3300	Not detected	1700
1,3-DichlorobenzeneNot detected3300Not detected17001,4-DichlorobenzeneNot detected3300Not detected17002,4-DinitrotolueneNot detected3300Not detected17002,6-DinitrotolueneNot detected3300Not detected17002,6-DinitrotolueneNot detected3300Not detected17002ChloronaphthaleneNot detected3300Not detected17002-MethylnaphthaleneNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17004-Bromophenyl phenyl etherNot detected3300Not detected17004-ChloronallineNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700Benzo(a)pyreneNot detected3300Not detected1700Benzo(bfluoranthene680 J3300Not detected1700Benzo(bfluoranthene730 J3300Not detected1700Bis(2-chloroethyl)etherNot detected </td <td>1 2-Dichlorobenzene</td> <td></td> <td></td> <td>Not detected</td> <td>3300</td> <td>Not detected</td> <td>1700</td>	1 2-Dichlorobenzene			Not detected	3300	Not detected	1700
1,4-DichlorobenzeneNot detected3300Not detected17002,4-DinitrotolueneNot detected3300Not detected17002,6-DinitrotolueneNot detected3300Not detected17002.ChloronaphthaleneNot detected3300Not detected17002MethylnaphthaleneNot detected3300Not detected17002MitroanilineNot detected3300Not detected17003.3-DichlorobenzidineNot detected3300Not detected17003.3-DichlorobenzidineNot detected3300Not detected17004-ShitroanilineNot detected3300Not detected17004-ChloronanilineNot detected3300Not detected17004-ChloronanilineNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-ChloronanilineNot detected3300Not detected17004-ChloronanilineNot detected3300Not detected17004-ChloronanilineNot detected3300Not detected17004-ChloronanilineNot detected3300Not detected17004-ChloronanilineNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-ChlorophitheneNot detected3300Not detected1700Benzo(a)pyreneNot detected3300	1 3-Dichlorobenzene			Not detected	3300	Not detected	1700
1, 1 DirectionNot detected100 detected17002,4-DinitrotolueneNot detected3300Not detected17002,6-DinitrotolueneNot detected3300Not detected17002-ChloronaphthaleneNot detected3300Not detected17002-MitroanilineNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17004-Bromophenyl phenyl etherNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-NitroanilineNot detected3300Not detected17004-NitroanilineNot detected3300Not detected1700AcenaphtheneNot detected3300Not detected1700AcenaphtheneNot detected3300Not detected1700Benzo(a)anthraceneNot detected3300Not detected1700Benzo(bfluoranthene680 J3300590 J1700Benzo(bfluoranthene730 J3300630 J1700Benzo(bfluoranthene730 J3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected	1 4-Dichlorobenzene			Not detected	3300	Not detected	1700
2,6-DinitrotolueneNot detected100 detected17002-ChloronaphthaleneNot detected3300Not detected17002-MethylnaphthaleneNot detected3300Not detected17002-NitroanilineNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17003-NitroanilineNot detected3300Not detected17004-Bromophenyl phenyl etherNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected1700AcenaphtheneNot detected3300Not detected1700AcenaphtheneNot detected3300Not detected1700Benzo(a)anthracene730 J3300860 J1700Benzo(b)fluoranthene660 J3300590 J1700Benzo(k)fluoranthene730 J3300740 J1700Bis(2-chloroethyny)methaneNot detected3300Not detected1700Bis(2-chloroethyny)methaneNot detected3300<	2.4-Dinitrotoluene			Not detected	3300	Not detected	1700
2)c DimeterizeNot detected2002. ChloronaphthaleneNot detected3300Not detected17002MethylnaphthaleneNot detected3300Not detected17003.3'-DichlorobenzidineNot detected3300Not detected17003.3'-DichlorobenzidineNot detected3300Not detected17004.Bromophenyl phenyl etherNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected17004-ChloroaphtheneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700Benzo(a)anthracene730 J3300660 J1700Benzo(a)pyreneNot detected3300Not detected1700Benzo(bfluoranthene730 J3300630 J1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroeth	2 6-Dinitrotoluene		-	Not detected	3300	Not detected	1700
2-MethylaphthaleneNot detected3300Not detected17002-NitroanilineNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17003.NitroanilineNot detected3300Not detected17004-Bromophenyl phenyl etherNot detected3300Not detected17004-Chlorophenyl phyleneNot detected3300Not detected17005-Chlorophyl etherNot detected3300S90 J1700Benzo(a)fluoranthene730 J3300740 J </td <td>2-Chloronaphthalene</td> <td>······</td> <td></td> <td>Not detected</td> <td>3300</td> <td>Not detected</td> <td>1700</td>	2-Chloronaphthalene	······		Not detected	3300	Not detected	1700
2 -NitroanilineNot detected3300Not detected17003,3'-DichlorobenzidineNot detected3300Not detected17003-NitroanilineNot detected3300Not detected17004-Bromophenyl phenyl etherNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700Benzo(a)anthracene730 J3300860 J1700Benzo(a)pyreneNot detected3300Not detected1700Benzo(a),hjperyleneNot detected3300Not detected1700Benzo(k)fluoranthene730 J3300630 J1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis	2-Methylnaphthalene		-	Not detected	3300	Not detected	1700
3,3'DichlorobenzidineNot detected300Not detected17003-NitroanilineNot detected3300Not detected17004-Bromophenyl phenyl etherNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected1700AccenaphthyleneNot detected3300Not detected1700Benzo(a)anthracene730 J3300860 J1700Benzo(a)pyreneNot detected3300Not detected1700Benzo(a), hjperyleneNot detected3300Not detected1700Benzo(k)fluoranthene730 J3300740 J1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroethyl)phthalate120003300Not detected1700Bis	2-Nitroaniline			Not detected	3300	Not detected	1700
3-NitroanilineNot detected3300Not detected17004-Bromophenyl phenyl etherNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700Benzo(a)anthracene730 J3300860 J1700Benzo(a)pyreneNot detected3300Not detected1700Benzo(b)fluoranthene680 J3300Not detected1700Benzo(k)fluoranthene730 J3300Not detected1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroethyl)pthhalate120003300Not detected1700Bis(2-chlor	3.3'-Dichlorobenzidine			Not detected	3300	Not detected	1700
4-Bromophenyl phenyl etherNot detected3300Not detected17004-ChloroanilineNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-NitroanilineNot detected3300Not detected17004-NitroanilineNot detected3300Not detected1700AcenaphtheneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700Benzo(a)anthraceneNot detected3300490 J1700Benzo(a)pyreneNot detected3300590 J1700Benzo(a)pyreneNot detected3300590 J1700Benzo(g,h,i)peryleneNot detected3300Not detected1700Benzo(g,h,i)peryleneNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chlorosopropyl)etherNot detected3300Not detected1700Bis(2-chlorosopropyl)etherNot detected3300Not detected1700Bis(2-chlorosopropyl)etherNot detected3300Not detected1700Bis(2-chlorosopropyl)etherNot detected3300Not detected1700Bis(2-chlorosopropyl)etherNot detect	3-Nitroaniline			Not detected	3300	Not detected	1700
A-ChloroanilineNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-NitroanilineNot detected3300Not detected17004-NitroanilineNot detected3300Not detected1700AcenaphtheneNot detected3300Not detected1700AcenaphthyleneNot detected3300290 J1700AcenaphthyleneNot detected3300490 J1700Benzo(a)anthracene730 J3300860 J1700Benzo(a)pyreneNot detected3300590 J1700Benzo(g,h,i)peryleneNot detected3300590 J1700Benzo(k)fluoranthene680 J3300630 J1700Benzo(k)fluoranthene730 J3300740 J1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-thylnexyl)phthalate12000330040001700Butyl benzyl phthalateNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700	4-Bromophenyl phenyl ether			Not detected	3300	Not detected	1700
4-Chlorophenyl phenyl etherNot detected3300Not detected17004-Chlorophenyl phenyl etherNot detected3300Not detected17004-NitroanilineNot detected3300Not detected1700AcenaphtheneNot detected3300290 J1700AcenaphthyleneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700AcenaphthyleneNot detected3300490 J1700Benzo(a)anthracene730 J3300860 J1700Benzo(a)pyreneNot detected3300590 J1700Benzo(b)fluoranthene680 J3300630 J1700Benzo(k)fluoranthene730 J3300740 J1700Benzo(k)fluoranthene730 J3300Not detected1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroithyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-ethylhexyl)phthalate12000330040001700Butyl benzyl phthalateNot detected3300Not detected1700CarbazoleNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a h)anthracene750 J3300Not detected1700	4-Chloroaniline			Not detected	3300	Not detected	1700
4-NitroanilineNot detected3300Not detected1700AcenaphtheneNot detected3300290 J1700AcenaphthyleneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700AcenaphthyleneNot detected3300490 J1700Benzo(a)anthracene730 J3300860 J1700Benzo(a)pyreneNot detected3300590 J1700Benzo(b)fluoranthene680 J3300630 J1700Benzo(k)fluoranthene730 J3300740 J1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chlorosopropyl)etherNot detected3300Not detected1700Butyl benzyl phthalate12000330040001700Butyl benzyl phthalateNot detected1300Not detected1700Chrysene750 J3300920 J1700Dibenzo(a) hanthracene750 J3300Not detected1700	4-Chlorophenyl phenyl ether	· · · · · · · · · · · · · · · · · · ·	+	Not detected	3300	Not detected	1700
AcenaphtheneNot detected3300290 J1700AcenaphthyleneNot detected3300Not detected1700AcenaphthyleneNot detected3300Not detected1700AnthraceneNot detected3300490 J1700Benzo(a)anthracene730 J3300860 J1700Benzo(a)pyreneNot detected3300590 J1700Benzo(b)fluoranthene680 J3300630 J1700Benzo(g,h,i)peryleneNot detected3300Not detected1700Benzo(k)fluoranthene730 J3300Not detected1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-chloroethyl)pthalate12000330040001700Butyl benzyl phthalateNot detected3300Not detected1700CarbazoleNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a h)anthraceneNot detected3300Not detected750	4-Nitroaniline			Not detected	3300	Not detected	1700
AcenaphthyleneNot detected3300Not detected1700Actional AnthraceneNot detected3300Not detected1700Benzo(a)anthracene730 J3300860 J1700Benzo(a)pyreneNot detected3300590 J1700Benzo(b)fluoranthene680 J3300630 J1700Benzo(g,h,i)peryleneNot detected3300Not detected1700Benzo(k)fluoranthene680 J3300630 J1700Benzo(k)fluoranthene730 J3300740 J1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Butyl benzyl phthalate12000330040001700Chrysene750 J3300920 J1700Dibenzo(a h)anthracene750 J3300Not detected1700	Acenaphthene			Not detected	3300	290 J	1700
AnthraceneNot detected3300490 J1700Benzo(a)anthracene730 J3300860 J1700Benzo(a)pyreneNot detected3300590 J1700Benzo(b)fluoranthene680 J3300630 J1700Benzo(g,h,i)peryleneNot detected3300630 J1700Benzo(k)fluoranthene730 J3300630 J1700Benzo(k)fluoranthene730 J3300740 J1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-ethylhexyl)phthalate12000330040001700Butyl benzyl phthalateNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a h)anthracene750 J3300Not detected1700	Acenaphthylene	······································		Not detected	3300	Not detected	1700
Benzo(a)anthracene730 J3300860 J1700Benzo(a)pyreneNot detected3300860 J1700Benzo(a)pyreneNot detected3300590 J1700Benzo(b)fluoranthene680 J3300630 J1700Benzo(g,h,i)peryleneNot detected3300Not detected1700Benzo(k)fluoranthene730 J3300740 J1700Bis(2-chloroethoxy)methane730 J3300Not detected1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Butyl benzyl phthalate12000330040001700CarbazoleNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a h)anthraceneNot detected3300Not detected1700	Anthracene	· · · · · ·	· · · · · · · · · · · · · · · · · · ·	Not detected	3300	490 I	1700
Benzo(a)pyreneNot detected3300590 J1700Benzo(b)fluoranthene680 J3300630 J1700Benzo(g,h,i)peryleneNot detected3300Not detected1700Benzo(k)fluoranthene730 J3300740 J1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-ethylhexyl)phthalate12000330040001700Butyl benzyl phthalateNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a hlanthracene750 J3300Not detected1700	Benzo(a)anthracene			730 J	3300	860 J	1700
Benzo(b)fluoranthene680 J3300630 J1700Benzo(g,h,i)peryleneNot detected3300630 J1700Benzo(k)fluoranthene730 J3300Not detected1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-ethylhexyl)phthalate12000330040001700Butyl benzyl phthalateNot detected1500Not detected1700CarbazoleNot detected1500Not detected750Dibenzo(a hlanthracene750 J3300920 J1700	Benzo(a)pyrene		···	Not detected	3300	590 I	1700
Benzo(g,h,i)peryleneNot detected3300Not detected1700Benzo(k)fluoranthene730 J3300740 J1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-ethylhexyl)phthalate120003300Not detected1700Butyl benzyl phthalateNot detected1500Not detected1700CarbazoleNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a h)anthraceneNot detected3300Not detected1700	Benzo(b)fluoranthene		-	680 I	3300	630 I	1700
Benzo(k)fluoranthene730 J3300740 J1700Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-ethylhexyl)phthalate12000330040001700Butyl benzyl phthalateNot detected1500Not detected1700CarbazoleNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a h)anthraceneNot detected3300Not detected1700	Benzo(g,h i)pervlene			Not detected	3300	Not detected	1700
Bis(2-chloroethoxy)methaneNot detected3300Not detected1700Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-ethylhexyl)phthalate12000330040001700Butyl benzyl phthalateNot detected3300Not detected1700CarbazoleNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a h)anthraceneNot detected3300Not detected1700	Benzo(k)fluoranthene			730 I	3300	740 I	1700
Bis(2-chloroethyl)etherNot detected3300Not detected1700Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-ethylhexyl)phthalate12000330040001700Butyl benzyl phthalateNot detected3300Not detected1700CarbazoleNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a h)antbraceneNot detected3300Not detected1700	Bis(2-chloroethoxy)methane			Not detected	3300	Not detected	1700
Bis(2-chloroisopropyl)etherNot detected3300Not detected1700Bis(2-ethylhexyl)phthalate12000330040001700Butyl benzyl phthalateNot detected3300Not detected1700CarbazoleNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a h)anthraceneNot detected3300Not detected1700	Bis(2-chloroethyl)ether	1	+	Not detected	3300	Not detected	1700
Bis(2-ethylhexyl)phthalate12000330040001700Butyl benzyl phthalateNot detected3300Not detected1700CarbazoleNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a h)antbraceneNot detected3300Not detected1700	Bis(2-chloroisonropyl)ether			Not detected	3300	Not detected	1700
Butyl benzyl phthalateNot detected3300Not detected1700Butyl benzyl phthalateNot detected3300Not detected1700CarbazoleNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a b)antbraceneNot detected3300Not detected1700	Bis(2-ethylbexyl)nhthalate	+		12000	3300	4000	1700
CarbazoleNot detected3500Not detected1700CarbazoleNot detected1500Not detected750Chrysene750 J3300920 J1700Dibenzo(a h)anthraceneNot detected3300Not detected1700	Butyl benzyl phthalate			Not detected	3300	Not detected	1700
Chrysene         750 J         3300         920 J         1700           Dibenzo(a h)anthracene         Not detected         3300         Not detected         1700	Carbazole			Not detected	1500	Not detected	750
Dibenzo(a h)anthracene Not detected 3300 Not detected 1700	Chrysene			750 T	3300	020 I	1700
	Dibenzo(a h)anthracene		+	Not detected	3300	Not detected	1700



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Client Sample ID			MW-13A		MW-13B	
York Sample ID			04030541-07		04030541-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Dibenzofuran			Not detected	3300	Not detected	1700
Diethylphthalate			Not detected	3300	Not detected	1700
Dimethylphthalate			Not detected	3300	Not detected	1700
Di-n-butylphthalate			850 J	3300	Not detected	1700
Di-n-octylphthalate			Not detected	3300	Not detected	1700
Fluoranthene			1400 J	3300	1500 I	1700
Fluorene		· · · · · · · · · · · · · · · · · · ·	Not detected	3300	Not detected	1700
Hexachlorobenzene			Not detected	3300	Not detected	1700
Hexachlorobutadiene			Not detected	3300	Not detected	1700
Hexachlorocyclopentadiene			Not detected	3300	Not detected	1700
Hexachloroethane		[- <u>-</u>	Not detected	3300	Not detected	1700
Indeno(1.2.3-cd)pyrene			Not detected	3300	Not detected	1700
Isophorone			Not detected	3300	Not detected	1700
Naphthalene			Not detected	3300	Not detected	1700
Nitrobenzene			Not detected	3300	Not detected	1700
N-Nitrosodi-n-propylamine			Not detected	2200	Not detected	1700
N-Nitrosodinhenylamine			Not detected	2200	Not detected	1700
Phenonthrene				2200	1800	1700
Durona		· · · · - · - · - · - · - · · · · · · ·	1200 J	2200	1800	1700
PCP	SW046 2550D/0002		1300 J	3300	1400 J	1700
	5 W 840-3550B/8082	mg/Kg_				
PCB 1010			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			0.23	0.02	0.09	0.02
PCB 1260			0.22	0.02	0.06	0.02
PCB, Iotal	011046 6010		0.45	0.02	0.15	0.02
Mietals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			19400	10.0	19300	10.0
Antimony			Not detected	10.0	Not detected	10.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			727	10.0	735	10.0
Beryllium		<u> </u>	Not detected	5.00	Not detected	5.00
Cadmium			5.1	5.00	Not detected	5.00
Calcium			15700	20.0	18200	20.0
Chromium			574	5.00	640	5.00
Cobalt		· · · · · · · · · · · · · · · · · · ·	2020	10.0	2170	10.0
Copper			5110	10.0	5330	10.0
lron			221000	10.0	226000	10.0
Lead			4900	10.0	4700	10.0
Magnesium			15400	20.0	16800	20.0
Manganese		ļ	747	10.0	820	10.0
Nickel		L	467	10.0	500	10.0
Potassium			2600	30.0	2680	30.0
Selenium			Not detected	10.0	Not detected	10.0
Silver			Not detected	10.0	Not detected	10.0
Sodium			36400	50.0	36300	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			104	20.0	95.4	20.0
Zinc			33300	20.0	33800	20.0



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Client Sample ID			MW-13A		MW-13B	
York Sample ID			04030541-07		04030541-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

Client Sample ID			<b>BD-3/17</b>	
York Sample ID			04030541-09	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg		
4,4'-DDD			Not detected	10
4,4'-DDE			Not detected	10
4,4'-DDT			Not detected	10
Aldrin			Not detected	10
alpha-BHC			Not detected	10
beta-BHC			Not detected	10
Chlordane			Not detected	50
delta-BHC			Not detected	10
Dieldrin			Not detected	5
Endosulfan I			Not detected	10
Endosulfan II			Not detected	10
Endosulfan sulfate			Not detected	10
Endrin			Not detected	10
Endrin aldehyde			Not detected	10
gamma-BHC (Lindane)			Not detected	10
Heptachlor			Not detected	10
Heptachlor epoxide			Not detected	10
Methoxychlor			Not detected	50
Toxaphene			Not detected	300
Volatiles-8260 list	SW846-8260	ug/Kg		
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0
1,2-Dibromoethane			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,3-Dichloropropane			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0

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Client Sample ID			BD-3/17	
York Sample ID			04030541-09	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1-Chlorohexane			Not detected	5.0
2.2-Dichloropropane	··· ···		Not detected	5.0
2-Chlorotoluene			Not detected	5.0
4-Chlorotoluene			Not detected	5.0
Benzene			Not detected	5.0
Bromobenzene			Not detected	5.0
Bromochloromethane			Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromothana			Not detected	5.0
Chloromethane			Not detected	5.0
Dibromechloromethane			Not detected	5.0
Dibromocniorometnane			Not detected	5.0
Dibromometnane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Isopropylbenzene			Not detected	5.0
Methylene chloride			420 B	5.0
Naphthalene			/ B	5.0
n-Butylbenzene			Not detected	5.0
n-Propylbenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0
o-Xylene			Not detected	5.0
p- & m-Xylenes			Not detected	5.0
p-lsopropyltoluene			Not detected	5.0
sec-Butylbenzene			Not detected	5.0
Styrene			Not detected	5.0
tert-Butylbenzene	·····		Not detected	5.0
Tetrachloroethylene			Not detected	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	5.0
<b>Base/Neutral Extractables soil</b>	SW846-8270	ug/Kg		
1,2,4-Trichlorobenzene			Not detected	1700
1,2-Dichlorobenzene			Not detected	1700
1,3-Dichlorobenzene			Not detected	1700
1,4-Dichlorobenzene			Not detected	1700
2,4-Dinitrotoluene			Not detected	1700
2,6-Dinitrotoluene			Not detected	1700
2-Chloronaphthalene			Not detected	1700
2-Methylnaphthalene			280 J	1700
2-Nitroaniline		-	Not detected	1700
3,3'-Dichlorobenzidine			Not detected	1700
3-Nitroaniline			Not detected	1700
4-Bromophenvl phenvl ether			Not detected	1700



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Client Sample ID			<b>BD-3/17</b>	
York Sample ID			04030541-09	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
4-Chloroaniline			Not detected	1700
4-Chlorophenyl phenyl ether			Not detected	1700
4-Nitroaniline			Not detected	1700
Acenaphthene			490 J	1700
Acenaphthylene			Not detected	1700
Anthracene			1500 J	1700
Benzo(a)anthracene			2700	1700
Benzo(a)pyrene			1900	1700
Benzo(b)fluoranthene			2000	1700
Benzo(g,h,i)perylene			Not detected	1700
Benzo(k)fluoranthene			2400	1700
Bis(2-chloroethoxy)methane			Not detected	1700
Bis(2-chloroethyl)ether			Not detected	1700
Bis(2-chloroisopropyl)ether			Not detected	1700
Bis(2-ethylhexyl)phthalate			4900	1700
Butyl benzyl phthalate			Not detected	1700
Carbazole			Not detected	750
Chrysene			2500	1700
Dibenzo(a,h)anthracene			Not detected	1700
Dibenzofuran	· · · · · · · · · · · · · · · · · · ·		450 J	1700
Diethylphthalate			Not detected	1700
Dimethylphthalate			Not detected	1700
Di-n-butylphthalate	·····		380 J	1700
Di-n-octylphthalate			Not detected	1700
Fluoranthene			4900	1700
Fluorene			700 J	1700
Hexachlorobenzene			Not detected	1700
Hexachlorobutadiene			Not detected	1700
Hexachlorocyclopentadiene			Not detected	1700
Hexachloroethane			Not detected	1700
Indeno(1,2,3-cd)pyrene			Not detected	1700
Isophorone			Not detected	1700
Naphthalene			270 J	1700
Nitrobenzene			Not detected	1700
N-Nitrosodi-n-propylamine			Not detected	1700
N-Nitrosodiphenylamine			Not detected	1700
Phenanthrene			4600	1700
Pyrene			4600	1700
РСВ	SW846-3550B/8082	mg/Kg		
PCB 1016		<u> </u>	Not detected	0.02
PCB 1221			Not detected	0.02
PCB 1232			Not detected	0.02
PCB 1242	· · · · · · · · · · · · · · · · · · ·		Not detected	0.02
PCB 1248		· · ·	Not detected	0.02
PCB 1254		1	0.10	0.02
PCB 1260	·····		0.08	0.02
PCB, Total			0.18	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg		
Aluminum		<u>0 - 0</u>	6700	1.00
Antimony			4.41	1.00
Arsenic			10.3	1.00

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Client Sample ID			<b>BD-3/17</b>	
York Sample ID			04030541-09	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Barium			285	1.00
Beryllium			Not detected	0.500
Cadmium			3.41	0.500
Calcium			8430	2.00
Chromium			65.3	0.500
Cobalt			18.1	1.00
Copper			260	1.00
Iron			22600	1.00
Lead			893	1.00
Magnesium			2140	2.00
Manganese			321	1.00
Nickel			28.5	1.00
Potassium			1250	3.00
Selenium			Not detected	1.00
Silver			Not detected	1.00
Sodium			1210	5.00
Thallium			Not detected	1.00
Vanadium			26.1	2.00
Zinc			950	2.00
Mercury	SW846-7471	mg/kG	0.52	0.10

Client Sample ID			<b>TB-3/17</b>	
York Sample ID			04030541-10	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L		
1,1,1,2-Tetrachloroethane			Not detected	1
1,1,1-Trichloroethane	-		Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1
1,1,2-Trichloroethane			Not detected	1
1,1-Dichloroethane			Not detected	1
1,1-Dichloroethylene			Not detected	1
1,1-Dichloropropylene			Not detected	1
1,2,3-Trichlorobenzene			Not detected	1
1,2,3-Trichloropropane			Not detected	1
1,2,3-Trimethylbenzene			Not detected	1
1,2,4-Trichlorobenzene			Not detected	1
1,2,4-Trimethylbenzene			Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1
1,2-Dibromoethane			Not detected	1
1,2-Dichlorobenzene			Not detected	1
1,2-Dichloroethane			Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1
1,2-Dichloropropane			Not detected	1
1,3,5-Trimethylbenzene			Not detected	1
1,3-Dichlorobenzene			Not detected	1
1,3-Dichloropropane			Not detected	1
1,4-Dichlorobenzene			Not detected	1
1-Chlorohexane			Not detected	1

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Client Sample ID			TB-3/17	
York Sample ID			04030541-10	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
2,2-Dichloropropane			Not detected	1
2-Chlorotoluene			Not detected	1
4-Chlorotoluene			Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	.1
Bromochloromethane			Not detected	1
Bromodichloromethane			Not detected	1
Bromoform			Not detected	1
Bromomethane			Not detected	1
Carbon tetrachloride			Not detected	1
Chlorobenzene			Not detected	1
Chloroethane			Not detected	1
Chloroform			Not detected	1
Chloromethane			Not detected	1
cis-1,3-Dichloropropylene			Not detected	1
Dibromochloromethane			Not detected	1
Dibromomethane			Not detected	1
Dichlorodifluoromethane			Not detected	1
Ethylbenzene			Not detected	1
Hexachlorobutadiene			Not detected	1
Isopropylbenzene			Not detected	1
Methylene chloride			3 B	1
Naphthalene			Not detected	1
n-Butylbenzene			Not detected	1
n-Propylbenzene			Not detected	1
o-Xylene			Not detected	1
p- & m-Xylenes			Not detected	1
p-Isopropyltoluene			Not detected	1
sec-Butylbenzene			Not detected	1
Styrene			Not detected	1
tert-Butylbenzene			Not detected	1
Tetrachloroethylene			Not detected	1
Toluene			Not detected	1
trans-1,3-Dichloropropylene			Not detected	1
Trichloroethylene			Not detected	1
Trichlorofluoromethane			Not detected	1
Vinyl chloride			Not detected	1

Client Sample ID			EB-3/17	
York Sample ID			04030541-11	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L		
4,4'-DDD			Not detected	0.05
4,4'-DDE			Not detected	0.05
4,4'-DDT			Not detected	0.05
Aldrin			Not detected	0.05
alpha-BHC			Not detected	0.05
beta-BHC			Not detected	0.05



Client Sample ID			EB-3/17	
York Sample ID			04030541-11	
Matrix	······································		WATED	
Parameter	Mathad		Desults	MDI
Chlordane	Wiethou	Units	Not detected	
delta BHC			Not detected	0.2
Dialdrin			Not detected	0.05
Endogulfon I			Not detected	0.05
Endosultan I			Not detected	0.05
Endosulfan gulfata			Not detected	0.05
Endosultan suitate			Not detected	0.05
Endrin Endrin aldabuda			Not detected	0.05
Blidini aldenyde			Not detected	0.05
Hontochlor			Not detected	0.05
Heplachlor en evide			Not detected	0.05
Methamichian			Not detected	0.05
			Not detected	0.2
l oxaphene	011046.0060	/*	Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L		
1,1,1,2-Tetrachloroethane			Not detected	1
I,I,I-Irichloroethane			Not detected	1
1,1,2,2-Tetrachloroethane		<u> </u>	Not detected	1
1,1,2-Trichloroethane			Not detected	1
1,1-Dichloroethane			Not detected	1
1,1-Dichloroethylene			Not detected	1
1,1-Dichloropropylene			Not detected	1
1,2,3-Trichlorobenzene			Not detected	1
1,2,3-Trichloropropane			Not detected	1
1,2,3-Trimethylbenzene			Not detected	1
1,2,4-Trichlorobenzene			Not detected	1
1,2,4-Trimethylbenzene			Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1
1,2-Dibromoethane			Not detected	1
1,2-Dichlorobenzene			Not detected	1
1,2-Dichloroethane			Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1
1,2-Dichloropropane			Not detected	1
1,3,5-Trimethylbenzene			Not detected	1
1,3-Dichlorobenzene			Not detected	1
1,3-Dichloropropane			Not detected	1
1,4-Dichlorobenzene			Not detected	1
1-Chlorohexane			Not detected	1
2,2-Dichloropropane			Not detected	1
2-Chlorotoluene			Not detected	1
4-Chlorotoluene			Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	1
Bromochloromethane			Not detected	1
Bromodichloromethane			Not detected	1
Bromoform			Not detected	1
Bromomethane	· · · · · · · · · · · · · · · · · · ·		Not detected	1
Carbon tetrachloride		-	Not detected	1
Chlorobenzene			Not detected	1
Chloroethane	-		Not detected	1
Chloroform			Not detected	1
Chloromethane			Not detected	1
Chioromenialle			I INOT DETECTED	1



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Client Sample ID			EB-3/17	
York Sample ID			04030541-11	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
cis-1,3-Dichloropropylene			Not detected	1
Dibromochloromethane			Not detected	1
Dibromomethane			Not detected	1
Dichlorodifluoromethane			Not detected	1
Ethylbenzene			Not detected	1
Hexachlorobutadiene			Not detected	1
Isopropylbenzene			Not detected	1
Methylene chloride			4 B	1
Naphthalene			Not detected	1
n-Butylbenzene			Not detected	1
n-Propylbenzene			Not detected	1
o-Xylene			Not detected	1
p- & m-Xylenes			Not detected	1
p-Isopropyltoluene			Not detected	1
sec-Butylbenzene			Not detected	1
Styrene			Not detected	1
tert-Butylbenzene			Not detected	1
Tetrachloroethylene			Not detected	1
Toluene			Not detected	1
trans-1,3-Dichloropropylene			Not detected	1
Trichloroethylene			Not detected	1
Trichlorofluoromethane			Not detected	1
Vinyl chloride			Not detected	1
<b>Base/Neutral Extractables water</b>	SW846-8270	ug/L		
1,2,4-Trichlorobenzene			Not detected	10
1,2-Dichlorobenzene			Not detected	10
1,3-Dichlorobenzene			Not detected	10
1,4-Dichlorobenzene			Not detected	10
2,4-Dinitrotoluene			Not detected	10
2,6-Dinitrotoluene			Not detected	10
2-Chloronaphthalene			Not detected	10
2-Methylnaphthalene			Not detected	10
2-Nitroaniline			Not detected	10
3,3'-Dichlorobenzidine			Not detected	10
<u>3-Nitroaniline</u>			Not detected	10
4-Bromophenyl phenyl ether			Not detected	10
4-Chloroaniline			Not detected	10
4-Chlorophenyl phenyl ether			Not detected	10
4-Nitroaniline			Not detected	10
Acenaphthene			Not detected	10
Acenaphthylene			Not detected	10
Anthracene	· · · · · · · · · · · · · · · · · · ·		Not detected	10
Benzo(a)anthracene			Not detected	10
Benzo(a)pyrene		_	Not detected	10
Benzo(D)Huorantnene			Not detected	10
Demze(1)fugrantiana	· ·		Not detected	10
Diric(2 chloroathawy)mathara			Not detected	10
Dis(2-chloroethoxy)inethane			Not detected	10
Bis(2-chloroicony)ether			Not detected	10
Dis(2-chlorolsopropyl)ether			Not detected	10
Dis(2-curymexyr)philialate		1	1 INUL delected	10

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Client Sample ID			EB-3/17	
York Sample ID			04030541-11	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Butyl benzyl phthalate			Not detected	10
Carbazole			Not detected	10
Chrysene			Not detected	10
Dibenzo(a,h)anthracene			Not detected	10
Dibenzofuran			Not detected	10
Diethylphthalate			Not detected	10
Dimethylphthalate			Not detected	10
Di-n-butylphthalate			Not detected	10
Di-n-octylphthalate			Not detected	10
Fluoranthene			Not detected	10
Fluorene			Not detected	10
Hexachlorobenzene			Not detected	10
Hexachlorobutadiene			Not detected	10
Hexachlorocyclopentadiene	·		Not detected	10
Hexachloroethane	<u> </u>		Not detected	10
Indeno(1.2.3-cd)pyrene	<u> </u>		Not detected	10
Isophorone			Not detected	10
Naphthalene	· · · · ·		Not detected	10
Nitrobenzene			Not detected	10
N-Nitrosodi-n-propylamine		·	Not detected	10
N-Nitrosodinhenvlamine			Not detected	10
Phenanthrene			Not detected	10
Pyrene			Not detected	10
PCB	SW846-3510C/8082	ug/L		
PCB 1016	2		Not detected	0.2
PCB 1221			Not detected	0.2
PCB 1232			Not detected	0.2
PCB 1242			Not detected	0.2
PCB 1248			Not detected	0.2
PCB 1254			Not detected	0.2
PCB 1260			Not detected	0.2
PCB. Total		1	Not detected	0.2
Metals, Target Analyte List(TAL)	SW846-6010	ug/L		
Aluminum			Not detected	5.0
Antimony			Not detected	5.0
Arsenic			Not detected	10.0
Barium			Not detected	10.0
Bervllium			Not detected	1.0
Cadmium			Not detected	3.0
Calcium	· · · · · · · · · · · · · · · · · · ·		Not detected	20.0
Chromium			Not detected	5.0
Cobalt			Not detected	5.0
Copper			Not detected	5.0
Iron		1	79	5.0
Lead			Not detected	3.0
Magnesium			Not detected	10.0
Manganese		1	Not detected	5.0
Nickel			Not detected	5.0
Potassium			Not detected	30.0
Selenium			Not detected	10.0
Silver		1	Not detected	5.0
011701	1	1		1 2.0



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Client Sample ID			EB-3/17	
York Sample ID			04030541-11	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Sodium			Not detected	50.0
Thallium			Not detected	10.0
Vanadium			Not detected	10.0
Zinc			Not detected	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002

**Units Key:** For Waters/Liquids: mg/L = ppm; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

### Notes for York Project No. 04030541

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.

3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.

4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

5. All samples were received in proper condition for analysis with proper documentation.

6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

PW Approved By: Robert Q. Bradley Managing Difector

**Date:** 4/2/2004





# **Definitions for FLAGS used as a Results Suffix**

Flags are sometimes used on results to indicate certain occurences during the analysis process. The most common flags used by York are defined below.

### **FLAG**

J

В

E

#### DEFINITION

J indicates an estimated value. This flag applies to Tentatively Identified Compounds or, when requested, for a target compound whose result is less than the reporting limit but whose mass spectral data meet identification criteria. For example if the reporting limit is listed as 10 ppb and the analysis shows 3 ppb, the result can be reported as 3 J. The client must request the use of J flags for the laboratory to report such flags.

B indicates that the analyte was also found in the associated batch method blank. This flag indicates possible/probable blank contamination and warns the data user to be aware. This mostly applies to the volatiles acetone and methylene chloride and the semi-volatiles bis-(2-ethylhexyl) phthalate and other phthalates.

This flag is used to indicate that the reported concentration of an analyte exceeded the calibration range of the analytical system. In this case the result reported is treated as a minimum value. This often applies where clients request an additional analyte after sample analysis, such as acetone, where the initial analysis did not require dilution since acetone was not a target compound. This flag will also apply if after numerous dilutions a specific target compound would significantly dilute out all other targets.

**ONE RESEARCH DRIVE** 

STAMFORD, CT 06906

36 (203) 325-1371

FAX (203) 357-0166

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AUV	~						Page L of 2
ANALYTICAL LABORATO	JRIES, INC.		Field	Chain-	of-Custc	dy Record	
120 RESEARCH C Stratford, CT 0 (203) 325-1371 Fax (20)	) RIVE 16615 3) 357-0166					ho	.120h0
Company Name	Report T	.0	<u>Invoice To:</u>		ect ID/No.	1) Deach (N	مګار
Enviroscience Consultants, Im.	Grag Henry	0	Some	Weder/	bil SDG6	to sample colle	ected By (Signature)
Sample No. Lo	cation/ID [	Date Sai	mpled Water	Tople Matrix Soil Air DTHER	ANALYSES	; REQUESTED	Container Description(s)
1 78-	118 -	3/17/04	×		NOCO DNLY		2-40mc HCL
Z HW-10	, AC			×	VOCs, SVOCaL	HHS & BNS), TOHI Bs, Pesticides	2-802 Jar mare
J. MM -IC	ეც			×			
H-MM-1	DA HS/HED			×			6-802jarlmore
5 mm	N B			×			2-802 jarhore
6 HW-I	2A			×			
T-WH-T	123			×			
8 Hw-1	13 A			×			
9 Mu-	13C			X		*	
2 0 0	D- 3/17			X	$\rightarrow$		~
Chain-of-Custody Reco	rd	Hule	Merende	- 3/18/04	N. 10.40H	ame	3/18 1045
Bottles Relinquished from Lal	Ib by Date/Time	Sa	mple Relinquished by	Date/T	em	Sample Received by A	15 7 NAM U. 16
Bottle Received in Field by	Date/Time	8 8	mple Relinquished by	Date/T	me	Imple Received in the by	Date/Time
Comments/Special Instru	ictions	-				Turn-Around Time	
~	UNSDEC AS	PCA	tB Deliv	وماملعي		Standard KU	JSH(detine)

	AC						Page 2 of 4
ANALYTICAL LABO	RATORIES, INC			Field (	Chain-of-Cu	istody Record	ner andre
120 RESEA Stratford,	ксн DRIVE CT 06615 Ссторузьт-01	С Ч	I			ONO	2 DOUL
Company Na		Report To:	Invo	ice To:	57-15 49#St. Masset	(Site) June (Ma	ed By (Simature)
Enviroscience Consultants, I	َیْ بن	g Heng	0. 	g	(Project) NYEDEP / Soil SDG	6 Tacy Wall	eu by (olgracue) (Printed)
Sample No.	Location/II		ate Sampled	Samp Water So	ole Matrix Dit Air DTHER ANAI	YSES REQUESTED	Container Description(s)
11	EB-3/17	67	3/17104	×	HCHIS, 1 HCHIS, 1	sco (PAHro & BAK), Iohal IA PCBs, Perhida	4-16 Ambas /Novo
							1999 13** 7.71 ( PEA
Chain-of-Custody	Record		Phenochere.	nder	3/18/04 10:40A	Warney .	3/18 10 ×11
Bottles Relinquished	from Lab by	Date/Time	Sample Relir	yd by	Date/Time	Samole Received by NS 2	M U. L
Bottles Received in	Field by	Date/Time	Sample Relir	nquished by	Date/Time	Sample Received in LAB by	Date/Time
Comments/Special	Instructions			4	7.1	X Standard Time	sH(define)
	5	SUEC 1	R/ CH	15 Dev	Canavany		

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York Analytical Laboratories, Inc.

# **Invoice**

## Invoice Date:4/2/2004

Invoice Number: 58962

- To: Enviroscience Consultants, Inc. 33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio
- Remit to: York Analytical Laboratories, Inc—<u>NOTE NEW ADDRESS</u> 120 Research Drive Stratford, CT 06615 Attention: Accounts Receivable

Your Purchase Order/Authorization: Verbal: Greg Menegio Our Sample References: 04030541 Your Project Reference: 57-15 49th St. Maspeth (Site) Samples

Your Project Reference: 57-15 49th St. Maspeth (Site) Samples Received On: 03/18/04

# **Detailed Invoice information**

Analysis Name	Quantity	Unit Price	_ Total Price
Volatiles-8260 list	9	\$90.00	\$810.00
Base/Neutral Extractables soil	9	\$140.00	\$1,260.00
Metals, Target Analyte List(TAL)	9	\$100.00	\$900.00
PCB/Pesticides 8080 List Soil	9	\$95.00	\$855.00
Volatiles-8260 list	1	\$90.00	\$90.00
Trip Blank	1	\$0.00	\$0.00
Base/Neutral Extractables water	1	\$140.00	\$140.00
Metals, Target Analyte List(TAL)	1	\$100.00	\$100.00
PCB/Pesticides 8080 List Water	1	\$95.00	\$95.00
QA/QC Data Package (included)	1	\$0.00	\$0.00
Invoice Total			\$4,250.00

We appreciate your business and your continued support. We remain committed to supplying you the highest quality and service possible. If you have any questions about this invoice, please contact us at (203) 325-1371.

## **TERMS NET 30 DAYS**

Original Invoice = Blue Copies = White



# **Technical Report**

prepared for

Enviroscience Consultants, Inc. 33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

Report Date: 12/10/2003 *Re: Client Project ID: DEP/Soil SDG-1/Maspeth, NY* York Project No.: 03110576

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 NJ License No. CT401



ONE RESEARCH DRIVE

STAMFORD, CT 06906 (203) 325-1371

FAX (203) 357-0166

Page 1 of 32

## Report Date: 12/10/2003 Client Project ID: DEP/Soil SDG-1/Maspeth, NY York Project No.: 03110576

### Enviroscience Consultants, Inc.

33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 11/20/03. The project was identified as your project "DEP/Soil SDG-1/Maspeth, NY."

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			SB-1A		SB-1B	
York Sample ID			03110576-01		03110576-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE	_		Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10

## Analysis Results

# YORK

Vork Sample ID         0311057-01         0311057-02           Parameter         Method         Units         Results         MDI         Results         MDI           Heptachlor epoxide         Not detected         50         Not detected         50         Not detected         50           Methoxychlor         Not detected         500         Not detected         500         Not detected         500           Volarites-8260         Ing Kg               1,1,12-Tetrachloroethane         Not detected         5.0         Not detected         5.0           1,1,2.7-Tetrachloroethane         Not detected         5.0         Not detected         5.0           1,1,2.7-Tetrachloroethane         Not detected         5.0         Not detected         5.0           1,1-Dichloroethynen         Not detected         5.0         Not detected         5.0           1,1-Dichloroethynen         Not detected         5.0         Not detected         5.0           1,2.3-Tritchloroethane         Not detected         5.0         Not detected         5.0           1,2.4-Tritchloroethane         Not detected         5.0         Not detected         5.0           1,2.4-Tritmetrybenzane	Client Sample ID			SB-1A		SB-1B	
Matrix         SOIL         SOIL         SOIL           Parameter         Method         Units         Results         MDI.         Results         MDI.           Heptschlor spoxide         Not detected         50         Not detected         50         Not detected         50           Toxaphene         Not detected         500         Not detected         500         Not detected         500           1,1,2-Tetachtoroethane         Not detected         5.0         Not detected         5.0         Not detected         5.0           1,1,2-Trichhoroethane         Not detected         5.0         Not detected         5.0         Not detected         5.0           1,1,2-Trichhoroethane         Not detected         5.0         Not detected         5.0         Not detected         5.0           1,1-Dichhoroethylene         Not detected         5.0         Not detected         5.0         Not detected         5.0           1,2,3-Trichhorophylene         Not detected         5.0         Not detected         5.0         Not detected         5.0           1,2,4-Trichhorobenzene         Not detected         5.0         Not detected         5.0         Not detected         5.0           1,2,4-Trichhorobenzene         Not detected <th>York Sample ID</th> <th></th> <th></th> <th>03110576-01</th> <th></th> <th>03110576-02</th> <th></th>	York Sample ID			03110576-01		03110576-02	
Parameter         Method         Units         Results         MDL         Results         MDL           Heptochlor epoxide         Not detected         50         Not detected         50           Methoxychior         Not detected         500         Not detected         500           Valatile=\$260 list         SW846-8260         ug/Kg              1,1,1-Trichloroethane         Not detected         5.0         Not detected         5.0         Not detected         5.0           1,1,2.2-Tetrachloroethane         Not detected         5.0         Not detected         5.0         Not detected         5.0           1,1-Dichloroethylene         Not detected         5.0         Not detected         5.0         Not detected         5.0           1,1-Dichloroethylene         Not detected         5.0         Not detected         5.0         Not detected         5.0           1,2,5-Trinchlorophorpane         Not detected         5.0         Not detected         5.0         Not detected         5.0           1,2,4-Trinnethylbenzene         Not detected         5.0         Not detected         5.0         Not detected         5.0           1,2-Dichoronopropane         Not detected         5.0 <t< th=""><th>Matrix</th><th></th><th></th><th>SOIL</th><th></th><th>SOIL</th><th></th></t<>	Matrix			SOIL		SOIL	
Hepschlor epoxide         Not detected         10         Not detected         50           Toxaphene         Not detected         500         Not detected         500           Valatiles-8260 list         SW846-8260         ug/kg	Parameter	Method	Units	Results	MDL	Results	MDL
Methoxychlor         Not detected         50         Not detected         50           Toxaphene         Not detected         50         Not detected         50           Volatiles2360 list         SW846-8260         ug/kg	Heptachlor epoxide			Not detected	10	Not detected	10
Toxaphene         Not detected         500           Volatiles-8260 ist         SW846-8260         ug/Kg	Methoxychlor			Not detected	50	Not detected	50
Volatiles-8200 list         SW846-8260         ug/kg              1,1,1-Trichloroethane         Not detected         5.0         Not detected         5.0           1,1,2-Trichloroethane         Not detected         5.0         Not detected         5.0           1,1,2-Trichloroethane         Not detected         5.0         Not detected         5.0           1,1-Dichloroethylene         Not detected         5.0         Not detected         5.0           1,1-Dichloroethylene         Not detected         5.0         Not detected         5.0           1,2,3-Trichloroethane         Not detected         5.0         Not detected         5.0           1,2,3-Trichlorophynene         Not detected         5.0         Not detected         5.0           1,2,4-Trimethylbenzene         Not detected         5.0         Not detected         5.0           1,2-Dibromo-3-chloropropane         Not detected         5.0         Not detected         5.0           1,2-Dibromo-3-chloropropane         Not detected         5.0         Not detected         5.0           1,2-Dichloroethane         Not detected         5.0         Not detected         5.0           1,2-Dichloroethane         Not detected         5.0         <	Toxaphene			Not detected	500	Not detected	500
1,1,12-Terrachloroethane       Not detected       5.0       Not detected       5.0         1,1,2:Trichloroethane       Not detected       5.0       Not detected       5.0         1,1,2:Trichloroethane       Not detected       5.0       Not detected       5.0         1,1:Dichloroethane       Not detected       5.0       Not detected       5.0         1,1:Dichloroethylene       Not detected       5.0       Not detected       5.0         1,1:Dichloroethylene       Not detected       5.0       Not detected       5.0         1,2:3:Trichloropropane       Not detected       5.0       Not detected       5.0         1,2:3:Trichloropropane       Not detected       5.0       Not detected       5.0         1,2:4:Trichloropropane       Not detected       5.0       Not detected       5.0         1,2:Dibromo-3-chloropropane       Not detected       5.0       Not detected       5.0         1,2:Dichloroebnzene       Not detected       5	Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1-Trichloroethane       Not detected       5.0       Not detected       5.0         1,1,2-Trichloroethane       Not detected       5.0       Not detected       5.0         1,1-Dichloroethane       Not detected       5.0       Not detected       5.0         1,1-Dichloroethane       Not detected       5.0       Not detected       5.0         1,1-Dichloroethylene       Not detected       5.0       Not detected       5.0         1,2,3-Trichlorobenzene       Not detected       5.0       Not detected       5.0         1,2,3-Trichlorobenzene       Not detected       5.0       Not detected       5.0         1,2,4-Trichlorobenzene       Not detected       5.0       Not detected       5.0         1,2,2-Trichlorobenzene       Not detected       5.0       Not detected       5.0         1,2-Dichoroethane       Not detected       5.0       Not detected       5.0         1,2-Dichoroethane       Not detected       5.0       Not detected       5.0         1,2-Dichloroethane       Not detected       5.0       Not detected       5.0         1,2-Dichloroethane       Not detected       5.0       Not detected       5.0         1,2-Dichloroethylene (Total)       Not detected       5.0	1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Tetrachioroethane       Not detected       5.0       Not detected       5.0         1,1-Dichloroethane       Not detected       5.0       Not detected       5.0         1,1-Dichloroethylene       Not detected       5.0       Not detected       5.0         1,1-Dichloroethylene       Not detected       5.0       Not detected       5.0         1,2,3-Trichloropopylene       Not detected       5.0       Not detected       5.0         1,2,3-Trichloropopylene       Not detected       5.0       Not detected       5.0         1,2,3-Trichloropopane       Not detected       5.0       Not detected       5.0         1,2,4-Trichloropopane       Not detected       5.0       Not detected       5.0         1,2,4-Trichloropona       Not detected       5.0       Not detected       5.0         1,2-Dibromo-s-holoropropane       Not detected       5.0       Not detected       5.0         1,2-Dichloroethynen       Tot detected       5.0       Not detected       5.0         1,2-Dichloropropane       Not detected       5.0       Not detected       5.0         1,3-Dichloropropane       Not detected       5.0       Not detected       5.0         1,3-Dichloropropane       Not detected       5.0	1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane       Not detected       5.0       Not detected       5.0         1,1-Dichloroethane       Not detected       5.0       Not detected       5.0         1,1-Dichloropropylene       Not detected       5.0       Not detected       5.0         1,2,3-Trichloropropane       Not detected       5.0       Not detected       5.0         1,2,3-Trichloropropane       Not detected       5.0       Not detected       5.0         1,2,4-Trinchloropropane       Not detected       5.0       Not detected       5.0         1,2,4-Trinchloropropane       Not detected       5.0       Not detected       5.0         1,2-Dirbornoorphane       Not detected       5.0       Not detected       5.0         1,2-Dichloroptopane       Not detected       5.0       Not detected       5.0         1,3-Dichloroptopane       Not detected       5.0	1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1.1-Dichloroethane     Not detected     5.0     Not detected     5.0       1.1-Dichloroprypine     Not detected     5.0     Not detected     5.0       1.2,3-Trichloropropane     Not detected     5.0     Not detected     5.0       1.2,3-Trichloropropane     Not detected     5.0     Not detected     5.0       1.2,3-Trinchloropropane     Not detected     5.0     Not detected     5.0       1.2,4-Trinethylbenzene     Not detected     5.0     Not detected     5.0       1.2,4-Trinethylbenzene     Not detected     5.0     Not detected     5.0       1.2,2-Dibromo-5-chloropropane     Not detected     5.0     Not detected     5.0       1.2-Dichloroethane     Not detected     5.0     Not detected     5.0       1.2-Dichloroethane     Not detected     5.0     Not detected     5.0       1.2-Dichloroethylene (Total)     Not detected     5.0     Not detected     5.0       1.2-Dichloropropane     Not detected     5.0     Not detected     5.0       1.3-Dichloropropane     Not detected     5.0     Not detected     5.0       1.3-Dichloropropane     Not detected     5.0     Not detected     5.0       1.3-Dichloropropane     Not detected     5.0     Not detected     5.0	1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloropethylene       Not detected       5.0       Not detected       5.0         1,2,3-Trichlorobenzene       Not detected       5.0       Not detected       5.0         1,2,3-Trichlorobenzene       Not detected       5.0       Not detected       5.0         1,2,3-Trichlorobenzene       Not detected       5.0       Not detected       5.0         1,2,4-Trinkentylbenzene       Not detected       5.0       Not detected       5.0         1,2,4-Trinkentylbenzene       Not detected       5.0       Not detected       5.0         1,2-Dibromoethane       Not detected       5.0       Not detected       5.0         1,2-Dibromoethane       Not detected       5.0       Not detected       5.0         1,2-Dibromoethane       Not detected       5.0       Not detected       5.0         1,2-Dichloropenzene       Not detected       5.0       Not detected       5.0         1,2-Dichloropengene       Not detected       5.0       Not detected       5.0         1,2-Dichloropengene       Not detected       5.0       Not detected       5.0         1,2-Dichloropenzene       Not detected       5.0       Not detected       5.0         1,3-Dichloropenzene       Not detected       5.0	1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene       Not detected       5.0       Not detected       5.0         1,2,3-Trichloropropane       Not detected       5.0       Not detected       5.0         1,2,3-Trichloropropane       Not detected       5.0       Not detected       5.0         1,2,4-Trichloropropane       Not detected       5.0       Not detected       5.0         1,2,4-Trinethylbenzene       Not detected       5.0       Not detected       5.0         1,2,4-Trimethylbenzene       Not detected       5.0       Not detected       5.0         1,2-Dibromo-3-chloropropane       Not detected       5.0       Not detected       5.0         1,2-Dichloroethane       Not detected       5.0       Not detected       5.0         1,2-Dichloroethane       Not detected       5.0       Not detected       5.0         1,2-Dichloroethane       Not detected       5.0       Not detected       5.0         1,2-Dichloropropane       Not detected       5.0       Not detected       5.0         1,3-Dichloropropane       Not detected       5.0       Not detected       5.0         1,3-Dichloropropane       Not detected       5.0       Not detected       5.0         1,3-Dichloropropane       Not detected       5.0 <td>1,1-Dichloroethylene</td> <td></td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1.2.3-Trichloropropane       Not detected       5.0       Not detected       5.0         1.2.3-Trinchtyblenzene       Not detected       5.0       Not detected       5.0         1.2.4-Trinchtyblenzene       Not detected       5.0       Not detected       5.0         1.2.Dibromesthane       Not detected       5.0       Not detected       5.0         1.2.Dichloroentane       Not detected       5.0       Not detected       5.0         1.2.Dichloroentane       Not detected       5.0       Not detected       5.0         1.2.Dichloroentypene       Not detected       5.0       Not detected       5.0         1.3.5-Trinethyblenzene       Not detected       5.0       Not detected       5.0         1.3.5-Trinethyblenzene       Not detected       5.0       Not detected       5.0         1.4-Dichloropropane       Not detected       5.0       Not detected       5.0         1.4-Dichloropropane       Not detected       5.0 <td>1,1-Dichloropropylene</td> <td></td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane       Not detected       5.0       Not detected       5.0         1,2,3-Trimethylbenzene       Not detected       5.0       Not detected       5.0         1,2,4-Trinethylbenzene       Not detected       5.0       Not detected       5.0         1,2-Dibromo-3-chloropropane       Not detected       5.0       Not detected       5.0         1,2-Dibromothane       Not detected       5.0       Not detected       5.0         1,2-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,2-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,2-Dichlorophane       Not detected       5.0       Not detected       5.0         1,2-Dichlorophane       Not detected       5.0       Not detected       5.0         1,3-Trimethylbenzene       Not detected       5.0       Not detected       5.0         1,3-Dichlorophane       Not detected       5.0       Not de	1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene       Not detected       5.0       Not detected       5.0         1,2,4-Trimethylbenzene       Not detected       5.0       Not detected       5.0         1,2-Dibromo-3-chioropropane       Not detected       5.0       Not detected       5.0         1,2-Dibromo-3-chioropropane       Not detected       5.0       Not detected       5.0         1,2-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,2-Dichloroethane       Not detected       5.0       Not detected       5.0         1,2-Dichloroethane       Not detected       5.0       Not detected       5.0         1,2-Dichloropapane       Not detected       5.0       Not detected       5.0         1,3-5-Trimethylbenzene       Not detected       5.0       Not detected       5.0         1,3-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,3-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,4-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,2-Dichlorophypane       Not detected       5.0       Not detected       5.0         1,2-Dichlorophypane       Not detected       5.0 <td>1,2,3-Trichloropropane</td> <td>·</td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	1,2,3-Trichloropropane	·		Not detected	5.0	Not detected	5.0
1,2,4-Trinchtorobenzene       Not detected       5.0       Not detected       5.0         1,2,-Dibromo-3-chloropropane       Not detected       5.0       Not detected       5.0         1,2-Dibromoethane       Not detected       5.0       Not detected       5.0         1,2-Dichloroethane       Not detected       5.0       Not detected       5.0         1,2-Dichloroethane       Not detected       5.0       Not detected       5.0         1,2-Dichloroethylene (Total)       Not detected       5.0       Not detected       5.0         1,2-Dichloropane       Not detected       5.0       Not detected       5.0         1,3,5-Trimethylbenzene       Not detected       5.0       Not detected       5.0         1,3-Dichloroporpane       Not detected       5.0       Not detected       5.0         1,4-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,4-Dichloroponpane       Not detected       5.0       Not detected       5.0         1,4-Dichloroponpane       Not detected       5.0       Not detected       5.0         2,2-Dichloropropane       Not detected       5.0       Not detected       5.0         2,2-Dichloropropane       Not detected       5.0	1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene       Not detected       5.0       Not detected       5.0         1,2-Dibromo-3-chloropropane       Not detected       5.0       Not detected       5.0         1,2-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,2-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,2-Dichloropropane       Not detected       5.0       Not detected       5.0         1,3,5-Trimethylbenzene       Not detected       5.0       Not detected       5.0         1,3-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,3-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,4-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,4-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,4-Dichlorobenzene       Not detected       5.0       Not detected       5.0         2,2-Dichloropropane       Not detected       5.0       Not detected       5.0         2,2-Dichloropropane       Not detected       5.0       Not detected       5.0         4-Chlorotoluene       Not detected       5.0 <td< td=""><td>1,2,4-Trichlorobenzene</td><td></td><td></td><td>Not detected</td><td>5.0</td><td>Not detected</td><td>5.0</td></td<>	1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-2-chloropropane       Not detected       5.0       Not detected       5.0         1,2-Diblomoethane       Not detected       5.0       Not detected       5.0         1,2-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,2-Dichloropenzene       Not detected       5.0       Not detected       5.0         1,2-Dichloropenzene       Not detected       5.0       Not detected       5.0         1,2-Dichloropenzene       Not detected       5.0       Not detected       5.0         1,3-Dichloropenzene       Not detected       5.0       Not detected       5.0         1,3-Dichloropenzene       Not detected       5.0       Not detected       5.0         1,4-Dichlorobenzene       Not detected       5.0       Not detected       5.0         1,4-Dichlorobenzene       Not detected       5.0       Not detected       5.0         2,2-Dichloropropane       Not detected       5.0       Not	1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
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ChildronnethalleNot detected5.0Not detected5.0cis-1,3-DichloropropyleneNot detected5.0Not detected5.0DibromochloromethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0Hexachlorobutadiene275.0Not detected5.0Isopropylbenzene275.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0NaphthaleneNot detected5.0Not detected5.0Not detected5.0Not detected5.05.0	Chloromothono			Not detected	5.0	Not detected	5.0
Cis-1,3-DichlorophypelleNot detected5.0Not detected5.0DibromochloromethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0Isopropylbenzene275.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0NaphthaleneNot detected5.0Not detected5.0Not detected5.0Not detected5.05.0	chloromethane			Not detected	5.0	Not detected	5.0
DibromotionethateNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0Isopropylbenzene275.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0NaphthaleneNot detected5.0Not detected5.0Not detected5.0Not detected5.0Not detected5.0	Dibromochloromethane			Not detected	5.0	Not detected	5.0
DichlorodifluoromethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0Isopropylbenzene275.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0NaphthaleneNot detected5.0Not detected5.0Not detected5.0Not detected5.0Not detected5.0	Dibromomethane	+		Not detected	5.0	Not detected	5.0
EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0Isopropylbenzene275.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0NaphthaleneNot detected5.0Not detected5.0Not detected5.0Not detected5.0Not detectedNot detected5.0Not detected5.0Not detected	Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene     Not detected     5.0     Not detected     5.0       Hexachlorobutadiene     Not detected     5.0     Not detected     5.0       Isopropylbenzene     27     5.0     Not detected     5.0       Methylene chloride     Not detected     5.0     Not detected     5.0       Naphthalene     Not detected     5.0     Not detected     5.0       Not detected     5.0     Not detected     5.0	Fthylbenzene	1		Not detected	5.0	Not detected	5.0
Isopropylbenzene     27     5.0     Not detected     5.0       Methylene chloride     Not detected     5.0     Not detected     5.0       Naphthalene     Not detected     5.0     Not detected     5.0       n-Butylbenzene     Not detected     5.0     Not detected     5.0	Heyachlorobutadiene	1	1	Not detected	5.0	Not detected	5.0
Inspire     Inspire       Methylene chloride     Not detected       Naphthalene     Not detected       n-Butylbenzene     Not detected	Isonropylbenzene	+		27	5.0	Not detected	5.0
Not detected     5.0     Not detected     5.0       Naphthalene     Not detected     5.0     Not detected     5.0       n-Butylbenzene     Not detected     5.0     Not detected     5.0	Methylene chloride	+		Not detected	5.0	Not detected	5.0
n-Butylbenzene Not detected 5.0 Not detected 5.0	Nanhthalene	<u> </u>		Not detected	5.0	Not detected	5.0
	n-Rutylhenzene	1		Not detected	5.0	Not detected	5.0

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Client Sample ID			SB-1A		SB-1B	
York Sample ID			03110576-01		03110576-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xvlene	-		Not detected	5.0	Not detected	5.0
n- & m-Xylenes			7	5.0	Not detected	5.0
n-Isopronyltoluene			13	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			39	5.0	Not detected	5.0
trans-1.3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinvl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			Not detected	1700	Not detected	330
Acenaphthylene			Not detected	1700	Not detected	330
Anthracene			440 J	1700	140 J	330
Benzolalanthracene	······································		2300	1700	480	330
Benzo[a]pyrene			1900	1700	400	330
Benzo[b]fluoranthene			1300 J	1700	290 J	330
Benzo[g,h,i]pervlene			1400 J	1700	300 J	330
Benzo[k]fluoranthene			1700	1700	370	330
Chrysene			2400	1700	500	330
Dibenz[a_h]anthracene			680 J	1700	170 J	330
Fluoranthene			3800	1700	1100	330
Fluorene	·····		Not detected	1700	Not detected	330
Indeno[1,2,3-cd]pyrene	······································		1400 J	1700	300 J	330
Naphthalene			Not detected	1700	Not detected	330
Phenanthrene			1500 J	1700	430	330
Pyrene			3800	1700	1000	330
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1260	1		Not detected	0.02	Not detected	0.02
PCB, Total			Not detected	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			6860	1.00	6140	1.00
Antimony			5.01	1.00	Not detected	1.00
Arsenic			11.8	1.00	4.60	1.00
Barium			368	1.00	151	1.00
Beryllium	1		Not detected	0.500	Not detected	0.500
Cadmium			3.99	0.500	1.01	0.500
Calcium	1		13600	2.00	17600	2.00
Chromium		1	112	0.500	66.9	0.500
Cobalt		1	78.3	1.00	300	1.00
Copper			1210	1.00	700	1.00
Iron			56700	1.00	39100	1.00

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Client Sample ID			SB-1A		SB-1B	
York Sample ID			03110576-01		03110576-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead			1200	1.00	717	1.00
Magnesium			3210	2.00	3770	2.00
Manganese			428	1.00	284	1.00
Nickel			30.6	1.00	24.5	1.00
Potassium			883	3.00	898	3.00
Selenium			10.3	1.00	8.14	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			140	5.00	12800	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			26.0	2.00	19.6	2.00
Zinc			5770	2.00	5330	2.00
Mercury	SW846-7471	mg/kG	0.87	0.10	0.65	0.10

Client Sample ID			SB-2A		SB-2B	
York Sample ID			03110576-03		03110576-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate		1	Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane		1	Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene		1	Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene		1	Not detected	5.0	Not detected	5.0

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Client Sample ID			SB-2A		SB-2B	
York Sample ID			03110576-03		03110576-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene	······		Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride		-	Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			1100	660	Not detected	330

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Client Sample ID			SB-2A		SB-2B	
York Sample ID			03110576-03		03110576-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Acenaphthylene			Not detected	660	Not detected	330
Anthracene			1900	660	Not detected	330
Benzo[a]anthracene			2900	660	89 J	330
Benzo[a]nvrene			1900	660	75 J	330
Benzo[b]fluoranthene			1500	660	Not detected	330
Benzolg h i]pervlene			990	660	Not detected	330
Benzo[k]fluoranthene			1600	660	61 I	330
Chrysene			2600	660	99 1	330
Dibenz[a h]anthracene			650 I	660	Not detected	330
Fluoranthene			5000	660	230 I	330
Fluorene			1100	660	Not detected	330
Indeno[1.2.3-cd]pyrene			1200	660	Not detected	330
Nanhthalana			730	660	Not detected	330
Dhononthrono			4600	660	180 I	330
Phenalithene			4000	660	240 I	330
Pytelle	SW046 2550D/0002	ma/Va	4300	000	240 J	550
PCB	5W040-3330D/0002	mg/Kg	Not detected	0.02	Not detected	0.02
PCB 1010	·····		Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248	<del></del>		Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1260			Not detected	0.02	Not detected	0.02
PCB, Total			Not detected	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			19700	1.00	6500	1.00
Antimony			39.5	1.00	Not detected	1.00
Arsenic			Not detected	1.00	4.06	1.00
Barium			722	1.00	71.2	1.00
Beryllium	· · · · · · · · · · · · · · · · · · ·		Not detected	0.500	Not detected	0.500
Cadmium			11.1	0.500	Not detected	0.500
Calcium			17200	2.00	1970	2.00
Chromium			870	0.500	27.0	0.500
Cobalt		·	1470	1.00	30.8	1.00
Copper			5960	1.00	150	1.00
Iron			140000	1.00	18000	1.00
Lead			3430	1.00	148	1.00
Magnesium			17400	2.00	2360	2.00
Manganese			942	1.00	287	1.00
Nickel			254	1.00	14.3	1.00
Potassium			3560	3.00	743	3.00
Selenium			Not detected	1.00	3.60	1.00
Silver	· · ··· ·· ·· · · · · · · · · · · · ·	1	Not detected	1.00	Not detected	1.00
Sodium			74700	5.00	1760	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			116	2.00	19.4	2.00
Zinc		1	17000	2.00	714	2.00
Mercury	SW846-7471	mg/kG	0.53	0.10	0.93	0.10

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Client Sample ID			MW-6A		SB-3A	
York Sample ID			03110576-05		03110576-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg_				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane		ļ	Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene	·····	<u> </u>	Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene		<u> </u>	Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene	1	-	Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene	l		Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
I,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chloronexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane		-	Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene	+		Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene	+		Not detected	5.0	Not detected	5.0
Bromochloromethane	· · · · · · · · · · · · · · · · · · ·	-+	Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected		Not detected	5.0

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Client Sample ID			MW-6A		SB-3A	
York Sample ID			03110576-05		03110576-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			Not detected	330	Not detected	660
Acenaphthylene			Not detected	330	Not detected	660
Anthracene			58 J	330	Not detected	660
Benzo[a]anthracene			250 J	330	Not detected	660
Benzo[a]pyrene			220 J	330	Not detected	660
Benzo[b]fluoranthene			200 J	330	Not detected	660
Benzo[g,h,i]perylene			110 J	330	Not detected	660
Benzo[k]fluoranthene			230 J	330	Not detected	660
Chrysene			290 J	330	Not detected	660
Dibenz[a,h]anthracene			56 J	330	Not detected	660
Fluoranthene			510	330	150 J	660
Fluorene			Not detected	330	Not detected	660
Indeno[1,2,3-cd]pyrene			120 J	330	Not detected	660
Naphthalene			Not detected	330	Not detected	660
Phenanthrene			270 J	330	Not detected	660
Pyrene			460	330	150 J	660
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02

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Client Sample ID			MW-6A		SB-3A	
York Sample ID			03110576-05		03110576-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1260			Not detected	0.02	Not detected	0.02
PCB, Total			Not detected	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			20600	1.00	14100	1.00
Antimony			25.2	1.00	13.1	1.00
Arsenic			Not detected	1.00	33.0	1.00
Barium			768	1.00	4060	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			11.6	0.500	3.69	0.500
Calcium			16400	2.00	13000	2.00
Chromium			591	0.500	365	0.500
Cobalt			1020	1.00	701	1.00
Copper			6090	1.00	3630	1.00
Iron			146000	1.00	103000	1.00
Lead			4380	1.00	3480	1.00
Magnesium			11300	2.00	10700	2.00
Manganese			894	1.00	963	1.00
Nickel			599	1.00	298	1.00
Potassium			4350	3.00	2530	3.00
Selenium			Not detected	1.00	7.58	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			96500	5.00	86900	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			106	2.00	66.3	2.00
Zinc			19100	2.00	19000	2.00
Mercury	SW846-7471	mg/kG	0.56	0.10	2.85	0.10

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Client Sample ID			SB-3B		SB-4A	
York Sample ID			03110576-07		03110576-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT		Ę	Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10

York Sample ID     0311057-07     0311057-08     >       Parameter     Method     Units     Results     MDL     Results     MDL       gamma-Bill C (Lindane)     Not detected     10     Not detected     10     Not detected     10       Heptachlor     Not detected     10     Not detected     10     Not detected     50       Methoxychlor     Not detected     50     Not detected     50     Not detected     50       Valatiles-8200 list     SW846-8260     ug/Kg	Client Sample ID			SB-3B		SB-4A	
Matrix     SOIL     SOIL     Mode       Parameter     Method     Units     Results     MDL     Results     MDL       gamma-BHC (Lindanc)     Not detected     10     Not detected     10     Not detected     10       Heptachlor     Not detected     10     Not detected     50     Not detected     50       Methoxychlor     Not detected     50     Not detected     50     Not detected     50       Toxaphene     W846-8260     ug/Kg	York Sample ID			03110576-07		03110576-08	
Parameter     Method     Units     Results     MDL     Results     MDL       gamma-Bild (Lindane)     Not detected     10     Not detected     10     Not detected     10       Heptachlor epoxide     Not detected     10     Not detected     50     Not detected     50       Ovaliaties-8260 list     SW846-8260     ug/Kg          1,1,1-Tetrachloroethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1,2-Tetrachloroethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1,2-Tetrachloroethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1-Dichloroethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1-Dichloroethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2,3-Trichlorobenzene     Not detected     5.0     Not detected     5.0     Not detected     5.0 <t< th=""><th>Matrix</th><th></th><th></th><th>SOIL</th><th></th><th>SOIL</th><th></th></t<>	Matrix			SOIL		SOIL	
gamme-BHC (Lindane)     Not detected     10     Not detected     10       Heptachlor     Not detected     10     Not detected     10       Heptachlor epoxide     Not detected     50     Not detected     50       Toxaphene     Not detected     50     Not detected     50       Volatiles 5200 list     SW846-8260     ug/Kg         1,1,2-Tetrachloroethane     Not detected     5.0     Not detected     5.0       1,1,2-Tetrachloroethane     Not detected     5.0     Not detected     5.0       1,1,2-Trichloroethane     Not detected     5.0     Not detected     5.0       1,1-Dichloroethylene     Not detected     5.0     Not detected     5.0       1,1-Dichloroethylene     Not detected     5.0     Not detected     5.0       1,2-Trichlorobergane     Not detected     5.0     Not detected     5.0       1,2-Trinhoroppane     Not detected     5.0     Not detected     5.0       1,2-Trinhoroppane     Not detected     5.0     Not detected     5.0	Parameter	Method	Units	Results	MDL	Results	MDL
Heptachlor     Nit detected     10     Not detected     10       Mettachlor epoxide     Nit detected     10     Not detected     10       Mettachlor epoxide     Nit detected     50     Not detected     500       Valatiles-8200 list     SW846-8260     with detected     500     Not detected     500       1,1,1-Trichloroethane     Nit detected     5.0     Not detected     5.0     Not detected     5.0       1,1,2,2-Tetrachloroethane     Nit detected     5.0     Not detected     5.0     Not detected     5.0       1,1,2-Trichloroethane     Nit detected     5.0     Not detected     5.0     Not detected     5.0       1,1-Dichloroethane     Nit detected     5.0     Not detected     5.0     Not detected     5.0       1,2,3-Trichlorophogene     Nit detected     5.0     Not detected     5.0     Not detected     5.0       1,2,3-Trichlorophogene     Nit detected     5.0     Not detected     5.0     Nit detected     5.0       1,2,3-Trinhottybbenzene     Nit detected     5.0     Nit detected	gamma-BHC (Lindane)			Not detected	10	Not detected	10
Hepizehlor epoxide     Not detected     10       Methoxychlor     Not detected     50     Not detected     50       Toxaphene     Not detected     50     Not detected     50       Volatiles-8260 inst     SW846-8260     ug/Kg          1,1,12-Trichloroethane     Not detected     5.0     Not detected     5.0       1,1,2-Trichloroethane     Not detected     5.0     Not detected     5.0       1,1-Dichloroethane     Not detected     5.0     Not detected     5.0       1,1-Dichloroethane     Not detected     5.0     Not detected     5.0       1,2,3-Trichlorophylene     Not detected     5.0     Not detected     5.0       1,2,4-Trinedhylbenzene     Not detected     5.0     Not detected     5.0       1,2,4-Trinethylbenzene     Not detected     5.0     Not detected     5.0       1,2,2-Trinethylbenzene     Not detected     5.0     Not detected     5.0       1,2,2-Dichoropropane     Not detected     5.0     Not detected     5.0       1,2-Dichloropro	Heptachlor			Not detected	10	Not detected	10
Methoxychlor     Not detected     50     Not detected     50       Volatike-8260 list     SW846-8260     ug/Kg	Heptachlor epoxide			Not detected	10	Not detected	10
Toxaphene     Not detected     500     Not detected     500       Volatiles-8260 inter     SW846-8260     ug/Kg	Methoxychlor			Not detected	50	Not detected	50
Volatile-8260 list     SW846-8260     ug/kg           1,1,1-2-Tertachforoethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1,2-Tertachforoethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1,2-Trichforoethane     Not detected     5.0     Not detected     5.0       1,1-Dichforoethylene     Not detected     5.0     Not detected     5.0       1,1-Dichforoethylene     Not detected     5.0     Not detected     5.0       1,2,3-Trichforobenzene     Not detected     5.0     Not detected     5.0       1,2,4-Trinethylbenzene     Not detected     5.0     Not detected     5.0       1,2,4-Trinethylbenzene     Not detected     5.0     Not detected     5.0       1,2-Dichforobenzene     Not detected     5.0     Not detected     5.0       1,2-Dichforobenzene     Not detected     5.0     Not detected     5.0       1,2-Dichforobenzene     Not detected     5.0     Not detected     5.0 <td>Toxaphene</td> <td></td> <td></td> <td>Not detected</td> <td>500</td> <td>Not detected</td> <td>500</td>	Toxaphene			Not detected	500	Not detected	500
1,1,12-Tertachloroethane   Not detected   5.0   Not detected   5.0     1,1,1-Trichloroethane   Not detected   5.0   Not detected   5.0     1,1,2-Trichloroethane   Not detected   5.0   Not detected   5.0     1,1,2-Trichloroethane   Not detected   5.0   Not detected   5.0     1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichloropopane   Not detected   5.0   Not detected   5.0     1,2,3-Trichloropopane   Not detected   5.0   Not detected   5.0     1,2,4-Trindtrylbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trindtrylbenzene   Not detected   5.0   Not detected   5.0     1,2,2-Dibromoethane   Not detected   5.0   Not detected   5.0     1,2-Dibromos-Schloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichoroethylene (Total)   Not detected   5.0   Not detected   5.0     1,2-Dichoroethylene (Total)   Not detected   5.0   Not detected   5.0     1,3-Dichloropenzene   Not detect	Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1-Trichloroethane     Not detected     5.0     Not detected     5.0       1,1,2-Teitschloroethane     Not detected     5.0     Not detected     5.0       1,1,2-Trichloroethane     Not detected     5.0     Not detected     5.0       1,1-Dichloroethane     Not detected     5.0     Not detected     5.0       1,1-Dichloroethylene     Not detected     5.0     Not detected     5.0       1,2,3-Trichlorophylene     Not detected     5.0     Not detected     5.0       1,2,3-Trichlorophylenzene     Not detected     5.0     Not detected     5.0       1,2,4-Trinethylbenzene     Not detected     5.0     Not detected     5.0       1,2,4-Trinethylbenzene     Not detected     5.0     Not detected     5.0       1,2-Dibromo-3-chloropropane     Not detected     5.0     Not detected     5.0       1,2-Dichloroethane     Not detected     5.0     Not detected     5.0       1,2-Dichloroethane     Not detected     5.0     Not detected     5.0       1,2-Dichloroethylene     Not detected     5.0     Not detec	1.1.1.2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tertachloroethane   Not detected   5.0   Not detected   5.0     1,1,2-Trichloroethane   Not detected   5.0   Not detected   5.0     1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,3-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trindtrybenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trindtrybenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloroethylene   10-10   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane	1.1.1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane   Not detected   5.0   Not detected   5.0     1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichloroppropylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichloroppropane   Not detected   5.0   Not detected   5.0     1,2,3-Trichloroppropane   Not detected   5.0   Not detected   5.0     1,2,4-Trinethylbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloroethane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected	1,1,2,2-Tetrachloroethane	·····	-	Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichloropopylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichloropopylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichloropopae   Not detected   5.0   Not detected   5.0     1,2,4-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropopane   Not detected   5.0   Not detected   5.0     1,3-5:Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,3-Dichloropopane   Not detected   5.0   Not detected   5.0     1,3-Dichloropopane   Not detected <t< td=""><td>1,1,2-Trichloroethane</td><td></td><td>1</td><td>Not detected</td><td>5.0</td><td>Not detected</td><td>5.0</td></t<>	1,1,2-Trichloroethane		1	Not detected	5.0	Not detected	5.0
1,1-Dichloroptpylene   Not detected   5.0   Not detected   5.0     1,1-Dichloroptpylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,3-Trinethylbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trinethylbenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromoethane   Not detected   5.0   Not detected   5.0     1,2-Dichorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloroptypene   Not detected   5.0   Not detected   5.0     1,2-Dichloroptypene   Not detected   5.0   Not detected   5.0     1,3-Dichloroptypene   Not detected   5.0   Not detected   5.0     1,3-Dichloroptypene   Not detected   5.0 <td< td=""><td>1.1-Dichloroethane</td><td></td><td></td><td>Not detected</td><td>5.0</td><td>Not detected</td><td>5.0</td></td<>	1.1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2,3-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2,4-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2,4-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloroethane   Not detected   5.0   Not detected   5.0     1,2-Dichloroethylene (Total)   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   Not detected	1.1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,3-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trinethylbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trinethylbenzene   Not detected   5.0   Not detected   5.0     1,2-Dirboron-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dirboron-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dirboron-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloroethane   Not detected   5.0   Not detected   5.0     1,2-Dichloropthylene (Total)   Not detected   5.0   Not detected   5.0     1,3-Dichloropthylene (Total)   Not detected   5.0   Not detected   5.0     1,3-Dichloropthylene (Total)   Not detected   5.0   Not detected   5.0     1,3-Dichloropthylene   Not detected   5.0   Not detected   5.0     1,3-Dichloropthylene   Not detected   5.0   Not detected   5.0     1,2-Dichloropthylene <td>1.1-Dichloropropylene</td> <td></td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	1.1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2,3-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropopane   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichloropenzene   Not detected   5.0   Not detected   5.0     2,2-Dichloropengane   Not detected   5.0	1.2.3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Triichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dibromoestane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,3,5-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,3-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichloropenzene   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0	1.2.3-Trichloropropane	·····		Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trinethylbenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dibromoethane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropethane   Not detected   5.0   Not detected   5.0     1,2-Dichloropethylene (Total)   Not detected   5.0   Not detected   5.0     1,3,5-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropenzene   Not detected   5.0	1 2 3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Diblomoethane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,3-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,3-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,4-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,4-Dichloropenzene   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0	1 2 4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane     Not detected     5.0     Not detected     5.0       1,2-Dibromoethane     Not detected     5.0     Not detected     5.0       1,2-Dichlorobenzene     Not detected     5.0     Not detected     5.0       1,2-Dichloroethane     Not detected     5.0     Not detected     5.0       1,2-Dichloroethylene (Total)     Not detected     5.0     Not detected     5.0       1,3-Dichloropropane     Not detected     5.0     Not detected     5.0       1,3-Dichlorobenzene     Not detected     5.0     Not detected     5.0       1,4-Dichlorobenzene     Not detected     5.0     Not detected     5.0       1,4-Dichorobenzene     Not detected     5.0     Not detected     5.0       2,2-Dichloropropane     Not detected     5.0     Not detected	1 2 4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichlorobylene (Total)   Not detected   5.0   Not detected   5.0     1,2-Dichloropypane   Not detected   5.0   Not detected   5.0     1,3-Dichloroppane   Not detected   5.0   Not detected   5.0     1,4-Dichloroppane   Not detected   5.0   Not detected   5.0     1,2-Dichloroppane   Not detected   5.0   Not detected   5.0     2,2-Dichloroppopane   Not detected   5.0   Not detected   5.0     2,2-Dichloroppopane   Not detected   5.0   Not detected   5.0     2-Chlorotoluene   Not detected   5.0   Not detected   5.0     Benzene   Not detected   5.0   Not detected   5.0 </td <td>1 2-Dibromo-3-chloropropane</td> <td></td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	1 2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloroethane   Not detected   5.0   Not detected   5.0     1,2-Dichloropethylene (Total)   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0	1.2-Dibromoethane		-	Not detected	5.0	Not detected	5.0
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Carbon tetrachlorideNot detected5.0Not detected5.0ChlorobenzeneNot detected5.0Not detected5.0ChloroethaneNot detected5.0Not detected5.0ChloroformNot detected5.0Not detected5.0ChloromethaneNot detected5.0Not detected5.0ChloromethaneNot detected5.0Not detected5.0ChloromethaneNot detected5.0Not detected5.0Cis-1,3-DichloropropyleneNot detected5.0Not detected5.0DibromochloromethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0IsopropylbenzeneNot detected5.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0	Bromomethane			Not detected	5.0	Not detected	5.0
ChlorobenzeneNot detected5.0Not detected5.0ChloroethaneNot detected5.0Not detected5.0ChloroformNot detected5.0Not detected5.0ChloromethaneNot detected5.0Not detected5.0ChloropropyleneNot detected5.0Not detected5.0DibromochloromethaneNot detected5.0Not detected5.0DibromochloromethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0IsopropylbenzeneNot detected5.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0	Carbon tetrachloride			Not detected	5.0	Not detected	5.0
ChloroethaneNot detected5.0Not detected5.0ChloroformNot detected5.0Not detected5.0ChloromethaneNot detected5.0Not detected5.0cis-1,3-DichloropropyleneNot detected5.0Not detected5.0DibromochloromethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0IsopropylbenzeneNot detected5.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0	Chlorobenzene			Not detected	5.0	Not detected	5.0
ChloroformNot detected5.0Not detected5.0ChloromethaneNot detected5.0Not detected5.0cis-1,3-DichloropropyleneNot detected5.0Not detected5.0DibromochloromethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0IsopropylbenzeneNot detected5.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0	Chloroethane			Not detected	5.0	Not detected	5.0
ChloromethaneNot detected5.0Not detected5.0cis-1,3-DichloropropyleneNot detected5.0Not detected5.0DibromochloromethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0IsopropylbenzeneNot detected5.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0	Chloroform		1	Not detected	5.0	Not detected	5.0
cis-1,3-DichloropropyleneNot detected5.0Not detected5.0DibromochloromethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0IsopropylbenzeneNot detected5.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0	Chloromethane	,		Not detected	5.0	Not detected	5.0
DibromochloromethaneNot detected5.0Not detected5.0DibromomethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0IsopropylbenzeneNot detected5.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0	cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
DibromomethaneNot detected5.0Not detected5.0DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0IsopropylbenzeneNot detected5.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0	Dibromochloromethane	1		Not detected	5.0	Not detected	5.0
DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0IsopropylbenzeneNot detected5.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0	Dibromomethane		-	Not detected	5.0	Not detected	5.0
EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0IsopropylbenzeneNot detected5.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0	Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
HexachlorobutadieneNot detected5.0Not detected5.0IsopropylbenzeneNot detected5.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0	Ethylbenzene			Not detected	5.0	Not detected	5.0
IsopropylbenzeneNot detected5.0Not detected5.0Methylene chlorideNot detected5.0Not detected5.0	Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Methylene chloride Not detected 5.0 Not detected 5.0	Isopropylbenzene			Not detected	5.0	Not detected	5.0
	Methylene chloride			Not detected	5.0	Not detected	5.0

Client Sample ID			SB-3B		SB-4A	
York Sample ID			03110576-07		03110576-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Nanhthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
n-Propylbenzene		-	Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
n- & m-Xylenes			Not detected	5.0	Not detected	5.0
n-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene		-	Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans_1_3_Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinul chloride			Not detected	5.0	Not detected	5.0
Palamuslaan Anomatia Hydrog (PN)	SW846-8270	ug/kG				
Polynuclear Aromatic Hydroc.(BIV)	5 W 040-0270	ug/KO	Not detected	330	Not detected	330
Acenaphthene			Not detected	330	Not detected	330
Acenaphinylene			64 I	330	Not detected	330
Anthracene			150 I	330	58 1	330
Benzojajanthracene			130 J	330	Not detected	330
Benzolajpyrene			130 J	220	Not detected	330
Benzolbjfluorantnene			920 J	220	Not detected	330
Benzo[g,n,1]perylene	······		04 J	220	Not detected	330
Benzo[k]fluoranthene			170 1	220	KOL GELECIEU	330
Chrysene			I/UJ	220	Not detected	220
Dibenz[a,h]anthracene			Not detected	220		220
Fluoranthene			370	330	150 J	220
Fluorene			Not detected	330	Not detected	220
Indeno[1,2,3-cd]pyrene			69 J	330	Not detected	330
Naphthalene			Not detected	330	Not detected	330
Phenanthrene			240 J	330	72 J	330
Pyrene		(7.7	350	330	120 J	330
<u>PCB</u>	SW846-3550B/8082	mg/Kg				
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1260			Not detected	0.02	Not detected	0.02
PCB, Total			Not detected	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum		ļ	6400	1.00	20500	1.00
Antimony		ļ	Not detected	1.00	18.4	1.00
Arsenic		ļ	3.62	1.00	Not detected	1.00
Barium			74.8	1.00	660	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	7.56	0.500
Calcium			2330	2.00	21000	2.00
Chromium			16.3	0.500	535	0.500
Cobalt			6.68	1.00	866	1.00

Client Sample ID			SB-3B		SB-4A	
York Sample ID			03110576-07		03110576-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Copper			27.0	1.00	5540	1.00
Iron			17000	1.00	130000	1.00
Lead			82.8	1.00	3850	1.00
Magnesium			2480	2.00	17000	2.00
Manganese			265	1.00	1100	1.00
Nickel			8.62	1.00	560	1.00
Potassium			973	3.00	4180	3.00
Selenium			3.77	1.00	2.06	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			527	5.00	96700	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			23.2	2.00	103	2.00
Zinc			97.3	2.00	19300	2.00
Mercury	SW846-7471	mg/kG	0.87	0.10	0.92	0.10

Client Sample ID			SB-4B		MW-7A	
York Sample ID			03110576-09		03110576-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane		1	Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0

Client Sample ID	······································		SB-4B		MW-7A	
York Sample ID			03110576-09		03110576-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1.2.3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1.2-Dibromoethane			Not detected	5.0	Not detected	5.0
1.2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.2-Dichloroethane			Not detected	5.0	Not detected	5.0
1.2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2-Dichloropropane			Not detected	5.0	Not detected	5.0
1.3.5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.3-Dichloropropane			Not detected	5.0	Not detected	5.0
1.4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2.2-Dichloropropane	·		Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform	· · · · · · · · · · · · · · · · · · ·	•	Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1.3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	7	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xvlene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Stvrene			Not detected	5.0	Not detected	5.0
tert-Butvlbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene	1		Not detected	5.0	Not detected	5.0
trans-1.3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0

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Client Sample ID			SB-4B		MW-7A	
York Sample ID			03110576-09		03110576-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			1200	660	Not detected	330
Acenaphthylene			580 J	660	Not detected	330
Anthracene			2400	660	80 J	330
Benzofalanthracene			6400	660	170 J	330
Benzolalpyrene			4300	660	130 J	330
Benzolblfluoranthene	····		5300	660	85 J	330
Benzo[g,h,i]pervlene			720	660	Not detected	330
Benzo[k]fluoranthene			2500	660	130 J	330
Chrysene			6200	660	200 J	330
Dibenz[a.h]anthracene			620 J	660	Not detected	330
Fluoranthene			9400	660	270 J	330
Fluorene			2300	660	100 J	330
Indeno[1,2,3-cd]pyrene			1100	660	Not detected	330
Naphthalene			300 J	660	Not detected	330
Phenanthrene			7200	660	390	330
Pvrene			8100	660	320 J	330
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232		1	Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254	· · · · · · · · · · · · · · · · · · ·		Not detected	0.02	Not detected	0.02
PCB 1260			Not detected	0.02	Not detected	0.02
PCB, Total			Not detected	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		5130	1.00	23000	1.00
Antimony			8.21	1.00	15.4	1.00
Arsenic		1	38.7	1.00	Not detected	1.00
Barium			209	1.00	683	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			1.03	0.500	4.45	0.500
Calcium			177	2.00	14000	2.00
Chromium			17.9	0.500	236	0.500
Cobalt			6.97	1.00	1390	1.00
Copper			144	1.00	4070	1.00
Iron			22100	1.00	117000	1.00
Lead			390	1.00	1800	1.00
Magnesium			3100	2.00	9250	2.00
Manganese			544	1.00	826	1.00
Nickel			12.0	1.00	33.2	1.00
Potassium			687	3.00	4100	3.00
Selenium			4.98	1.00	7.90	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			1360	5.00	105000	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			23.3	2.00	101	2.00
Zinc			489	2.00	20400	2.00
Mercury	SW846-7471	mg/kG	1.03	0.10	0.43	0.10

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Client Sample ID			MW-7B		SB-5A	
York Sample ID			03110576-11		03110576-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE	T		Not detected	10	Not detected	10
4,4'-DDT		L	Not detected	10	Not detected	10
Aldrin	1		Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane		1	Not detected	50	Not detected	50
delta-BHC		1	Not detected	10	Not detected	10
Dieldrin		<u> </u>	Not detected	10	Not detected	10
Endosulfan I	1	1	Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate		1	Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehvde		1	Not detected	10	Not detected	10
gamma-BHC (Lindane)		1	Not detected	10	Not detected	10
Heptachlor		1	Not detected	10	Not detected	10
Heptachlor epoxide	1	1	Not detected	10	Not detected	10
Methoxychlor	<u></u>	<u>+</u>	Not detected	50	Not detected	50
Toxanhene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1 1 1.2-Tetrachloroethane			Not detected	10	Not detected	5.0
1 1 1-Trichloroethane		1	Not detected	10	Not detected	5.0
1 1 2 2-Tetrachloroethane			Not detected	10	Not detected	5.0
1 1.2-Trichloroethane		1	Not detected	10	Not detected	5.0
1 1-Dichloroethane		+	Not detected	10	Not detected	5.0
1 1-Dichloroethylene			Not detected	10	Not detected	5.0
1 1-Dichloropropylene		1	Not detected	10	Not detected	5.0
1.2.3-Trichlorobenzene			Not detected	10	Not detected	5.0
1.2.3-Trichloropropage			Not detected	10	Not detected	5.0
1.2.3-Trimethylbenzene			Not detected	10	Not detected	5.0
1.2.4-Trichlorobenzene	· <del> </del> · · · · · ·		Not detected	10	Not detected	5.0
1.2.4-Trimethylbenzene			24	10	Not detected	5.0
1.2-Dibromo-3-chloropropane		1	Not detected	10	Not detected	5.0
1.2-Dibromoethane	-	1	Not detected	10	Not detected	5.0
1.2-Dichlorobenzene		+	Not detected	10	Not detected	5.0
1 2-Dichloroethane			Not detected	10	Not detected	5.0
1.2 Dichloroethylene (Total)			Not detected	10	Not detected	5.0
1.2-Dichloropropage			Not detected	10	Not detected	5.0
1 3 5-Trimethylhenzene		+	Not detected	10	Not detected	5.0
1.3-Dichlorohenzene			Not detected	10	Not detected	5.0
1.3-Dichloronronane			Not detected	10	Not detected	5.0
1.4-Dichlorobenzene		<u> </u>	Not detected	10	Not detected	5.0
1,4-Divinior Oberizene		+	Not detected	10	Not detected	5.0
2.2-Dichloronronane			Not detected	10	Not detected	5.0
2,2-Diemoropropane			Not detected	10	Not detected	5.0
	+	+	Not detected	10	Not detected	50
Panzona		-	Not detected	10	Not detected	5.0
Bromehenzene		1	Not detected	10	Not detected	5.0
Dromochloremethers		+	Not detected	10	Not detected	5.0
Diomocmoromethane		1	INUL delected	1 10	I not detected	0.0

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Client Sample ID			MW-7B		SB-5A	
Vork Sample ID			03110576-11		03110576-12	
Matrix	······································		SOIL	· · · · ·	SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromodichloromethane			Not detected	10	Not detected	5.0
Bromoform			Not detected	10	Not detected	5.0
Bromomethane			Not detected	10	Not detected	5.0
Carbon tetrachloride			Not detected	10	Not detected	5.0
Chlorobenzene			Not detected	10	Not detected	5.0
Chloroethane			Not detected	10	Not detected	5.0
Chloroform			Not detected	10	Not detected	5.0
Chloromethane			Not detected	10	Not detected	5.0
cis-1 3-Dichloropropylene			Not detected	10	Not detected	5.0
Dibromochloromethane			Not detected	10	Not detected	5.0
Dibromomethane	· · · · · · · · · · · · · · · · · · ·		Not detected	10	Not detected	5.0
Disblorodifluoromethane			Not detected	10	Not detected	5.0
Ethylhongono			Not detected	10	Not detected	5.0
Liveshlarshutedions			Not detected	10	Not detected	5.0
Hexachlorobutadiene			Not detected	10	Not detected	5.0
Isopropyibenzene			ov Not dotected	10	Not detected	5.0
Methylene chloride			Not detected	10	Not detected	5.0
Naphthalene			140	10	Not detected	5.0
n-Butylbenzene			140	10	Not detected	5.0
n-Propylbenzene			110	10	Not detected	5.0
o-Xylene			Not detected	10	Not detected	5.0
p- & m-Xylenes			Not detected	10	Not detected	5.0
p-lsopropyltoluene			Not detected	10	Not detected	5.0
sec-Butylbenzene			180	10	Not detected	5.0
Styrene			Not detected	10	Not detected	5.0
tert-Butylbenzene			13	10	Not detected	5.0
Tetrachloroethylene			Not detected	10	Not detected	5.0
Toluene			Not detected	10	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	10	Not detected	5.0
Trichloroethylene			Not detected	10	Not detected	5.0
Trichlorofluoromethane			Not detected	10	Not detected	5.0
Vinyl chloride			Not detected	10	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			1000 J	1700	19000	8300
Acenaphthylene			Not detected	1700	Not detected	8300
Anthracene			620 J	1700	30000	8300
Benzo[a]anthracene			620 J	1700	93000	8300
Benzo[a]pyrene			Not detected	1700	65000	8300
Benzo[b]fluoranthene			Not detected	1700	86000	8300
Benzo[g,h,i]perylene			Not detected	1700	16000	8300
Benzo[k]fluoranthene			Not detected	1700	47000	8300
Chrysene			980 J	1700	67000	8300
Dibenz[a,h]anthracene			Not detected	1700	9900	8300
Fluoranthene			930 J	1700	110000	8300
Fluorene			Not detected	1700	21000	8300
Indeno[1,2,3-cd]pyrene			Not detected	1700	20000	8300
Naphthalene			430 J	1700	13000	8300
Phenanthrene			3100	1700	96000	8300
Pyrene			1200 J	1700	98000	8300
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016			Not detected	0.20	Not detected	0.20
PCB 1221			Not detected	0.20	Not detected	0.20

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Client Sample ID			MW-7B		SB-5A	
York Sample ID			03110576-11		03110576-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1232			Not detected	0.20	Not detected	0.20
PCB 1242			Not detected	0.20	Not detected	0.20
PCB 1248			Not detected	0.20	Not detected	0.20
PCB 1254			Not detected	0.20	Not detected	0.20
PCB 1260			Not detected	0.20	0.58	0.20
PCB, Total			Not detected	0.20	0.58	0.20
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			18400	1.00	13900	1.00
Antimony			9.12	1.00	17.9	1.00
Arsenic			Not detected	1.00	7.90	1.00
Barium			563	1.00	705	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			3.02	0.500	7.32	0.500
Calcium			15400	2.00	21100	2.00
Chromium			267	0.500	247	0.500
Cobalt			1520	1.00	532	1.00
Copper			3540	1.00	2910	1.00
Iron			105000	1.00	86100	1.00
Lead			1830	1.00	3010	1.00
Magnesium			8040	2.00	10800	2.00
Manganese			648	1.00	665	1.00
Nickel			46.6	1.00	120	1.00
Potassium			3220	3.00	2250	3.00
Selenium			4.44	1.00	13.6	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			79800	5.00	41900	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			73.8	2.00	73.5	2.00
Zinc			18400	2.00	13100	2.00
Mercury	SW846-7471	mg/kG	0.55	0.10	0.85	0.10

Client Sample ID			SB-5B		SB-6A	
York Sample ID			03110576-13		03110576-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	76.9	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10

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Client Sample ID			SB-5B		SB-6A	
York Sample ID			03110576-13		03110576-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1.1.1.2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1.1.1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1.1.2-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethylene	······································		Not detected	5.0	Not detected	5.0
1.1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1.2.3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.3-Trichloropropane			Not detected	5.0	Not detected	5.0
1.2.3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1 2 4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1 2-Dibromo-3-chloropropage			Not detected	5.0	Not detected	5.0
1.2-Dibromoethane			Not detected	5.0	Not detected	5.0
1.2-Dichlorohenzene			Not detected	5.0	Not detected	5.0
1.2-Dichloroethane			Not detected	5.0	Not detected	5.0
1.2 Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2-Dichloropropage			Not detected	5.0	Not detected	5.0
1 3 5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1 3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1 3-Dichloropropage			Not detected	5.0	Not detected	5.0
1 4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorobexane			Not detected	5.0	Not detected	5.0
2 2-Dichloropropane			Not detected	5.0	Not detected	5.0
2.2 Diemotopropune			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1 3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbanzene			Not detected	5.0	Not detected	5.0
Heyachlorobutadiene	1		Not detected	5.0	Not detected	5.0
Isopropulbenzene			Not detected	5.0	Not detected	5.0
isopiopyidenzene			not detected	1	The delected	1 2.0

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Client Sample ID		-	SB-5B		SB-6A	
York Sample ID			03110576-13		03110576-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	35	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xvlene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
n- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1 3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene	······································		Not detected	5.0	Not detected	5.0
Trichlorofluoromethene			Not detected	5.0	Not detected	5.0
Vinul chlorido			Not detected	5.0	Not detected	5.0
Polymuoloon Aromatic Hydron (PN)	SW046 0270	ug/kC	Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	5 W 040-0270	ug/kG	 Nat data ata d	220	2600	1700
Acenaphthene			Not detected	330	2000	1700
Acenaphtnylene	<u> </u>		Not detected	330	Not detected	1700
Anthracene			150 J	330	4700	1700
Benzo[a]anthracene			290 J	330	9400	1700
Benzolajpyrene			230 J	330	7200	1700
Benzo[b]fluoranthene			200 J	330	/500	1700
Benzo[g,n,i]perylene			95 J	330	1500 3	1700
Benzo[k]fluoranthene			250 J	330	5100	1700
Chrysene			330	330	9100	1700
Dibenz[a,h]anthracene			Not detected	330	1100 J	1700
Fluoranthene			640	330	15000	1700
Fluorene			65 J	330	2800	1700
Indeno[1,2,3-cd]pyrene			98 J	330	2100	1700
Naphthalene			Not detected	330	520 J	1700
Phenanthrene			530	330	14000	1700
Pyrene			600	330	13000	1700
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016			Not detected	0.20	Not detected	0.02
PCB 1221			Not detected	0.20	Not detected	0.02
PCB 1232			Not detected	0.20	Not detected	0.02
PCB 1242			Not detected	0.20	Not detected	0.02
PCB 1248			Not detected	0.20	Not detected	0.02
PCB 1254			Not detected	0.20	Not detected	0.02
PCB 1260			Not detected	0.20	Not detected	0.02
PCB, Total			Not detected	0.20	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			5580	1.00	6980	1.00
Antimony			Not detected	1.00	1.97	1.00
Arsenic			41.3	1.00	6.78	1.00
Barium			430	1.00	210	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			0.55	0.500	2.97	0.500
Calcium	<b></b>	·	11300	2.00	6860	2.00
Chromium		1	23.4	0.500	89.4	0.500

Client Sample ID			SB-5B		SB-6A	
York Sample ID			03110576-13		03110576-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Cobalt			9.83	1.00	126	1.00
Copper			155	1.00	771	1.00
Iron			49300	1.00	384	1.00
Lead			1120	1.00	884	1.00
Magnesium			2530	2.00	3100	2.00
Manganese			488	1.00	372	1.00
Nickel			4.00	1.00	58.1	1.00
Potassium			2280	3.00	1040	3.00
Selenium			8.63	1.00	7.78	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			1550	5.00	10800	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			13.9	2.00	24.2	2.00
Zinc			629	2.00	4680	2.00
Mercury	SW846-7471	mg/kG	0.63	0.10	1.25	0.10

Client Sample ID			SB-6B		SB-7A	
York Sample ID			03110576-15		03110576-16	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	241	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0

Client Sample ID			SB-6B		SB-7A	
York Sample ID			03110576-15	-	03110576-16	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1.2.3-Trichloropropane			Not detected	5.0	Not detected	5.0
1.2.3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1 2 4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1 2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1.2-Dibromoethane	·		Not detected	5.0	Not detected	5.0
1.2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.2-Dichloroethane	······		Not detected	5.0	Not detected	5.0
1 2-Dichloroethylene (Total)	<u> </u>		Not detected	5.0	Not detected	5.0
1.2-Dichloropropane	- · · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1 3 5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1 3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1 3-Dichloropropane			Not detected	5.0	Not detected	5.0
1 4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4 Diemorobenzene			Not detected	5.0	Not detected	5.0
2 2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromohenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene		-	Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1 3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene	- *·*		Not detected	5.0	Not detected	5.0
o-Yylene			Not detected	5.0	Not detected	5.0
n_ & m_Xylenes			Not detected	5.0	Not detected	5.0
n-Jeonronyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene	+		Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Rutylhenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans_1 2 Dichloronronylane			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Tremoronuoromethane	1	1	1 Hot dotootod	1 2.0	1.01 4000104	1 2.0



Vork Sample ID     0311057-15     08101     Formation       Parameter     Method     Units     Results     MDL     Results     MDL       Vinyi chloride     Not detected     5.0     Not detected     5.0     Not detected     5.0       Polynuclear Aromatic Hydroc.(BN)     SW846-8270     ug/kd            Accanghthone     Not detected     330     Not detected     1700       Accanghthone     Not detected     330     18001     1700       Benzolghymene     Not detected     330     18001     1700       Benzolgh/luoranthene     Not detected     330     18001     1700       Benzolgh/luoranthene     Not detected     330     18001     1700       Chrysene     Not detected     330     13001     1700       Diberodyhlpotenthene     Not detected     330     13001     1700       Resongh,lightoranthene     Not detected     330     1300     1700       Pibrorene     Not detected     33	Client Sample ID			SB-6B		SB-7A	
Matrix     SOIL     Exelusts     MDI.     Results     MDI.       Vinyl chloride     Noi detected     5.0     Noi detected     5.0       Polynneclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG         Acenaphthene     Noi detected     330     Noi detected     1700       Acenaphthene     Noi detected     330     Noi detected     1700       Acenaphthene     Noi detected     330     1500 J     1700       Benzo[a]aptrene     Noi detected     330     1500 J     1700       Benzo[b]filtoramhene     Noi detected     330     1500 J     1700       Benzo[k]filtoramhene     Noi detected     330     1500 J     1700       Dibenz[a,h]athracene     Noi detected     330     1500 J     1700       Dibenz[a,h]athracene     Noi detected     330     1500 J     1700       Pitoramhene     Noi detected     330     860 J     1700       Nindetected     330     Noi detected     330     Noi detected     1700       Pitoranthene	York Sample ID			03110576-15		03110576-16	
Parameter     Method     Units     Results     MDL     Results     MDL       Wighted     Not detected     5.0     Not detected     5.0       Polynuclear Aromatic Hydroc.(BN)     SW846-8270     ug/k0           Acenaphthene     Not detected     330     Not detected     1700       Acenaphthylene     Not detected     330     Not detected     1700       Benzolghymen     Not detected     330     1800     1700       Benzolgh/lhoranthene     Not detected     330     1800     1700       Benzolgh/lhoranthene     Not detected     330     1800     1700       Dibenz(gh.hjlenylene     Not detected     330     1800     1700       Dibenz(gh.hjenylene     Not detected     330     1700     1700       Dibenz(gh.hjenylene     Not detected     330     1700     1700       Ribuse     Not detected     330     1700     1700       Not detected     330     Not detected     330     Not detected     1700	Matrix			SOIL		SOIL	
Vinyt choride     Not detected     5.0     Not detected     5.0       Polynuclear Aromatic Hydroc.(BN)     SW846-8270     ug/kG	Parameter	Method	Units	Results	MDL	Results	MDL
Polynuclear Aromatic Hydroc(BN)     SW846-3270     ug/k0           Acenaphthylen     Not detected     330     Not detected     1700       Acenaphthylen     Not detected     330     Not detected     1700       Anthracene     Not detected     330     Not detected     330     1700       Benzolghyrene     Not detected     330     1400 J     1700       Benzolghyrene     Not detected     330     1800 J     1700       Benzolghyrene     Not detected     330     1800 J     1700       Benzolghynene     Not detected     330     1800 J     1700       Dibenz(g,h)leprelne     Not detected     330     360 J     1700       Fluorene     Not detected     330     3700 J     1700       Pionanthene     Not detected     330     Not detected     330     Not detected     330     Not detected     330     Not detected     300     1700       Pionanthene     Not detected     300     Rot detected     0.02     Not	Vinyl chloride			Not detected	5.0	Not detected	5.0
Acenaphtheme     Not detected     330     Not detected     1700       Anthracene     Not detected     330     Not detected     1700       Benzo[a]mthracene     Not detected     330     1500     1700       Benzo[b]fhoranthene     Not detected     330     1500     1700       Benzo[b]fhoranthene     Not detected     330     1500     1700       Benzo[k,fluperylene     Not detected     330     1500     1700       Benzo[k,fluperylene     Not detected     330     360.1     1700       Chrysene     Not detected     330     360.1     1700       Dibenz[a,h]amthracene     Not detected     330     360.1     1700       Fluoranthene     Not detected     330     360.1     1700       Recall     Not detected     330     300     1700       Netaretene     Not detected     330     3300     1700       Picene     Not detected     330     3300     1700       Pyrene     Not detected     0.02     Not detected     0.02	Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphtylene     Not detected     330     Not detected     330     1700       Anthracene     Not detected     330     1800     1700       Benzo[a]mthracene     Not detected     330     1800     1700       Benzo[a]prene     Not detected     330     1800     1700       Benzo[a]prene     Not detected     330     1800     1700       Benzo[a]prene     Not detected     330     1800     1700       Benzo[a]mthracene     Not detected     330     2100     1700       Diben4[a,hjantracene     Not detected     330     360.3     1700       Fluoranthene     Not detected     330     360.3     1700       Naphthalene     Not detected     330     Not detected     330     1700       Pyrene     Not detected     330     1700     Not detected     330     1700       Pyrene     Not detected     330     1700     Not detected     330     1700       Pyrene     Not detected     330     1700     Not detected <td< td=""><td>Acenaphthene</td><td></td><td></td><td>Not detected</td><td>330</td><td>Not detected</td><td>1 700</td></td<>	Acenaphthene			Not detected	330	Not detected	1 700
Anthracene     Not detected     330     330.1     1700       Benzo[a]anthracene     Not detected     330     1800     1700       Benzo[a]aptrone     Not detected     330     1500.1     1700       Benzo[b]flooranthene     Not detected     330     1600.1     1700       Benzo[k,flueryathene     Not detected     330     1800     1700       Dibenz[k,flueryathene     Not detected     330     2100     1700       Dibenz[k,flueryathene     Not detected     330     360.0     1700       Dibenz[k,flueryathene     Not detected     330     3700     1700       Fluoranthene     Not detected     330     3700     1700       Natereted     330     Not detected     330     3700     1700       Not detected     330     Not detected     330     330.0     1700       Net detected     330     Not detected     330     1700     1700       Prene     Not detected     330     Not detected     330     1700       Prene	Acenaphthylene			Not detected	330	Not detected	1 700
Benzo[a]antracene     Not detected     330     1800     1700       Benzo[b]fuoranthene     Not detected     330     1600 J     1700       Benzo[b,fluoranthene     Not detected     330     1600 J     1700       Benzo[b,fluoranthene     Not detected     330     1600 J     1700       Dibera[b,harthracene     Not detected     330     2100 J     1700       Chrysene     Not detected     330     360 J     1700       Fluoranthene     Not detected     330     3700 J     1700       Fluoranthene     Not detected     330     3700 J     1700       Naphthalene     Not detected     330     Not detected     330     1700 J       Prene     Not detected     330     Not detected     330     1700       Prene     Not detected     330     Not detected     0.02     Not detected     0.02       PCB 121     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 124     Not detected     0.02     Not detected	Anthracene			Not detected	330	530 J	1 700
Benzo[a]pyrene     Not detected     330     1500 J     1700       Benzo[k],i]perylene     Not detected     330     1400 J     1700       Benzo[k],iiperylene     Not detected     330     1800     1700       Benzo[k]hurparthene     Not detected     330     2100     1700       Dibenz[A]hanthracene     Not detected     330     360 J     1700       Fluoranthene     Not detected     330     360 J     1700       Fluoranthene     Not detected     330     360 J     1700       Not detected     330     680 J     1700       Nateria     Not detected     330     680 J     1700       Nateria     Not detected     330     330     1700       Nateria     Not detected     330     330     1700       Pyrene     Not detected     0.02     Not detected     0.02       PCB 1016     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02       P	Benzo[a]anthracene			Not detected	330	1800	1 700
Benzo[b]flooranthene     Not detected     330     1400 J     1700       Benzo[k]fluoranthene     Not detected     330     500 J     1700       Chrysene     Not detected     330     1800     1700       Dibenz[k]fluoranthene     Not detected     330     360 J     1700       Dibenz[k]marcane     Not detected     330     3700     1700       Fluoranthene     Not detected     330     3700     1700       Not detected     330     Not detected     330     Not detected     1700       Naphthalene     Not detected     330     Not detected     330     1700       Prene     Not detected     330     Not detected     330     1700       Prene     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1016     W846-3550B/8082     mg/Kg <t< td=""><td>Benzo[a]pyrene</td><td></td><td></td><td>Not detected</td><td>330</td><td>1500 J</td><td>1 700</td></t<>	Benzo[a]pyrene			Not detected	330	1500 J	1 700
Benzo[k]i]perytene     Not detected     330     500 J     1700       Benzo[k]fluoranthene     Not detected     330     1800     1700       Dibenz[a,h]anthracene     Not detected     330     360 J     1700       Dibenz[a,h]anthracene     Not detected     330     360 J     1700       Fluoranthene     Not detected     330     860 J     1700       Indeno[1,2,3-cd]pyrene     Not detected     330     Not detected     1700       Plenanthrene     Not detected     330     Not detected     1700       Preme     Not detected     330     1700     1700       PCB     SW846-3550B/8082     mg/Kg          PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     <	Benzo[b]fluoranthene			Not detected	330	1400 J	1 700
Benzo[k]fluoranthene     Not detected     330     1800     1700       Chrysene     Not detected     330     2100     1700       Dibenz[a,h]anthracene     Not detected     330     3700     1700       Fluorantene     Not detected     330     3700     1700       Indeno[1,2,3-cd]pyrene     Not detected     330     Not detected     130     Not detected     1700       Naphthalene     Not detected     330     Not detected     130     Not detected     1700       Phenanthrene     Not detected     330     3300     1700       Pyrene     Not detected     0.02     Not detected     0.02       PCB 1016     Mot detected     0.02     Not detected     0.02       PCB 1212     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02  <	Benzo[g,h,i]perylene			Not detected	330	500 J	1 700
Chrysne     Not detected     330     2100     1700       Dibenz[a,h]anthracene     Not detected     330     360 J     1700       Fluoranthene     Not detected     330     0.00     1700       Fluorene     Not detected     330     Not detected     1700       Naphthalene     Not detected     330     Not detected     1700       Phenanthrene     Not detected     330     Not detected     1700       Prene     Not detected     330     Not detected     1700       Prene     Not detected     330     2400     1700       Prene     Not detected     302     3300     1700       PCB     SW846-3550B/8082     mg/Kg          PCB 121     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02     0.32     0.0	Benzo[k]fluoranthene			Not detected	330	1800	1700
Dibenz[a,h]anthracene     Not detected     330     360.J     1.700       Fluoranthene     Not detected     330     3700     1700       Indenc[1,2,3-cd]pyrene     Not detected     330     Not detected     1700       Name     Not detected     330     Not detected     1700       Name     Not detected     330     Not detected     1700       Name     Not detected     330     Not detected     1700       Phenanthrene     Not detected     330     3300     1700       PCB     SW846-3550B/8082     mg/Kg </td <td>Chrysene</td> <td></td> <td></td> <td>Not detected</td> <td>330</td> <td>2100</td> <td>1 700</td>	Chrysene			Not detected	330	2100	1 700
Fluoranthene     Not detected     330     3700     1700       Fluorene     Not detected     330     Not detected     1700       Naphthalene     Not detected     330     Not detected     1700       Naphthalene     Not detected     330     Not detected     1700       Phenanthrene     Not detected     330     2400     1700       Pyrene     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB     1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02     0.52     0.02       PCB 1260     Not detected     0.02     0.54     0.02     0.54     0.02       PCB 7otal     Mot detected     0.02     0.54	Dibenz[a,h]anthracene			Not detected	330	360 J	1 700
Fluorene     Not detected     330     Not detected     1700       Indeno[1,2,3-cd]pyrene     Not detected     330     680 J     1700       Phenanthrene     Not detected     330     2400     1700       Phenanthrene     Not detected     330     2400     1700       Pyrene     Not detected     330     3300     1700       PCB     SW846-3550B/8082     mg/Kg           PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1221     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     0.24     0.02       PCB 1248     Not detected     0.02     0.32     0.02     0.02       PCB 1260     Not detected     0.02     0.36     0.02       PCB 1261     Not detected     0.02     0.36     0.02       PCB 1260     mg/Kg </td <td>Fluoranthene</td> <td></td> <td></td> <td>Not detected</td> <td>330</td> <td>3700</td> <td>1 700</td>	Fluoranthene			Not detected	330	3700	1 700
Indeno[1,2,3-cd]pyrene     Not detected     330     680.1     1700       Naphthalene     Not detected     330     Not detected     1700       Pyrene     Not detected     330     2400     1700       Pyrene     Not detected     330     3300     1700       PCB     SW846-3550B/8082     mg/Kg          PCB     1221     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB     1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB     1242     Not detected     0.02     Not detected     0.02     0.54     0.02       PCB     1242     Not detected     0.02     0.54     0.02     0.54     0.02       PCB     1260     Not detected     0.02     0.54     0.02     0.54     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg          <	Fluorene			Not detected	330	Not detected	1 700
Naphthalene     Not detected     330     Not detected     1700       Phenanthrene     Not detected     330     2400     1700       Pyrene     Not detected     330     3300     1700       PCB     SW846-3550B/8082     mg/Kg          PCB     1016     Not detected     0.02     Not detected     0.02       PCB 1221     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     0.86     0.02       PCB 1248     Not detected     0.02     0.86     0.02       PCB 1240     Not detected     0.02     0.86     0.02       PCB 1240     SW846-6010     mg/kg          Aluminum     223.0     1.00     14.8 <td>Indeno[1,2,3-cd]pyrene</td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td>Not detected</td> <td>330</td> <td>680 J</td> <td>1700</td>	Indeno[1,2,3-cd]pyrene	· · · · · · · · · · · · · · · · · · ·		Not detected	330	680 J	1700
Phenanthrene     Not detected     330     2400     1700       Pyrene     Not detected     330     3300     1700       PCB     SW846-3550B/8082     mg/Kg          PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1221     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1260     Not detected     0.02     0.34     0.02       PCB 1260     Not detected     0.02     0.32     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg          Aluminum     23.5     1.00     10.2     1.00       Astenic     2.89     1.00     10.2     1.00       Barium     6444     1	Naphthalene		*	Not detected	330	Not detected	1 700
Pyrene     Not detected     330     3300     1700       PCB     SW846-3550B/8082     mg/Kg	Phenanthrene			Not detected	330	2400	1700
PCB     SW846-3550B/8082     mg/Kg           PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02     0.54     0.02       PCB 1254     Not detected     0.02     0.54     0.02       PCB, Total     Not detected     0.02     0.86     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg          Aluminum     22300     1.00     9270     1.00       Antimony     23.5     1.00     14.8     1.00       Barium     644     1.00     267     1.00       Cadmium     5.92     0.500     3.39     0.500       Cadmium     17900     2	Pyrene			Not detected	330	3300	1 700
PCB 1016     Not detected     0.02     Not detected     0.02       PCB 1221     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02       PCB 1260     Not detected     0.02     0.54     0.02       PCB 1260     Not detected     0.02     0.54     0.02       PCB 1260     Not detected     0.02     0.32     0.02       PCB 1260     Not detected     0.02     0.86     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg         Aluminum     22300     1.00     9270     1.00       Antimony     23.5     1.00     10.2     1.00       Beryllium     Katested     0.500     S.500     1.00       Cadarium     17900     2.00     10700     2.00       Chromium </td <td>РСВ</td> <td>SW846-3550B/8082</td> <td>mg/Kg</td> <td></td> <td></td> <td></td> <td></td>	РСВ	SW846-3550B/8082	mg/Kg				
PCB 1221     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02       PCB 1254     Not detected     0.02     0.54     0.02       PCB 1260     Not detected     0.02     0.54     0.02       PCB, Total     Not detected     0.02     0.86     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg          Aluminum     223.0     1.00     92.70     1.00       Arsenic     2.89     1.00     10.2     1.00       Barium     644     1.00     267     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     5.92     0.500     3.39     0.500       Cadium     17900     2.00     10700     2.00       Coba	PCB 1016		<u> </u>	Not detected	0.02	Not detected	0.02
PCB 1232     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02       PCB 1254     Not detected     0.02     0.54     0.02       PCB 1260     Not detected     0.02     0.32     0.02       PCB Total     Not detected     0.02     0.32     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg         Aluminum     23.5     1.00     14.8     1.00       Arsenic     2.89     1.00     10.2     1.00       Barium     644     1.00     267     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Calcium     17900     2.00     10700     2.00       Chromium     345     0.500     1.00     101     1.00       Copper     5390     1.00     909     1.00     1.00       Ma	PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02       PCB 1254     Not detected     0.02     0.54     0.02       PCB 1256     Not detected     0.02     0.32     0.02       PCB Total     Not detected     0.02     0.32     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg         Aluminum     22300     1.00     9270     1.00       Antimony     2.3.5     1.00     14.8     1.00       Arsenic     2.89     1.00     10.2     1.00       Barium     644     1.00     267     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     5.92     0.500     3.39     0.500       Cabalt     830     1.00     101     1.00       Copper     5390     1.00     909     1.00       Iron     123000     1.00     <	PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1248     Not detected     0.02     Not detected     0.02       PCB 1254     Not detected     0.02     0.54     0.02       PCB 1260     Not detected     0.02     0.54     0.02       PCB Total     Not detected     0.02     0.32     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg          Aluminum     22300     1.00     9270     1.00       Antimony     23.5     1.00     10.2     1.00       Barium     644     1.00     267     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Calcium     17900     2.00     10700     2.00       Chormium     345     0.500     109     0.500       Cobalt     830     1.00     42200     1.00       Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00       Magnesium     1.66     1.00	PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1254     Not detected     0.02     0.54     0.02       PCB 1260     Not detected     0.02     0.32     0.02       PCB, Total     Not detected     0.02     0.36     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg <td>PCB 1248</td> <td></td> <td></td> <td>Not detected</td> <td>0.02</td> <td>Not detected</td> <td>0.02</td>	PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1260     Not detected     0.02     0.32     0.02       PCB, Total     Not detected     0.02     0.86     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg	PCB 1254			Not detected	0.02	0.54	0.02
PCB, Total     Not detected     0.02     0.86     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg          Aluminum     22300     1.00     9270     1.00       Antimony     23.5     1.00     14.8     1.00       Arsenic     2.89     1.00     10.2     1.00       Barium     644     1.00     267     1.00       Cadmium     5.92     0.500     3.39     0.500       Cadmium     17900     2.00     10700     2.00       Chromium     345     0.500     101     1.00       Copper     5390     1.00     909     1.00       Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00	PCB 1260			Not detected	0.02	0.32	0.02
Metals, Target Analyte List(TAL)     SW846-6010     mg/kg           Aluminum     22300     1.00     9270     1.00       Antimony     23.5     1.00     14.8     1.00       Arsenic     2.89     1.00     10.2     1.00       Barium     644     1.00     267     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     5.92     0.500     3.39     0.500       Calcium     17900     2.00     10700     2.00       Chromium     345     0.500     109     0.500       Cobalt     830     1.00     101     1.00       Iron     123000     1.00     4220     1.00       Magnesium     11000     2.00     3350     2.00       Magnesium     11000     2.00     3350     2.00       Magnesium     11000     2.00     3350     2.00       Magnesium     1.66     1.00     8.	PCB, Total			Not detected	0.02	0.86	0.02
Aluminum     22300     1.00     9270     1.00       Antimony     23.5     1.00     14.8     1.00       Arsenic     2.89     1.00     10.2     1.00       Barium     644     1.00     267     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     5.92     0.500     3.39     0.500       Calcium     17900     2.00     10700     2.00       Chromium     345     0.500     109     0.500       Cobalt     830     1.00     101     1.00       Copper     5390     1.00     909     1.00       Iron     123000     1.00     42200     1.00       Magnesium     11000     2.00     3350     2.00       Magnesium     11000     2.00     3350     2.00       Magnesium     11000     2.00     3350     2.00       Magnesium     1.66     1.00     841     1.00       Nickel	Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Antimony     23.5     1.00     14.8     1.00       Arsenic     2.89     1.00     10.2     1.00       Barium     644     1.00     267     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     5.92     0.500     3.39     0.500       Calcium     17900     2.00     10700     2.00       Chromium     345     0.500     109     0.500       Cobalt     830     1.00     101     1.00       Copper     5390     1.00     909     1.00       Iron     123000     1.00     42200     1.00       Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00       Magnese     785     1.00     288     1.00       Nickel     46.4     1.00     45.7     1.00       Selenium     1.66     1.00     8.41     1.00       Silver     Not	Aluminum			22300	1.00	9270	1.00
Arsenic     2.89     1.00     10.2     1.00       Barium     644     1.00     267     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     5.92     0.500     3.39     0.500       Calcium     17900     2.00     10700     2.00       Chromium     345     0.500     109     0.500       Cobalt     830     1.00     101     1.00       Copper     5390     1.00     909     1.00       Iron     123000     1.00     42200     1.00       Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00       Magnesium     11000     2.00     3350     2.00       Magnesium     1.00     46.4     1.00     45.7     1.00       Potassium     3470     3.00     982     3.00       Selenium     1.66     1.00     8.41     1.00 <t< td=""><td>Antimony</td><td></td><td></td><td>23.5</td><td>1.00</td><td>14.8</td><td>1.00</td></t<>	Antimony			23.5	1.00	14.8	1.00
Barium     644     1.00     267     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     5.92     0.500     3.39     0.500       Calcium     17900     2.00     10700     2.00       Chromium     345     0.500     109     0.500       Cobalt     830     1.00     101     1.00       Copper     5390     1.00     909     1.00       Iron     123000     1.00     42200     1.00       Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00       Nickel     46.4     1.00     45.7     1.00       Potassium     3470     3.00     982     3.00       Selenium     1.66     1.00     8.41     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanatiu	Arsenic			2.89	1.00	10.2	1.00
Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     5.92     0.500     3.39     0.500       Calcium     17900     2.00     10700     2.00       Chromium     345     0.500     109     0.500       Cobalt     830     1.00     101     1.00       Copper     5390     1.00     909     1.00       Iron     123000     1.00     42200     1.00       Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00       Magnesium     1.00     46.4     1.00     45.7     1.00       Potassium     1.66     1.00     8.41     1.00     1.00<	Barium			644	1.00	267	1.00
Cadmium     5.92     0.500     3.39     0.500       Calcium     17900     2.00     10700     2.00       Chromium     345     0.500     109     0.500       Cobalt     830     1.00     101     1.00       Copper     5390     1.00     909     1.00       Iron     123000     1.00     42200     1.00       Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00       Marganese     785     1.00     288     1.00       Nickel     46.4     1.00     45.7     1.00       Potassium     3470     3.00     982     3.00       Selenium     1.66     1.00     8.41     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium<	Beryllium			Not detected	0.500	Not detected	0.500
Calcium     17900     2.00     10700     2.00       Chromium     345     0.500     109     0.500       Cobalt     830     1.00     101     1.00       Copper     5390     1.00     909     1.00       Iron     123000     1.00     42200     1.00       Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00       Magnesium     11000     2.00     3350     2.00       Magnesium     11000     2.00     3350     2.00       Nickel     46.4     1.00     45.7     1.00       Potassium     3470     3.00     982     3.00       Selenium     1.66     1.00     8.41     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     <	Cadmium			5.92	0.500	3.39	0.500
Chromium     345     0.500     109     0.500       Cobalt     830     1.00     101     1.00       Copper     5390     1.00     909     1.00       Iron     123000     1.00     42200     1.00       Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00       Magnese     785     1.00     288     1.00       Nickel     46.4     1.00     45.7     1.00       Selenium     1.66     1.00     8.41     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00	Calcium			17900	2.00	10700	2.00
Cobalt     830     1.00     101     1.00       Copper     5390     1.00     909     1.00       Iron     123000     1.00     42200     1.00       Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00       Magnesium     1.00     2.00     3350     2.00       Nickel     46.4     1.00     45.7     1.00       Potassium     3470     3.00     982     3.00       Selenium     1.66     1.00     8.41     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium	Chromium			345	0.500	109	0.500
Copper     5390     1.00     909     1.00       Iron     123000     1.00     42200     1.00       Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00       Magnesium     11000     2.00     3350     2.00       Magnese     785     1.00     288     1.00       Nickel     46.4     1.00     45.7     1.00       Potassium     3470     3.00     982     3.00       Selenium     1.66     1.00     8.41     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00	Cobalt			830	1.00	101	1.00
Iron     123000     1.00     42200     1.00       Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00       Manganese     785     1.00     288     1.00       Nickel     46.4     1.00     45.7     1.00       Potassium     3470     3.00     982     3.00       Selenium     1.66     1.00     8.41     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00	Copper	-		5390	1.00	909	1.00
Lead     2550     1.00     837     1.00       Magnesium     11000     2.00     3350     2.00       Manganese     785     1.00     288     1.00       Nickel     46.4     1.00     45.7     1.00       Potassium     3470     3.00     982     3.00       Selenium     1.66     1.00     8.41     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00	Iron			123000	1.00	42200	1.00
Magnesium     11000     2.00     3350     2.00       Manganese     785     1.00     288     1.00       Nickel     46.4     1.00     45.7     1.00       Potassium     3470     3.00     982     3.00       Selenium     1.66     1.00     8.41     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00	Lead			2550	1.00	837	1.00
Manganese     785     1.00     288     1.00       Nickel     46.4     1.00     45.7     1.00       Potassium     3470     3.00     982     3.00       Selenium     1.66     1.00     8.41     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00       Mercury     SW846-7471     mg/kG     0.44     0.10     1.83     0.10	Magnesium		1	11000	2.00	3350	2.00
Nickel     46.4     1.00     45.7     1.00       Potassium     3470     3.00     982     3.00       Selenium     1.66     1.00     8.41     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00       Mercury     SW846-7471     mg/kG     0.44     0.10     1.83     0.10	Manganese		<u> </u>	785	1.00	288	1.00
Potassium     3470     3.00     982     3.00       Selenium     1.66     1.00     8.41     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00       Mercury     SW846-7471     mg/kG     0.44     0.10     1.83     0.10	Nickel			46.4	1.00	45.7	1.00
Selenium     1.66     1.00     8.41     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00       Mercury     SW846-7471     mg/kG     0.44     0.10     1.83     0.10	Potassium		1	3470	3.00	982	3.00
Silver     Not detected     1.00     Not detected     1.00       Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00       Mercury     SW846-7471     mg/kG     0.44     0.10     1.83     0.10	Selenium			1.66	1.00	8.41	1.00
Sodium     126000     5.00     12800     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00       Mercury     SW846-7471     mg/kG     0.44     0.10     1.83     0.10	Silver	1		Not detected	1.00	Not detected	1.00
Thallium     Not detected     1.00     Not detected     1.00       Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00       Mercury     SW846-7471     mg/kG     0.44     0.10     1.83     0.10	Sodium		İ	126000	5.00	12800	5.00
Vanadium     66.6     2.00     23.0     2.00       Zinc     21300     2.00     5360     2.00       Mercury     SW846-7471     mg/kG     0.44     0.10     1.83     0.10	Thallium		1	Not detected	1.00	Not detected	1.00
Zinc     21300     2.00     5360     2.00       Mercury     SW846-7471     mg/kG     0.44     0.10     1.83     0.10	Vanadium	1	1	66.6	2.00	23.0	2.00
Mercury SW846-7471 mg/kG 0.44 0.10 1.83 0.10	Zinc		1	21300	2.00	5360	2.00
	Mercury	SW846-7471	mg/kG	0.44	0.10	1.83	0.10

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Client Sample ID			SB-7B		SB-7C	
York Sample ID			03110576-17		03110576-18	
Matrix		····	SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4.4'-DDD			Not detected	10	Not detected	10
4.4'-DDE			Not detected	10	Not detected	10
4.4'-DDT			Not detected	10	108	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane		-	Not detected	50	509	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I		1	Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate		1	Not detected	10	Not detected	10
Endrin	· · · · · · · · · · · · · · · · · · ·		Not detected	10	Not detected	10
Endrin aldehyde	+		Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Hentachlor			Not detected	10	Not detected	10
Heptachlor epoxide		ļ	Not detected	10	Not detected	10
Methoxychlor		<u> </u>	Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1 1 1 2-Tetrachloroethane	5		Not detected	5.0	Not detected	5.0
1 1 1-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1 2 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1 1 2-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethylene		+	Not detected	5.0	Not detected	5.0
1 1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1 2 3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.3-Trichloropropane			Not detected	5.0	Not detected	5.0
1 2 3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1 2 4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2-Dibromo-3-chloropropage	****		Not detected	5.0	Not detected	5.0
1.2-Dibromoethane			Not detected	5.0	Not detected	5.0
1.2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.2-Dichloroethane			Not detected	5.0	Not detected	5.0
1.2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2-Dichloropropage			Not detected	5.0	Not detected	5.0
1.3.5 Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.3 Dichlorobenzene		· · · · ·	Not detected	5.0	Not detected	5.0
1.3-Dichlorontopane			Not detected	5.0	Not detected	5.0
1.J-Dichlorobenzene	-		Not detected	5.0	Not detected	5.0
1. Chlorobevane			Not detected	5.0	Not detected	5.0
2 2 Dichloronronana			Not detected	5.0	Not detected	5.0
2,2-Dichlorotolyana	<u> </u>	-	Not detected	5.0	Not detected	5.0
		+	Not detected	5.0	Not detected	5.0
4-Ciliofololuene		+	Not detected	5.0	Not detected	5.0
Denzene		+	Not detected	5.0	Not detected	50
Bromobenzene		1	Not detected	5.0	I not detected	1 5.0

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Client Sample ID			SB-7B		SB-7C	
York Sample ID	· _ · · · · · · · · · · · · · · ·		03110576-17		03110576-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			Not detected	330	240 J	660
Acenaphthylene			Not detected	330	Not detected	660
Anthracene			Not detected	330	590 J	660
Benzo[a]anthracene			Not detected	330	2300	660
Benzo[a]pyrene			Not detected	330	2100	660
Benzo[b]fluoranthene			Not detected	330	2500	660
Benzo[g,h,i]perylene			Not detected	330	380 J	660
Benzo[k]fluoranthene			Not detected	330	1800	660
Chrysene			Not detected	330	2100	660
Dibenz[a,h]anthracene			Not detected	330	240 J	660
Fluoranthene			Not detected	330	3700	660
Fluorene			Not detected	330	220 J	660
Indeno[1,2,3-cd]pyrene			Not detected	330	570 J	660
Naphthalene			Not detected	330	Not detected	660
Phenanthrene			Not detected	330	2400	660
Pyrene			Not detected	330	3300	660
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016	1		Not detected	0.02	Not detected	0.02

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Client Sample ID			SB-7B		SB-7C	
York Sample ID			03110576-17		03110576-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	0.59	0.02
PCB 1260			Not detected	0.02	0.49	0.02
PCB, Total			Not detected	0.02	1.08	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			2870	1.00	7100	1.00
Antimony			Not detected	1.00	9.12	1.00
Arsenic			1.46	1.00	9.91	1.00
Barium			30.7	1.00	218	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	10.2	0.500
Calcium			4180	2.00	9530	2.00
Chromium			7.38	0.500	90.1	0.500
Cobalt			4.47	1.00	88.0	1.00
Copper			10.8	1.00	948	1.00
Iron			9330	1.00	36800	1.00
Lead			5.19	1.00	767	1.00
Magnesium			3060	2.00	3550	2.00
Manganese	<u> </u>		299	1.00	275	1.00
Nickel			8.01	1.00	54.4	1.00
Potassium			595	3.00	809	3.00
Selenium			2.43	1.00	7.09	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			404	5.00	11100	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			9.39	2.00	25.2	2.00
Zinc			55.6	2.00	4750	2.00
Mercury	SW846-7471	mg/kG	0.33	0.10	3.09	0.10

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Client Sample ID			SB-8A		SB-8B	
York Sample ID			03110576-19		03110576-20	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			10.5	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			26.4	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			464	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10

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NC-NYCDEP-00000505

Client Sample ID			SB-8A		SB-8B	
York Sample ID			03110576-19		03110576-20	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane	· · ·		Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0

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Client Sample ID			SB-8A		SB-8B	
York Sample ID			03110576-19		03110576-20	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xvlene	····		Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	18	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1 3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc (BN)	SW846-8270	uø/kG				
A cenaphthene	011010 0270	ug/KO	200 I	660	Not detected	330
Acenaphthene			Not detected	660	Not detected	330
Anthracene			550 1	660	220 J	330
Ranzolalanthracana			1600	660	520	330
Benzolalpurene			1300	660	440	330
Benzo[b]fluoranthene	·······		1200	660	370	330
Benzo[g h i]pervlene			480 1	660	85 I	330
Benzo[k]fluoranthene	· · · · · · · · · · · · · · · · · · ·		980	660	440	330
Chrysene			1500	660	580	330
Dibenz[a h]anthracene	· · · · · · · · · · · · · · · · · · ·		240 I	660	61 J	330
Fluoranthene			2800	660	990	330
Fluorene	····		260 J	660	68 I	330
Indeno[1.2.3.cd]nyrene			640 I	660	130 J	330
Naphthalana			Not detected	660	Not detected	330
Phenanthrene			2000	660	770	330
Dyrene			2600	660	900	330
PCB	SW846-3550B/8082	ma/Ka	2000			
PCB 1016	0110103330B/0002	1116/116	Not detected	0.02	Not detected	0.02
PCB 1221	<u> </u>		Not detected	0.02	Not detected	0.02
PCB 1221	· · · · · · · · · · · · · · · · · · ·		Not detected	0.02	Not detected	0.02
PCB 12/2		+	Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
DCB 1240			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
			Not detected	0.02	Not detected	0.02
Motels Target Analyte List(TAL)	SW/8/6-6010	malka		0.02		
Aluminum	5 ** 0+0-0010	L III B/ KB	6670	1.00	3260	1.00
		+	1.40	1.00	2 54	1.00
Anumony		+	1.40	1.00	56.5	1.00
Aiseine		+	102	1.00	278	1.00
Darium		+	Not detected	0.500	Not detected	0.500
Codmisum	·	+	2.62	0.500	2.25	0.500
Caumum		+	2.03	2.00	12400	200
Calcium			2000	2.00	1. 12400	∠.00

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Client Sample ID			SB-8A		SB-8B	
York Sample ID			03110576-19		03110576-20	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Chromium			64.2	0.500	16.3	0.500
Cobalt			28.3	1.00	7.39	1.00
Copper			556	1.00	197	1.00
Iron			31500	1.00	18000	1.00
Lead			1410	1.00	263	1.00
Magnesium			3990	2.00	3630	2.00
Manganese			350	1.00	314	1.00
Nickel			28.2	1.00	156	1.00
Potassium			840	3.00	889	3.00
Selenium			6.67	1.00	33.8	1.00
Silver			Not detected	1.00	1.13	1.00
Sodium			5510	5.00	2230	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			20.2	2.00	11.9	2.00
Zinc			2390	2.00	953	2.00
Mercury	SW846-7471	mg/kG	1.02	0.10	0.61	0.10

Client Sample ID			SB-10A	
York Sample ID			03110576-21	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg		
4,4'-DDD			18.5	10
4,4'-DDE			Not detected	10
4,4'-DDT			15.7	10
Aldrin			Not detected	10
alpha-BHC			Not detected	10
beta-BHC			Not detected	10
Chlordane			780	50
delta-BHC			Not detected	10
Dieldrin			Not detected	10
Endosulfan I			Not detected	10
Endosulfan II			Not detected	10
Endosulfan sulfate			Not detected	10
Endrin			Not detected	10
Endrin aldehyde			Not detected	10
gamma-BHC (Lindane)			Not detected	10
Heptachlor			Not detected	10
Heptachlor epoxide			Not detected	10
Methoxychlor			Not detected	50
Toxaphene			Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg		
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0

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Client Sample ID			SB-10A	
York Sample ID			03110576-21	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1.2.3-Trichlorobenzene			Not detected	5.0
1.2.3-Trichloropropane			Not detected	5.0
1.2.3-Trimethylbenzene			Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0
1.2.4-Trimethylbenzene			Not detected	5.0
1.2-Dibromo-3-chloropropane			Not detected	5.0
1.2-Dibromoethane			Not detected	5.0
1.2-Dichlorobenzene			Not detected	5.0
1.2-Dichloroethane			Not detected	5.0
1.2-Dichloroethylene (Total)			Not detected	5.0
1.2-Dichloropropane			Not detected	5.0
1.3.5-Trimethylbenzene			Not detected	5.0
1.3-Dichlorobenzene			Not detected	5.0
1.3-Dichloropropane			Not detected	5.0
1.4-Dichlorobenzene			Not detected	5.0
1-Chlorohexane	·····		Not detected	5.0
2.2-Dichloropropane			Not detected	5.0
2-Chlorotoluene			Not detected	5.0
4-Chlorotoluene			Not detected	5.0
Benzene			Not detected	5.0
Bromobenzene			Not detected	5.0
Bromochloromethane	1		Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromoform	·····		Not detected	5.0
Bromomethane			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1,3-Dichloropropylene	1		Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dibromomethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Isopropylbenzene			Not detected	5.0
Methylene chloride			Not detected	5.0
Naphthalene			10	5.0
n-Butylbenzene			Not detected	5.0
n-Propylbenzene			Not detected	5.0
o-Xylene			Not detected	5.0
p- & m-Xylenes	-		Not detected	5.0
p-Isopropyltoluene			Not detected	5.0
sec-Butylbenzene			Not detected	5.0
Styrene	1		Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tetrachloroethylene			Not detected	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene			Not detected	5.0

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Client Sample ID			SB-10A	
York Sample ID			03110576-21	
Matrix			SOIL	-
Parameter	Method	Units	Results	MDL
Trichlorofluoromethane			Not detected	5.0
Vinvl chloride			Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG		
Acenaphthene		ugno	1600 J	1700
Acenaphthylene			Not detected	1700
Anthracene	<u></u>		3200	1700
Benzolalanthracene			11000	1700
Benzolalpyrene			8500	1700
Benzo[b]fluoranthene			9800	1700
Benzo[g.h.i]pervlene	· · · · · · · · · · · · · · · · · · ·		1700	1700
Benzo[k]fluoranthene	······································		7300	1700
Chrysene			11000	1700
Dibenz[a,h]anthracene	······		1300 J	1700
Fluoranthene			15000	1700
Fluorene	······································		1700	1700
Indeno[1,2,3-cd]pyrene			2400	1700
Naphthalene			560 J	1700
Phenanthrene			11000	1700
Pyrene			13000	1700
PCB	SW846-3550B/8082	mg/Kg		
PCB 1016			Not detected	0.02
PCB 1221			Not detected	0.02
PCB 1232			Not detected	0.02
PCB 1242			Not detected	0.02
PCB 1248			Not detected	0.02
PCB 1254			Not detected	0.02
PCB 1260			Not detected	0.02
PCB, Total			Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg		
Aluminum			6920	1.00
Antimony			Not detected	1.00
Arsenic			6.90	1.00
Barium			199	1.00
Beryllium			Not detected	0.500
Cadmium		t	0.57	0.500
Calcium			9870	2.00
Chromium			17.0	0.500
Cobalt			5.11	1.00
Copper			98.3	1.00
Iron			12600	1.00
Lead			153	1.00
Magnesium			2600	2.00
Manganese			199	1.00
Nickel			10.1	1.00
Potassium			630	3.00
Selenium	· · · ·		3.15	1.00
Silver			Not detected	1.00
Sodium	1		1190	5.00
Thallium		1	Not detected	1.00
Vanadium		1	21.3	2.00
Zinc			421	2.00



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Client Sample ID			SB-10A	
York Sample ID			03110576-21	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Mercury	SW846-7471	mg/kG	0.63	0.10

**Units Key:** For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

#### Notes for York Project No. 03110576

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.

- 3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
- 4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
- 5. All samples were received in proper condition for analysis with proper documentation.

6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

munt Approved By: Robert Q. Bradley Managing Director

Date: 12/10/2003



	Add							Page / of 3
ANALYTIGAL L	ABORATORIES,	i z		Field (	Chain-c	of-Custod	y Recorc	
0 NE RE Stamfoi (203) 325-137	:SEARCH DRIVE Rd, CT 06906 1 FAX (203) 3574	0166					Ú,	01100110
Company	Name	Report T	o.	oice To:	Proje	ict ID/No.	1.7. S	
1					DEP/Soll	5DG-1	Bamples Collec	cted By (Signature)
ENVINOSEIEN Consu	nee Itauts	G. Menegi	м 	ine	27-15 year	in St, MARPEHL, WY	aveg Menej	(Arinted)
Sample No.	Locatio	n/ID [	Date Sample	d Samp Water Soi	le Matrix il Air DTHER	ANALYSES R	EQUESTED	Container Description(s)
`	S.B-1A		1/19/03	×		VCCS, SVOCS (1791) Restriptes, TAL 1	45 only) Nepets	2 Sct
ίλ	SB-1B			×				
M	SB-2A			×				
Ŕ	513-213			*				
2	MW-CH			×				
ę	ANN GB	Le 11/19/05	eted					
4	513-3A			×				
S	SB-3B			*				
6	5B-44		-	×		P		-
0/	SB-4B		1/19/03	X		NOCS, SUDCS (PAH) PRY/PUB. THE M	enty) yeterli	2 802
Chain-of-Custo	dy Record		t, ib	2 	110-4 (-1)	10/ 30/		11/2 10V
Bottles Relinquis	thed from Lab by	Date/Time <i>i1/19/</i> 03	SA Sample Re	Graned by		le Samp	Interesting by 10	D batérrime
Bottles Receive	ad in Field by	Date/Time	Sample Re	linquished by	Date/Tim	e	Received in LAB by	Date/Time
Comments/Spec	cial Instructions	shr	DEC CHER	Delivion	erl	24 V		i)H(define)

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								Page 2 of 3
	<b>VKK</b>	IES, INC.		Field	Chain-	of-Custod	v Record	
ONE RES Stamfori (203) 325-1371	EARCH DRIV d, ct 0690 Fax (203) ;	E 16 357-0166					0911t	240
Company	Name	Report To:		voice To:	Proje	sct ID/No.	La Camples Collecte	ed Bv (Signature)
ENVINOSCIENE Consult	tents	G. Menego	<u></u>	ene	DEP/Son	r - SDG- 1	Curry Mr Negra	Printed)
Sample No.	Loce	ation/ID Da	tte Sample	ed Nater Sam	ple Matrix oil Air DTHER	ANALYSES R	EQUESTED	Container Description(s)
1	1a	4110-7A 111	19/03	*		VOLS, SURS ( PAHON) Pash/PCB. TAL MI	a la	
Ċ	U	11W-78.		*				
/ 3	Ś	H2-5H						
١4	S	8-5B		د- -	*			
15	S	B-6A		~	×			
i (o	SE	5-613						
٤ /	SR	5-7A						
81	Š	- 713		3	~			
61	S 8	- 70	<b>X</b>	*				
20	SE	-8A ///	19/03	×			m 5/2130	6 802
Chain-of-Custo	dy Recorc	T		H.	4-1/-1/	1/60		11/20 100
Bottles Relinerist	hed from Lab t	by Date/Time	Sample F	Relinquished by	Date Min	ne Samp	Die Repetived by 175	C Daterrane C
Bottles Deceived	d in held by	Date/Time	Sample F	Relinquished by	Date/Tir	he Sample	Received in LAB by	Date/The
Comments/Spec	ial Instruct	tions Nysder	CAT B D	eliverspie	đ	7 //	Candard Time	H(define)

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Page <u>&gt;</u> of <u>3</u>		0210	Arad By (Signature)	ected by (olginature) ie (Printed)	Container Description(s)	2 808	>						11/20/00	TW Pate/Time	DateTime	JSH(define)
	stody Record	1160	Le hard	La rea Merries Con	YSES REQUESTED	ols ( PAH ONIY ) Ests , The Mitals							( and	Sample Rectived by	Sample Received in AB by	Turn-Around Time K Standard RL
	hain-of-Cu		Project ID/No.	OCP/SOL SDG-1	Matrix Air DTHER ANAL	P(B)							11-20-03/100	DateAime	Date/Time	
	Field C		<u>nvoice To:</u>	Siture	oled <u>Water</u> Soil	×	×						terne M	e Relinquished by	e Relinquished by	Delivera bles
			rt To:	egis	Date Sam	11/19/03	~	 1-9015					Jr.	ime Samp	ime Samp	SDEC CAF B
	rories, Inc.	DRIVE 6906 33) 357-0166	e Repo	ts G. Men	ocation/ID	B-8B	8-104	DEP/Sou	~				ord	Lab by Date/T	by Date/T	ructions NY
AUV	ANALYTICAL LABORAT	DNE RESEARCH 1 Stamford, CT 0 (203) 325-1371 FAX (20	Company Name	Envivescience Ocusti Itani	Sample No. L	21 5	22 SI	 en					Chain-of-Custody Rec	Bottles Relinquished from	Bottles Received in Freid	Comments/Special Inst



# **Technical Report**

prepared for

**Enviroscience Consultants, Inc. 33 Flying Point Road** Suite 208 Southhampton, NY 11968 **Attention: Greg Menegio** 

Report Date: 12/10/2003 Re: Client Project ID: DEP/Soil SDG-2/Maspeth, NY York Project No.: 03110577

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STAMFORD, CT 06906 (203) 325-1371 FAX (203) 357-0166

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NC-NYCDEP-00000515

Report Date: 12/10/2003 Client Project ID: DEP/Soil SDG-2/Maspeth, NY York Project No.: 03110577

#### Enviroscience Consultants, Inc.

33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

#### Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 11/20/03. The project was identified as your project "DEP/Soil SDG-2/Maspeth, NY."

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			MW-9A		MW-9B	
York Sample ID			03110577-01		03110577-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10

#### Analysis Results

Client Sample ID			MW-9A		MW-9B	
York Sample ID	· · · · ·		03110577-01		03110577-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor	· · · · · · · · · · · · · · · · · · ·		Not detected	50	Not detected	50
Toxanhene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1 1 1 2-Tetrachloroethane	511010000		Not detected	5.0	Not detected	5.0
1 1 1-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1 2 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1 1 2-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1 1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1.2.3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.3-Trichloropropage			Not detected	5.0	Not detected	5.0
1 2 3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene		-	Not detected	5.0	Not detected	5.0
1 2 4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1.2-Dibromoethane			Not detected	5.0	Not detected	5.0
1 2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.2-Dichloroethane			Not detected	5.0	Not detected	5.0
1.2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2-Dichloropropage			Not detected	5.0	Not detected	5.0
1 3 5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1 3-Dichlorobenzene		_	Not detected	5.0	Not detected	5.0
1 3-Dichloropropane			Not detected	5.0	Not detected	5.0
1 4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2.2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Bromomethane		-	Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene	PL1		Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1.3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethvlbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0

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Client Sample ID			MW-9A		MW-9B	
York Sample ID	<u> </u>		03110577-01		03110577-02	
Matrix	/		SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xvlene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	5	5.0
n-Isopropyltoluene			5	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene	<u> </u>		Not detected	5.0	Not detected	5.0
trans-1 3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc (BN)	SW846-8270	uø/kG				
A cenaphthene	0110100270	ugino	Not detected	41000	55 I	330
Acenaphtheline			Not detected	41000	Not detected	330
Anthracene			Not detected	41000	130 I	330
Antinacene			11000 I	41000	200 I	330
Benzo[a]purepe			7600 I	41000	160 J	330
Benzolhlfluoranthana			9600 11	41000	100 J	330
Denzolo h ilnomilano			Not detected	41000	76 I	330
Benzolg, n, ijperviene				41000	160 J	220
Benzo[k]Iluorantnene			12000 J	41000	160 J	220
Chrysene			12000 J	41000	Not detected	220
Elsa mathema			24000 I	41000	420	330
Fluoranthene			24000 J	41000	420 64 I	220
Fluorene			Not detected	41000	96 I	220
Indeno[1,2,3-cd]pyrene		<u> </u>	Not detected	41000	Not detected	220
Naphthalene				41000	Not detected	220
Prenanthrene			19000 J	41000	370	220
Pyrene	ON/046 2550D/0002	m n/V n	22000 J	41000	370	
PCB	5W840-3330D/8082	_ing/Kg	Net detected	0.20	Not detected	0.02
PCB 1010	· · · · · · · · · · · · · · · · · · ·		Not detected	0.20	Not detected	0.02
PCB 1221			Not detected	0.20	Not detected	0.02
PCB 1232			Not detected	0.20	Not detected	0.02
PCB 1242			Not detected	0.20	Not detected	0.02
PCB 1248			Not detected	0.20		0.02
PCB 1254				0.20	U.04	0.02
PCB 1260		<u> </u>	Not detected	0.20	Not detected	0.02
PCB, Iotal	GW046 6010		2.11	0.20	0.04	0.02
Ivietais, Target Analyte List(TAL)	SW846-6010	mg/kg			4070	1.00
Aluminum			5230	1.00	42/0	1.00
Antimony			25.9	1.00	Not detected	1.00
Arsenic		1	17.3	1.00	3.0/	1.00
Barium				1.00	43.4	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			19.6	0.500	Not detected	0.500
Calcium			5260	2.00	10500	2.00
Chromium	<u></u>		32.4	0.500	20.2	0.500
Cobalt			11.6	1.00	5.24	1.00
Copper		<u> </u>	195	1.00	21.2	1.00
Iron			20600	1.00	12200	1.00

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Client Sample ID			MW-9A		MW-9B	
York Sample ID			03110577-01		03110577-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead			536	1.00	82.2	1.00
Magnesium			1860	2.00	2310	2.00
Manganese			209	1.00	252	1.00
Nickel			33.9	1.00	9.50	1.00
Potassium			903	3.00	851	3.00
Selenium			8.01	1.00	15.0	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			1630	5.00	364	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			25.6	2.00	15.0	2.00
Zinc			783	2.00	37.6	2.00
Mercury	SW846-7471	mg/kG	3.41	0.10	0.61	0.10

Client Sample ID			SB-10B		MW-8A	
York Sample ID			03110577-03		03110577-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0

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Client Sample ID			SB-10B		MW-8A	
York Sample ID			03110577-03		03110577-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane	-		Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane	<u></u>		Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene		<u> </u>	Not detected	5.0	Not detected	5.0
Toluene		<u> </u>	Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene		<u> </u>	Not detected	5.0	Not detected	$\frac{5.0}{5.0}$
Trichloroethylene		<b> </b>	Not detected	5.0	Not detected	5.0
Trichlorofluoromethane		<u> </u>	Not detected	5.0	Not detected	5.0
Vinyl chloride	0111046.00=0		Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			1 770 J	1700	63 J	660

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Client Sample ID			SB-10B		MW-8A	
York Sample ID			03110577-03		03110577-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Acenaphthylene			Not detected	1700	Not detected	660
Anthracene			2100	1700	200 J	660
Benzo[a]anthracene			3000	1700	500 J	660
Benzo[a]pyrene			2200	1700	450 J	660
Benzo[b]fluoranthene			1800	1700	420 J	660
Benzo[g.h.i]pervlene			1000 J	1700	220 J	660
Benzo[k]fluoranthene			1900	1700	430 J	660
Chrysene			3000	1700	560 J	660
Dibenz[a,h]anthracene			600 J	1700	110 J	660
Fluoranthene			6400	1700	1100	660
Fluorene			1500 J	1700	72 J	660
Indeno[1,2,3-cd]pyrene			1200 J	1700	240 J	660
Naphthalene			660 I	1700	Not detected	660
Phenanthrene			7100	1700	830	660
Pyrene			5900	1700	980	660
PCB	SW846-3550B/8082	mg/Kg				
PCB 1016	511010 55505/0002	1115/115	Not detected	0.02	Not detected	0.20
PCB 1221			Not detected	0.02	Not detected	0.20
PCB 1222			Not detected	0.02	Not detected	0.20
PCB 1232			Not detected	0.02	Not detected	0.20
PCB 1242	· · · · ·		Not detected	0.02	Not detected	0.20
PCB 1248			Not detected	0.02	1 25	0.20
PCB 1260			Not detected	0.02	Not detected	0.20
PCB Total			Not detected	0.02	1 25	0.20
Matals Target Analyte List(TAL)	SW846-6010	malka		0.02		0.20
Aluminum	50040-0010	mg/kg	3680	1.00	12100	1 00
Antimony			Not detected	1.00	5 38	1.00
Arsenic			2.66	1.00	5.30	1.00
Rarium			50.0	1.00	185	1.00
Berullium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	2 71	0.500
Calcium			10700	2.00	7630	2.00
Chromium			10700	0.500	20.0	0.500
Cabalt			15.2	1.00	15.3	1.00
Coppor			4.54	1.00	400	1.00
Irop			8720	1.00	10800	1.00
Logd		<u> </u> .	112	1.00	280	1.00
Magnasium			2620	1.00	1270	2.00
Mancanaga	<u> </u>		2030	2.00	200	1.00
Niekol			229	1.00	210	1.00
Detersion		<u> </u> ,	7.83	1.00	700	2.00
Potassium Colorium	· · · · ·		142	3.00	2 02	3.00
Selenium	· · · · · · · · · · · · · · · · · · ·		2.29	1.00	5.85	1.00
Silver			Not detected	1.00	0.82	1.00
Sodium		<u> </u>	526	5.00	3400	5.00
Inallium		<u> </u>	Not detected	1.00	Not detected	1.00
Vanadium			11.3	2.00	19.0	2.00
Zinc		l	80.7	2.00	978	2.00
Mercury	SW846-7471	mg/kG	0.36	0.10	2.40	0.10

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NC-NYCDEP-00000521

Client Sample ID			MW-8B	
York Sample ID			03110577-05	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg		
4,4'-DDD		UUUUU	Not detected	10
4,4'-DDE			Not detected	10
4,4'-DDT			Not detected	10
Aldrin	-		Not detected	10
alpha-BHC			Not detected	10
beta-BHC			Not detected	10
Chlordane			Not detected	50
delta-BHC			Not detected	10
Dieldrin			Not detected	10
Endosulfan I			Not detected	10
Endosulfan II			Not detected	10
Endosulfan sulfate			Not detected	10
Endrin			Not detected	10
Endrin aldehyde			Not detected	10
gamma-BHC (Lindane)			Not detected	10
Heptachlor			Not detected	10
Heptachlor epoxide			Not detected	10
Methoxychlor			Not detected	50
Toxaphene			Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg		
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane		ļ	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0
1,2,3-Trimethylbenzene		l	Not detected	5.0
1,2,4-Trichlorobenzene		ļ	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0
1,2-Dibromoethane	•	ļ	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,3-Dichloropropane			Not detected	5.0
1,4-Dicnlorobenzene	· · · · · ·		Not detected	5.0
1-Chioronexane			Not detected	5.0
2,2-Dichloropropane			Not detected	5.0
2-Uniorotoluene			Not detected	5.0
4-Uniorotoluene			Not detected	5.0
Benzene		+	Not detected	5.0
Bromobenzene			Not detected	5.0
Bromodiohloromethane		+	Not detected	5.0
broinodichioromethane		1	I not detected	1 3.0



Client Sample ID			MW-8B	
York Sample ID			03110577-05	
Matrix			SOIL	1
Parameter	Method	Units	Results	MDL
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dibromomethane			Not detected	5.0
Dichlorodifluoromethane		· · · · · · · · · · · · · · · · · · ·	Not detected	5.0
Ethylbenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Isopropylbenzene			Not detected	5.0
Methylene chloride			Not detected	5.0
Naphthalene			Not detected	5.0
n-Butylbenzene			Not detected	5.0
n-Propylbenzene			Not detected	5.0
o-Xylene			Not detected	5.0
p- & m-Xylenes			Not detected	5.0
p-Isopropyltoluene	u.==		Not detected	5.0
sec-Butylbenzene			Not detected	5.0
Styrene			Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tetrachloroethylene			Not detected	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG		
Acenaphthene			2400	1700
Acenaphthylene			Not detected	1700
Anthracene			3100	1700
Benzo[a]anthracene			4800	1700
Benzo[a]pyrene			3600	1700
Benzo[b]fluoranthene			3700	1700
Benzo[g,h,i]perylene			830 J	1700
Benzo[k]fluoranthene			2800	1700
Chrysene			5300	1700
Dibenz[a,h]anthracene			Not detected	1700
Fluoranthene	· · · · · · · · · · · · · · · · · · ·		11000	1700
Fluorene			4100	1700
Indeno[1,2,3-cd]pyrene			1200 J	1700
Naphthalene		1	2000	1700
Phenanthrene			13000	1700
Pyrene			9000	1700
РСВ	SW846-3550B/8082	mg/Kg		
PCB 1016		<u>~</u>	Not detected	0.02
PCB 1221			Not detected	0.02
PCB 1232			Not detected	0.02

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Client Sample ID			MW-8B	
York Sample ID			03110577-05	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
PCB 1242			Not detected	0.02
PCB 1248			Not detected	0.02
PCB 1254			Not detected	0.02
PCB 1260			Not detected	0.02
PCB, Total			Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg		
Aluminum			7840	1.00
Antimony			Not detected	1.00
Arsenic			5.40	1.00
Barium			430	1.00
Beryllium			Not detected	0.500
Cadmium			0.65	0.500
Calcium			3970	2.00
Chromium			18.3	0.500
Cobalt			5.12	1.00
Copper			96.5	1.00
Iron			15800	1.00
Lead			274	1.00
Magnesium			2730	2.00
Manganese			296	1.00
Nickel			11.6	1.00
Potassium			1090	3.00
Selenium			3.86	1.00
Silver			Not detected	1.00
Sodium			1140	5.00
Thallium			Not detected	1.00
Vanadium			19.7	2.00
Zinc			329	2.00
Mercury	SW846-7471	mg/kG	0.71	0.10

Client Sample ID			EBS-11/19	
York Sample ID			03110577-06	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L		
4,4'-DDD			Not detected	0.05
4,4'-DDE			Not detected	0.05
4,4'-DDT			Not detected	0.05
Aldrin			Not detected	0.05
alpha-BHC			Not detected	0.05
beta-BHC			Not detected	0.05
Chlordane			Not detected	0.2
delta-BHC			Not detected	0.05
Dieldrin			Not detected	0.05
Endosulfan I		1	Not detected	0.05
Endosulfan II			Not detected	0.05
Endosulfan sulfate			Not detected	0.05
Endrin			Not detected	0.05
Endrin aldehyde			Not detected	0.05

Client Sample ID			EBS-11/19	
York Sample ID		-	03110577-06	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
gamma-BHC (Lindane)			Not detected	0.05
Heptachlor			Not detected	0.05
Hentachlor epoxide			Not detected	0.05
Methoxychlor			Not detected	0.2
Toxaphene			Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L		
1.1.1.2-Tetrachloroethane			Not detected	1
1,1,1-Trichloroethane			Not detected	1
1.1.2.2-Tetrachloroethane			Not detected	1
1.1.2-Trichloroethane			Not detected	1
1.1-Dichloroethane			Not detected	1
1.1-Dichloroethylene			Not detected	1
1 1-Dichloropropylene			Not detected	1
1.2.3-Trichlorobenzene			Not detected	1
1.2.3-Trichloropropage			Not detected	1
1 2 3-Trimethylbenzene		-	Not detected	1
1 2 4-Trichlorobenzene	1		Not detected	1
1 2 4-Trimethylbenzene	·		Not detected	1
1 2-Dibromo-3-chloropropane			Not detected	1
1.2-Dibromoethane			Not detected	1
1 2-Dichlorobenzene		-	1	1
1.2-Dichloroethane			Not detected	
1.2-Dichloroethylene (Total)			Not detected	1
1.2-Dichloropropage			Not detected	1
1 3 5-Trimethylbenzene			Not detected	1
1 3-Dichlorobenzene			Not detected	1
1 3-Dichloropropage			Not detected	1
1.4-Dichlorobenzene			1	1
1-Chlorobexane	· · · · · · · · · · · · · · · · · · ·	·{	Not detected	1
2 2-Dichloropropane			Not detected	1
2,2 Diemoropropule			Not detected	1
4-Chlorotoluene		-	Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	1
Bromochloromethane			Not detected	1
Bromodichloromethane			Not detected	1
Bromoform			Not detected	1
Bromomethane			Not detected	1
Carbon tetrachloride			Not detected	1
Chlorobenzene			Not detected	1
Chloroethane			Not detected	1
Chloroform			Not detected	1
Chloromethane			Not detected	1
cis-1.3-Dichloropropylene			Not detected	1
Dibromochloromethane			Not detected	1
Dibromomethane		·	Not detected	1
Dichlorodifluoromethane			Not detected	1
Fthylbenzene			Not detected	1
Hexachlorobutadiene			Not detected	1
Isopropylhenzene			Not detected	1
Methylene chloride			Not detected	1 1
monytone emonue			1 not detected	1 4

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Client Sample ID			EBS-11/19	
York Sample ID			03110577-06	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Naphthalene			Not detected	1
n-Butylbenzene			Not detected	1
n-Propylbenzene			Not detected	1
o-Xylene			Not detected	1
p- & m-Xylenes			Not detected	1
p-Isopropyltoluene			Not detected	1
sec-Butylbenzene			Not detected	1
Styrene			Not detected	1
tert-Butylbenzene			Not detected	1
Tetrachloroethylene			Not detected	1
Toluene			Not detected	1
trans-1.3-Dichloropropylene			Not detected	1
Trichloroethylene			Not detected	1
Trichlorofluoromethane			Not detected	1
Vinyl chloride			Not detected	1
Polynuclear Aromatic Hydroc (BN)	SW846-8270	ug/L		
Acenaphthene	5110100270	<u> </u>	Not detected	10
Acenaphthylene			Not detected	10
Anthracene			Not detected	10
Benzo[a]anthracene			Not detected	10
Benzolalpyrene			Not detected	10
Benzo[b]fluoranthene			Not detected	10
Benzo[g h i]nervlene			Not detected	10
Benzo[k]fluoranthene			Not detected	10
Chyrsene			Not detected	10
Dibenz[a b]anthracene			Not detected	10
Fluoranthene			Not detected	10
Fluorene		<u> </u>	Not detected	10
Indeno[1.2.3-cd]pyrepe			Not detected	10
Naphthalene			Not detected	10
Phenanthrene	· · · · · · · · · · · · · · · · · · ·		Not detected	10
Dyrene		+	Not detected	10
PCB	SW846-3510C/8082	ng/L		
PCB 1016	5 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Not detected	0.2
PCB 1221			Not detected	0.2
PCB 1232			Not detected	0.2
PCB 1242		·	Not detected	0.2
PCB 1242			Not detected	0.2
PCB 1254			Not detected	0.2
PCB 1254			Not detected	0.2
PCB 1200		-	Not detected	0.2
Motolo Target Apolyte List(TAL)	SW846 6010	110/1	Not detected	0.2
Aluminum	3 W 840-0010	ug/L	Not detected	5.0
			Not detected	5.0
Arconio	· · · · · · · · · · · · · · · · · · ·	+	Not detected	10.0
Barium		+	Not detected	10.0
Dariulli		+	Not detected	10.0
Cadmium		+	Not detected	3.0
Calaium	+	+	12 0	20.0
Chromeium		+	Hot detected	20.0
Coloritati			Not detected	5.0
Cobalt		<u> </u>	I NOT detected	3.0

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Client Sample ID			EBS-11/19	
York Sample ID			03110577-06	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Copper			Not detected	5.0
Iron			10.4	5.0
Lead			Not detected	3.0
Magnesium			Not detected	10.0
Manganese			Not detected	5.0
Nickel			Not detected	5.0
Potassium			Not detected	30.0
Selenium			Not detected	10.0
Silver			Not detected	5.0
Sodium			Not detected	50.0
Thallium			Not detected	10.0
Vanadium			Not detected	10.0
Zinc			Not detected	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002

Units Key:

ey: For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

#### Notes for York Project No. 03110577

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.

3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.

4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

5. All samples were received in proper condition for analysis with proper documentation.

6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: MUNT Robert Q. Bradley Managing Director

**Date:** 12/10/2003



NC-NYCDEP-00000527

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ANALYTICAL L	<b>JKK</b> Aboratorii	Es, Inc.		Ľ	ield	Chain-	of-Custo	Jy Record	
ONE RES STAMFOR (203) 325-1371	SEARCH DRIVE 10, CT 0690 FAX (203) 3	r 6 357-0166						09110	571.
Company	Name	Report	To:	Invoic	e To:	Pro	ect ID/No.	A MA	Ad By (Signature)
ENVNOSEL	ale A	6 Menero		Scime		DEP/50. 57-15 49.	" SDG 2 HARPEN "	Gree Mene	e (Printed)
Sample No.	Loca	tion/ID	Date Sal	mpled	Sam Water Sc	ole Matrix vil Air DTHER	ANALYSES	REQUESTED	Container Description(s)
`	ALU	-9.4	11/19/03	10	*		UCCE, SUCCS (PAH ON PESTS/PCBS, 7746	les. Mepals	2 802
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Chain-of-Custo	dy Record	_		Y.	and a second	1-20-0	3/100 L	ame	11/20 100
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Comments/Spec	cial Instruct	ions <i>wy</i> .	sper cat	LE DU	horabl	9		Turn Around Time	ISH(define)



# **Technical Report**

prepared for

**Enviroscience Consultants, Inc. 33 Flying Point Road** Suite 208 Southhampton, NY 11968 **Attention: Greg Menegio** 

Report Date: 12/10/2003 Re: Client Project ID: DEP/Start SDG 3 Soil/Maspeth, NY York Project No.: 03110609

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Mass. License No. M-CT106 Rhode Island License No. 93 NJ License No. CT401



ONE RESEARCH DRIVE

STAMFORD, CT 06906 (203) 325-1371 Page 1 of 10

FAX (203) 357-0166

NC-NYCDEP-00000529

Report Date: 12/10/2003 Client Project ID: DEP/Start SDG 3 Soil/Maspeth, NY York Project No.: 03110609

#### Enviroscience Consultants, Inc.

33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

#### Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 11/21/03. The project was identifed as your project "DEP/Start SDG 3 Soil/Maspeth, NY."

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			SB-19A		SB-19B	
York Sample ID			03110609-01		03110609-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10

#### Analysis Results



Client Sample ID			SB-19A		SB-19B	
York Sample ID			03110609-01		03110609-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene	ļ		Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane		_	Not detected	5.0	Not detected	5.0
Chloroform		-	Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0

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Client Sample ID			SB-19A		SB-19B	
York Sample ID			03110609-01		03110609-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xvlene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1.3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Polymueloar Aromatic Hydroc (BN)	SW846-8270	ng/kG				
A cenaphthene	5 11 0 - 0 - 0 - 10	ug/KO	1100	660	Not detected	1700
Acchapithene			Not detected	660	Not detected	1700
Acenaphthylene			780	660	Not detected	1700
Panzalalanthracana			2400	660	260 I	1700
Benzolajantilacene			1700	660	190 J	1700
Benzo[b]fluorenthene			1600	660	190 J	1700
Benzolg h ilperulene			410 I	660	Not detected	1700
Benzo[k]fluorenthene			1700	660	200 I	1700
Chrysone			2200	660	200 J 300 I	1700
Dihangla hlanthraaana			2300	660	Not detected	1700
Elucronthane			4000	660	600 I	1700
Fluorance			4900 880	660	Not detected	1700
		· · · · ·	500 I	660	Not detected	1700
Norhtholono			860	660	Not detected	1700
Dhanonthrana	·····		4500	660	530 I	1700
Prienantiniene			4300	660	550 J	1700
Pyrene	SW046 2550D/0002	ma/Va	4100	000	3503	1700
	5 W 840-3330D/8082	mg/Kg	Not detected	0.02	Not detected	0.02
PCB 1010			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			0.07	0.02	Not detected	0.02
PCB 1200			0.00	0.02	Not detected	0.02
PCB, Total	011046 (010		0.15	0.02	Not detected	0.02
Ivietais, 1 arget Analyte List(1AL)	5 W 840-0010	ing/Kg	7050	1.00	4050	1.00
Aluminum		<u> </u>	1000	1.00	Hot detected	1.00
Antimony		<u> </u>	Not detected	1.00		1.00
Arsenic	+		5.30	1.00	10.2	1.00
Barium			98.1	1.00	101	1.00
Beryllium		ł	Not detected		Not detected	0.300
Cadmium			0.67	0.500	INOT detected	0.500
Calcium		ļ	11300	2.00	5330	2.00
Chromium		<u> </u>	19.3	0.500	15./	0.500
Cobalt			17.3	1.00	6.01	1.00
Copper		<b> </b>	124	1.00	/3.6	1.00
Iron			15000	1.00	19000	1.00



Client Sample ID			SB-19A		SB-19B	
York Sample ID			03110609-01		03110609-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead			407	1.00	534	1.00
Magnesium			5050	2.00	1630	2.00
Manganese			326	1.00	426	1.00
Nickel			41.6	1.00	8.07	1.00
Potassium			1630	3.00	834	3.00
Selenium			3.78	1.00	4.71	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			1890	5.00	1660	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			17.5	2.00	19.0	2.00
Zinc			695	2.00	440	2.00
Mercury	SW846-7471	mg/kG	0.21	0.10	3.56	0.10

Client Sample ID			SB-19C		SB-17A	
York Sample ID			03110609-03		03110609-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene		1	Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0

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Client Sample ID			SB-19C		SB-17A	
York Sample ID			03110609-03		03110609-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene		1	Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene		ļ	Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene		ļ	Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene		ļ	Not detected	5.0	Not detected	5.0
p- & m-Xylenes		L	Not detected	5.0	Not detected	5.0
p-Isopropyltoluene	<u></u>		Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene		<u> </u>	Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene		ļ	Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene	· · · - ··	ļ	Not detected	5.0	Not detected	5.0
Trichloroethylene		L	Not detected	5.0	Not detected	5.0
Trichlorofluoromethane		ļ	Not detected	5.0	Not detected	5.0
Vinyl chloride		1	Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			Not detected	1700	650 J	1700

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Client Sample ID			SB-19C		SB-17A	
York Sample ID			03110609-03		03110609-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Acenanhthylene			Not detected	1700	Not detected	1700
Anthracene			440 J	1700	1500 J	1700
Benzofalanthracene			730 J	1700	3000	1700
Benzo[a]pyrene			600 J	1700	2300	1700
Benzo[b]fluoranthene			520 J	1700	2400	1700
Benzo[g,h,i]pervlene			Not detected	1700	890 J	1700
Benzo[k]fluoranthene			640 J	1700	2500	1700
Chrysene			800 J	1700	2700	1700
Dibenz[a,h]anthracene			Not detected	1700	360 J	1700
Fluoranthene			1800	1700	5800	1700
Fluorene			Not detected	1700	720 J	1700
Indeno[1,2,3-cd]pyrene			Not detected	1700	960 J	1700
Naphthalene			Not detected	1700	510 J	1700
Phenanthrene			1600 J	1700	5000	1700
Pyrene			1700	1700	5300	1700
PCB	SW846-3550B/8082	mg/Kg				
PCB 1016	5,00,000002,0002		Not detected	0.02	Not detected	0.20
PCB 1221			Not detected	0.02	Not detected	0.20
PCB 1232			Not detected	0.02	Not detected	0.20
PCB 1232			Not detected	0.02	Not detected	0.20
PCB 1248			Not detected	0.02	Not detected	0.20
PCB 1254			Not detected	0.02	2.72	0.20
PCB 1260	· · · · · · · · · · · · · · · · · · ·		Not detected	0.02	1.51	0.20
PCB. Total			Not detected	0.02	4.23	0.20
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			5490	1.00	12300	1.00
Antimony			Not detected	1.00	27.3	1.00
Arsenic		<u>}</u>	12.0	1.00	23.0	1.00
Barium		r	198	1.00	310	1.00
Bervllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	30.7	0.500
Calcium			9800	2.00	13900	2.00
Chromium			17.0	0.500	84.8	0.500
Cobalt			6.84	1.00	37.8	1.00
Copper			118	1.00	1570	1.00
Iron			19000	1.00	38200	1.00
Lead			794	1.00	1200	1.00
Magnesium		1	1940	2.00	2900	2.00
Manganese			581	1.00	446	1.00
Nickel		1	9.60	1.00	109	1.00
Potassium			820	3.00	13900	3.00
Selenium		1	5.39	1.00	8.82	1.00
Silver			Not detected	1.00	4.70	1.00
Sodium	1		1510	5.00	6570	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			20.2	2.00	36.7	2.00
Zinc		1	453	2.00	2740	2.00
Mercury	SW846-7471	mg/kG	2.54	0.10	1.55	0.10

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Client Sample ID			SB-17B		SB-20A	
York Sample ID			03110609-05		03110609-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde	·····		Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor		-	Not detected	10	Not detected	10
Heptachlor epoxide	·····		Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1 1 1.2-Tetrachloroethane		<u></u>	Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1 2 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1.1.2-Trichloroethane	······································	+	Not detected	5.0	Not detected	5.0
1.1-Dichloroethane			Not detected	5.0	Not detected	5.0
1.1-Dichloroethylene		1	Not detected	5.0	Not detected	5.0
1.1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1.2.3-Trichlorobenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1.2.3-Trichloropropane			Not detected	5.0	Not detected	5.0
1.2.3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1.2-Dibromoethane			Not detected	5.0	Not detected	5.0
1.2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1.2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2-Dichloropropane			Not detected	5.0	Not detected	5.0
1.3.5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.3-Dichlorobenzene		<u> </u>	Not detected	5.0	Not detected	5.0
1.3-Dichloropropane		+	Not detected	5.0	Not detected	5.0
1.4-Dichlorobenzene	····	1	Not detected	5.0	Not detected	5.0
1-Chlorohexane		1	Not detected	5.0	Not detected	5.0
2.2-Dichloropropane	<u> </u>	+	Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene		1	Not detected	5.0	Not detected	5.0
Benzene		<u> </u>	Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane		<u> </u>	Not detected	5.0	Not detected	5.0
Bromodichloromethane	•		Not detected	5.0	Not detected	5.0

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Client Sample ID			SB-17B		SB-20A	
York Sample ID			03110609-05	<u></u>	03110609-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
ais 1.2 Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomothono			Not detected	5.0	Not detected	5.0
Diotomonieurane			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
Etnylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene	,		Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			Not detected	330	490 J	1700
Acenaphthylene			Not detected	330	Not detected	1700
Anthracene			Not detected	330	1200 J	1700
Benzo[a]anthracene			69 J	330	1900	1700
Benzo[a]pyrene			Not detected	330	1500 J	1700
Benzo[b]fluoranthene			53 J	330	1500 J	1700
Benzo[g,h,i]perylene			Not detected	330	490 J	1700
Benzo[k]fluoranthene			64 J	330	1400 J	1700
Chrysene			72 J	330	2000	1700
Dibenz[a,h]anthracene		1	Not detected	330	Not detected	1700
Fluoranthene	· · · · ·	1	140 J	330	5000	1700
Fluorene			Not detected	330	630 J	1700
Indeno[1,2,3-cd]pvrene			Not detected	330	500 J	1700
Naphthalene			Not detected	330	360 J	1700
Phenanthrene			79 1	330	4700	1700
Pyrene		+	140 I	330	4300	1700
PCR	SW846-3550B/8082	mø/K o				
PCB 1016	5 11 0 10 33300/0002		Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCP 1222	· · · · ·	-	Not detected	0.02	Not detected	0.02
1 CD 1434	1	<u> </u>	1 INUL DELECIED	0.02	1 Not detected	1 0.02

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Client Sample ID	· · · · · · · · · · · · · · · · · · ·		SB-17B		SB-20A	
York Sample ID			03110609-05		03110609-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	0.07	0.02
PCB 1260			Not detected	0.02	0.05	0.02
PCB, Total			Not detected	0.02	0.12	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			8720	1.00	6400	1.00
Antimony			Not detected	1.00	1.04	1.00
Arsenic			4.62	1.00	21.2	1.00
Barium			79.3	1.00	138	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	0.56	0.500
Calcium			19300	2.00	8370	2.00
Chromium			15.2	0.500	39.8	0.500
Cobalt			15.5	1.00	31.8	1.00
Copper			23.1	1.00	378	1.00
Iron			12300	1.00	21500	1.00
Lead			27.9	1.00	468	1.00
Magnesium			3990	2.00	2840	2.00
Manganese			214	1.00	298	1.00
Nickel			33.3	1.00	23.7	1.00
Potassium			3630	3.00	888	3.00
Selenium			4.01	1.00	7.87	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			401	5.00	3890	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			18.6	2.00	18.6	2.00
Zinc			124	2.00	1670	2.00
Mercury	SW846-7471	mg/kG	0.32	0.10	1.08	0.10

Units Key:

T PROPERTY OF A DESCRIPTION

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

#### Notes for York Project No. 03110609

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.

3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.

4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

5. All samples were received in proper condition for analysis with proper documentation.

6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:\_\_\_\_\_ Robert Q. Bradley Managing Director

Date: 12/10/2003



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# **Technical Report**

prepared for

#### Enviroscience Consultants, Inc. 33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

Report Date: 12/18/2003 Re: Client Project ID: DEP/Soil/Continued SDG-2 from 11/19; Maspeth, NY York Project No.: 03110610

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ONE RESEARCH DRIVE

STAMFORD, CT 06906 (203) 325-1371 FA Page 1 of 29

FAX (203) 357-0166

NC-NYCDEP-00000540

#### Report Date: 12/18/2003 Client Project ID: DEP/Soil/Continued SDG-2 from 11/19; Maspeth, NY York Project No.: 03110610

#### Enviroscience Consultants, Inc.

33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

#### Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 11/21/03. The project was identifed as your project "DEP/Soil/Continued SDG-2 from 11/19; Maspeth, NY."

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			SB-12A		SB-12B	
York Sample ID			03110610-01		03110610-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10

#### Analysis Results



Client Sample ID			SB-12A		SB-12B	
York Sample ID			03110610-01		03110610-02	
Matrix	· · · · · · · · · · · · · · · · · · ·		SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1.1.1.2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1.1.1-Trichloroethane			Not detected	5.0	Not detected	5.0
1.1.2.2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1.1.2-Trichloroethane			Not detected	5.0	Not detected	5.0
1.1-Dichloroethane	······	1	Not detected	5.0	Not detected	5.0
1.1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1.1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1.2.3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.3-Trichloropropane			Not detected	5.0	Not detected	5.0
1.2.3-Trimethylbenzene	·····		Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2-Dibromo-3-chloropropane	·····		Not detected	5.0	Not detected	5.0
1.2-Dibromoethane		-	Not detected	5.0	Not detected	5.0
1.2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.2-Dichloroethane	· · · ·	+	Not detected	5.0	Not detected	5.0
1.2-Dichloroethylene (Total)		+	Not detected	5.0	Not detected	5.0
1.2-Dichloropropane		1	Not detected	5.0	Not detected	5.0
1 3 5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.3-Dichlorobenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1.3-Dichloropropane			Not detected	5.0	Not detected	5.0
1.4-Dichlorobenzene		+	Not detected	5.0	Not detected	5.0
1-Chlorohexane		1	Not detected	5.0	Not detected	5.0
2.2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene		-	Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride		+	Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene		+	Not detected	5.0	Not detected	5.0
Dibromochloromethane	1	1	Not detected	5.0	Not detected	5.0
Dibromomethane		1	Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene		1	Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride		1	Not detected	5.0	Not detected	5.0
Naphthalene		+	Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0

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Client Sample ID			SB-12A		SB-12B	
York Sample ID			03110610-01		03110610-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
n- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans_1 3-Dichloronronylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinul chloride			Not detected	5.0	Not detected	5.0
Polynylean Aromatia Hydrog (BN)	SW846-8270	ug/kG				
Polynuclear Aromatic Hydroc.(BN)	5 W 040-0270	ug/KO	Not detected	330	Not detected	330
Acenaphthelene	·····		Not detected	330	Not detected	330
Acenaphinylene			75 I	330	Not detected	330
Anthracene			220	330		330
Benzolajanuracene	· · · · · · · · · · · · · · · · · · ·		180 1	330	53 J	330
Benzo[a]pyrene			180 J	330	Not detected	220
Benzolbjiluorantnene			130 J	220	Not detected	220
Benzo[g,h,1]perylene			100 J	220	Not detected	220
Benzo[k]fluoranthene			160 J	330	55 J	220
Chrysene			Z40	330	02 J	220
Dibenz[a,n]anthracene			Not detected	220	120 I	220
Fluoranthene			480 Not detected	220	120 J	220
Fluorene			Not detected	220	Not detected	220
Indeno[1,2,3-cd]pyrene				330	Not detected	220
Naphthalene				330	Not detected	220
Phenanthrene			230 3	330	03 J	220
Pyrene	GIVID 4 C 0 5 50 D 10000	18.8	450	330	120 J	330
РСВ	SW846-3550B/8082	mg/Kg			 NT-4 1-441	
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1260			Not detected	0.02	Not detected	0.02
PCB, Total			Not detected	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			4970	1.00	3390	1.00
Antimony			Not detected	1.00	Not detected	1.00
Arsenic		ļ	2.07	1.00	1.65	1.00
Barium			43.7	1.00	40.3	1.00
Beryllium		ļ	Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			1990	2.00	5340	2.00
Chromium			014.0	0.500	8.84	0.500
Cobalt			4.37	1.00	5.62	1.00
Copper			22.5	1.00	12.3	1.00
Iron			18600	1.00	11400	1.00

Client Sample ID			SB-12A		SB-12B	
York Sample ID			03110610-01		03110610-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead			11.7	1.00	7.40	1.00
Magnesium			2110	2.00	2860	2.00
Manganese			414	1.00	275	1.00
Nickel			5.60	1.00	7.41	1.00
Potassium			923	3.00	765	3.00
Selenium			4.86	1.00	3.19	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			787	5.00	430	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			20.3	2.00	15.7	2.00
Zinc			39.3	2.00	28.9	2.00
Mercury	SW846-7471	mg/kG	0.11	0.10	Not detected	0.10

Client Sample ID			SB-11A		SB-11B	
York Sample ID			03110610-03		03110610-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			11.7	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			26.8	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			732	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane		1	Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane		1	Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0



Client Sample ID			SB-11A		SB-11B	
York Sample ID			03110610-03		03110610-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene	·····		Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene		-	Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			Not detected	1700	Not detected	330

Client Sample ID			SB-11A		SB-11B	
York Sample ID			03110610-03		03110610-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Acenaphthylene			Not detected	1700	Not detected	330
Anthracene			500 J	1700	Not detected	330
Benzo[a]anthracene			1500 J	1700	Not detected	330
Benzo[a]pyrene			1400 J	1700	Not detected	330
Benzo[b]fluoranthene			1600 J	1700	Not detected	330
Benzolg h ilpervlene			440 J	1700	Not detected	330
Benzolklfluoranthene			1600 J	1700	Not detected	330
Chrysene			1700	1700	Not detected	330
Dibenz[a h]anthracene			Not detected	1700	Not detected	330
Fluoranthene			2800	1700	Not detected	330
Fluorene			Not detected	1700	Not detected	330
Indeno[1.2.3-cd]pyrene	· · · · · · · · · · · · · · · · · · ·		570 J	1700	Not detected	330
Naphthalene			Not detected	1700	Not detected	330
Dhenanthrene	<u>+</u>		2000	1700	Not detected	330
Pyrene			2500	1700	Not detected	330
PCB	SW846-3550B/8082	mg/Kg	2500			
PCB 1016	3 W 0 40 - 3 5 3 0 D/ 0 0 0 2	1115/115	Not detected	0.02	Not detected	0.02
PCB 1010	· · · · · ·		Not detected	0.02	Not detected	0.02
DCB 1221	. <u>.</u> .		Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1200			Not detected	0.02	Not detected	0.02
Motole Torget Applyte List(TAL)	SW846-6010	ma/ka				
Metals, Target Analyte List(TAL)	5 10 -00 10	IIIg/ Kg	5690	1.00	3150	1.00
Antimony			Not detected	1.00	Not detected	1 00
Antimony	· · · · ·	<u> </u>	5 57	1.00	1 36	1.00
Parium			340	1.00	27.5	1.00
Barium			Not detected	0.500	Not detected	0.500
Cadmium			0.72	0.500	Not detected	0.500
Calaium			43200	2.00	1500	2.00
Chromium			15.4	0.500	7 78	0.500
Cilioinium			3.07	1.00	4.04	1.00
Coont			558	1.00	8.89	1.00
Copper			8400	1.00	7700	1.00
	+		401	1.00	3 71	1.00
Lead		·	6200	2.00	1710	2.00
Magnesium			200	1.00	123	1.00
Nianganese		+	125	1.00	6.21	1.00
INICKEI		+	502	2.00	0.51	3.00
Potassium			2 20	1.00	1 Q1	1.00
Selenium			L.3U	1.00	1.01 Not detected	1.00
Silver		+	Not detected	1.00		5.00
Sodium			1090	5.00	Z//	3.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			14.4	2.00	10.6	2.00
Zinc			357	2.00	22.3	2.00
Mercury	SW846-7471	mg/kG	1.11	0.10	0.27	0.10

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Client Sample ID			MW-5A		MW-5B	
York Sample ID			03110610-05		03110610-06	
Matrix	·····		SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			10.8	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			1100	50	120	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			20.7	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene	··· · · ···		Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0

Contraction of the

Client Sample ID MW-	-5A	MW-5B	
York Sample ID 031106	10-05	03110610-06	
Matrix SOI	IL I	SOIL	
Parameter Method Units Resu	ilts MDL	Results	MDL
Bromoform Not det	tected 5.0	Not detected	5.0
Bromomethane Not det	tected 5.0	Not detected	5.0
Carbon tetrachloride Not det	tected 5.0	Not detected	5.0
Chlorobenzene Not det	tected 5.0	Not detected	5.0
Chloroethane Not det	tected 5.0	Not detected	5.0
Chloroform Not det	tected 5.0	Not detected	5.0
Chloromethane Not det	tected 5.0	Not detected	5.0
cis-1.3-Dichloropropylene Not det	tected 5.0	Not detected	5.0
Dibromochloromethane Not det	tected 5.0	Not detected	5.0
Dibromomethane Not det	tected 5.0	Not detected	5.0
Dichlorodifluoromethane Not det	tected 5.0	Not detected	5.0
Ethylbenzene Not det	tected 5.0	Not detected	5.0
Hexachlorobutadiene Not det	tected 5.0	Not detected	5.0
Isopropylbenzene Not det	tected 5.0	Not detected	5.0
Methylene chloride Not det	tected 5.0	Not detected	5.0
Naphthalene Not det	tected 5.0	Not detected	5.0
n-Butylbenzene Not det	tected 5.0	Not detected	5.0
n-Propylhenzene Not det	tected 5.0	Not detected	5.0
o-Xvlene Not de	tected 5.0	Not detected	5.0
n- & m-Xylenes Not de	tected 5.0	Not detected	5.0
n-Isopropyltoluene Not de	tected 5.0	Not detected	5.0
sec-Butylbenzene Not de	tected 5.0	Not detected	5.0
Styrene Not de	tected 5.0	Not detected	5.0
tert-Butylbenzene Not de	tected 5.0	Not detected	5.0
Tetrachloroethylene Not de	tected 5.0	Not detected	5.0
Toluene Not de	tected 5.0	Not detected	5.0
trans-1.3-Dichloropropylene Not de	tected 5.0	Not detected	5.0
Trichloroethylene Not de	tected 5.0	Not detected	5.0
Trichlorofluoromethane Not de	tected 5.0	Not detected	5.0
Vinyl chloride Not de	tected 5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN) SW846-8270 ug/kG			
Acenaphthene 8500	DJE 17000	810 J	1700
Acenaphthylene Not de	tected 17000	Not detected	1700
Anthracene 1700	00 E 17000	2000	1700
Benzo[a]anthracene 4800	00 E 17000	4300	1700
Benzo[a]pyrene 3500	00 E 17000	3400	1700
Benzo[b]fluoranthene 3900	00 E 17000	3000	1700
Benzo[g,h,i]pervlene 5000	0 JE 17000	870 J	1700
Benzo[k]fluoranthene 4100	00 E 17000	3100	1700
Chrysene 5300	DO E 17000	4800	1700
Dibenzfa,hlanthracene 2700	0 JE 17000	470 J	1700
Fluoranthene 7900	DO E 17000	7400	1700
Fluorene 860	0 JE 17000	1100 J	1700
Indeno[1.2.3-cd]pyrene 650	0 JE 17000	1200 J	1700
Naphthalene 470	0 JE 17000	580 J	1700
Phenanthrene 6400	00 E 17000	7100	1700
Pvrene 700	00 E 17000	6500	1700
PCB SW846-3550B/8082 mg/Kg			
PCB 1016 Not de	etected 0.02	Not detected	0.02
PCB 1221 Not de	etected 0.02	Not detected	0.02
PCB 1232 Not de	etected 0.02	Not detected	0.02

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Client Sample ID			MW-5A		MW-5B	
York Sample ID			03110610-05		03110610-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1260			Not detected	0.02	Not detected	0.02
PCB, Total			Not detected	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			9890	1.00	31500	1.00
Antimony			4.82	1.00	69.5	1.00
Arsenic			7.39	1.00	5.71	1.00
Barium			480	1.00	1820	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			2.93	0.500	10.5	0.500
Calcium			28200	2.00	23300	2.00
Chromium			216	0.500	589	0.500
Cobalt			322	1.00	3680	1.00
Copper			1920	1.00	6560	1.00
Iron			74600	1.00	1400	1.00
Lead			860	1.00	2840	1.00
Magnesium			8250	2.00	13200	2.00
Manganese			589	1.00	1070	1.00
Nickel			47.1	1.00	172	1.00
Potassium			1820	3.00	4990	3.00
Selenium			12.0	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			23100	5.00	94800	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			52.3	2.00	104	2.00
Zinc			8210	2.00	18100	2.00
Mercury	SW846-7471	mg/kG	0.43	0.10	0.22	0.10

Client Sample ID			SB-13A		SB-13B	
York Sample ID			03110610-07		03110610-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			60.4	10	Not detected	10
4,4'-DDE			15.4	10	Not detected	10
4,4'-DDT			30.6	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			505	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10

Client Sample ID			SB-13A		SB-13B	
York Sample ID			03110610-07		03110610-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0

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Client Sample ID			SB-13A		SB-13B	
Vork Sample ID			03110610-07		03110610-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
n- & m-Xylenes			Not detected	5.0	Not detected	5.0
n-Isopropyltoluepe			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachioroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans 1.3 Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Vinyt chloride	SW846-8270	ug/kG				
Polynuclear Aromatic Hydroc.(BI()	5 10 -0270	ug/RO	Not detected	330	Not detected	330
Acenaphthelene	·····		Not detected	330	Not detected	330
Acenaphunylene			100 I	330	Not detected	330
Antinracene		···	200 J	330	Not detected	330
Benzolajanthracene			240 J	330	Not detected	330
Benzo[a]pyrene	·····		240 J	330	Not detected	330
Benzolbjfluoranthene			220 J	220	Not detected	330
Benzo[g,n,1]perylene			250 I	330	Not detected	330
Benzo[k]fluorantnene			230 3	330	Not detected	330
Chrysene			Not detected	330	Not detected	330
Dibenz[a,n]anthracene			Not detected	330	Not detected	330
Fluorantnene		+	Not detected	330	Not detected	330
Fluorene	··· · · · · · · · · · · · · · ·		Not detected	330	Not detected	330
Indeno[1,2,3-cd]pyrene	· · · · · · · · · · · · · · · · · · ·		02 J	220	Not detected	330
Naphthalene	· · · · · · · · · · · · · · · · · · ·		Not delected	220	Not detected	330
Phenanthrene			430	330	Not detected	220
Pyrene	CN1046 2550D/0002	177	490	330	Not detected	330
РСВ	SW846-3550B/8082	mg/Kg				0.02
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242		<u> </u>	Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1260			Not detected	0.02	Not detected	0.02
PCB, Total		<u> </u>	Not detected	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum		<b> </b>	2400	1.00	3050	1.00
Antimony			Not detected	1.00	Not detected	1.00
Arsenic			2.40	1.00	Not detected	1.00
Barium		L	839	1.00	41.3	1.00
Beryllium		<u> </u>	Not detected	0.500	Not detected	0.500
Cadmium			0.67	0.500	Not detected	0.500
Calcium		1	518	2.00	8360	2.00
Chromium			9.83	0.500	6.71	0.500
Cobalt			3.43	1.00	4.33	1.00

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Client Sample ID			SB-13A		SB-13B	
York Sample ID			03110610-07		03110610-08	l
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Copper			27.0	1.00	9.55	1.00
Iron			6450	1.00	69.3	1.00
Lead			188	1.00	3.89	1.00
Magnesium			1350	2.00	4450	2.00
Manganese		T	107	1.00	209	1.00
Nickel		1	5.51	1.00	6.63	1.00
Potassium			458	3.00	815	3.00
Selenium			1.59	1.00	1.80	1.00
Silver		-	Not detected	1.00	Not detected	1.00
Sodium			2720	5.00	294	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			8.13	2.00	8.94	2.00
Zinc			1160	2.00	34.3	2.00
Mercury	SW846-7471	mg/kG	0.26	0.10	Not detected	0.10

Client Sample ID			SB-14A	
York Sample ID			03110610-09	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg		
4,4'-DDD			Not detected	10
4,4'-DDE			Not detected	10
4,4'-DDT			Not detected	10
Aldrin			Not detected	10
alpha-BHC			Not detected	10
beta-BHC			Not detected	10
Chlordane			89.2	50
delta-BHC			Not detected	10
Dieldrin			Not detected	10
Endosulfan I			Not detected	10
Endosulfan II			Not detected	10
Endosulfan sulfate			Not detected	10
Endrin			Not detected	10
Endrin aldehyde			Not detected	10
gamma-BHC (Lindane)			Not detected	10
Heptachlor			Not detected	10
Heptachlor epoxide			Not detected	10
Methoxychlor			Not detected	50
Toxaphene			Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg		
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0



Client Sample ID	<u> </u>		SB-14A	
York Sample ID			03110610-09	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,2,3-Trimethylbenzene			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1.2.4-Trimethylbenzene			Not detected	5.0
1.2-Dibromo-3-chloropropane			Not detected	5.0
1.2-Dibromoethane			Not detected	5.0
1.2-Dichlorobenzene			Not detected	5.0
1.2-Dichloroethane			Not detected	5.0
1.2-Dichloroethylene (Total)	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0
1.2-Dichloropropane			Not detected	5.0
1.3.5-Trimethylbenzene			Not detected	5.0
1.3-Dichlorobenzene			Not detected	5.0
1.3-Dichloropropane			Not detected	5.0
1.4-Dichlorobenzene			Not detected	5.0
1-Chlorohexane	<u> </u>		Not detected	5.0
2.2-Dichloropropane			Not detected	5.0
2-Chlorotoluene	· · · · · · · · · · · · · · · · ·		Not detected	5.0
4-Chlorotoluene			Not detected	5.0
Benzene			Not detected	5.0
Bromobenzene			Not detected	5.0
Bromochloromethane			Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1 3-Dichloropropylene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dibromomethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			Not detected	5.0
Heyachlorobutadiene			Not detected	5.0
Isopropylbenzene			Not detected	5.0
Methylene chloride			Not detected	5.0
Nanhthalene	·····		Not detected	5.0
n-Butylbenzene			Not detected	5.0
n-Dropylbenzene			Not detected	5.0
o-Yvlene			Not detected	5.0
n & m-Yylenes			Not detected	5.0
p- & m-Aytenes			Not detected	5.0
p-isopropynolucite sec_Butylbenzene			Not detected	5.0
Sturane			Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tatrachloroathylana			Not detected	5.0
Toluene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0
trans 1.3 Dichloronronylanc			Not detected	5.0
Trichloroethylono			Not detected	5.0
Trichloroffucromethone			Not detected	50
Viewel ablanida	<u> </u>		Not detected	5.0
v myi chioride			Not detected	5.0

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Client Sample ID			SB-14A	
York Sample ID			03110610-09	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG		
Acenaphthene			100 J	660
Acenaphthylene			Not detected	660
Anthracene			320 J	660
Benzo[a]anthracene			960	660
Benzolalpyrene			870	660
Benzolblfluoranthene		· · ·	750	660
Benzo[g,h,i]pervlene			130 J	660
Benzo[k]fluoranthene			1100	660
Chrysene			1100	660
Dibenz[a,h]anthracene			Not detected	660
Fluoranthene			1800	660
Fluorene		1	110 I	660
Indeno[1.2.3-cd]nyrene			190 I	660
Nanhthalene			230 J	660
Phenanthrene		·	1300	660
Dyrene			1700	660
PCB	SW846-3550B/8082	ma/Ka	1700	000
PCB 1016	3 W 040-3330D/8002		Not detected	0.02
PCB 1010			Not detected	0.02
PCB 1221			Not detected	0.02
PCB 1232			Not detected	0.02
PCD 1242			0 10	0.02
PCB 1240			0.19	0.02
PCP 1254			0.21	0.02
PCB Total			0.25	0.02
Motols Target Applyte List(TAL)	SW846 6010	ma/ka	0.05	0.02
Aluminum	5 W 040-0010	ing/kg	4900	1.00
Antimony			Not detected	1.00
Arsenic			6.26	1.00
Barium			180	1.00
Barulium	· · · · · · · · · · · · · · · · · · ·	+	Not detected	0.500
Cedmium			0.89	0.500
Calcium			5610	2.00
Chromium			13.4	0.500
Cobalt			12.2	1.00
Copper		+	80.0	1.00
Iron			10300	1.00
Lead			185	1.00
Magnesium			1480	2.00
Magnese			133	1.00
Niakal		1	133	1.00
Potassium		+	380	3.00
Selenjum		1	2 50	1.00
Cilvan	+	+	2.JU	1.00
Silver Codium	+		1000	5.00
		<u> </u>	1000	3.00
Vanadium	+		12 º	2.00
			13.8	2.00
Monover	SW046 7471	melleC	409	2.00
ivier cur y	J 3W040-/4/1	I mg/KO	0.14	1 0.10


Client Sample ID			SB-14B		SB-15A	
York Sample ID			03110610-10		03110610-11	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT	· · · · · · · · · · · · · · · · · · ·		27.5	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			84.4	50	265	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II	· · · · · · · · · · · · · · · ·		Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehvde	<u> </u>		Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor		<u>+</u>	Not detected	50	Not detected	50
Toxanhene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1 1 1 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1 1 1-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1 2 2-Tetrachloroethane		1	Not detected	5.0	Not detected	5.0
1 1 2-Trichloroethane			Not detected	5.0	Not detected	5.0
1.1-Dichloroethane			Not detected	5.0	Not detected	5.0
1.1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1.1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1 2.3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.3-Trichloropropane			Not detected	5.0	Not detected	5.0
1 2 3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1 2 4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1 2 4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2-Dibromo-3-chloropropage			Not detected	5.0	Not detected	5.0
1.2-Dibromoethane			Not detected	5.0	Not detected	5.0
1 2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.2-Dichloroethane			Not detected	5.0	Not detected	5.0
1 2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2-Dichloropropane	<u>}</u>		Not detected	5.0	Not detected	5.0
1 3 5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1 3-Dichlorobenzene		1	Not detected	5.0	Not detected	5.0
1 3-Dichloropropane			Not detected	5.0	Not detected	5.0
1.4-Dichlorobenzene		*	Not detected	5.0	Not detected	5.0
1-Chlorobexane	+		Not detected	5.0	Not detected	5.0
2 2-Dichloronronane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane		1	Not detected	5.0	Not detected	5.0

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Client Sample ID			SB-14B		SB-15A	
York Sample ID			03110610-10		03110610-11	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1 3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Nanhthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Butytoonzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
n_ & m_Xylenes		<u></u> .	Not detected	5.0	Not detected	5.0
n-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec_Butylbenzene	· · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1 3-Dichloronronylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc (BN)	SW846-8270	ug/kG				
Acenaphthene			Not detected	1700	Not detected	3300
Acenaphthylene			Not detected	1700	Not detected	3300
Anthracene	· · · · · · · · · · · · · · · · · · ·		380 J	1700	530 J	3300
Benzolalanthracene			1100 J	1700	1600 J	3300
Benzolalpyrene			1100 J	1700	1500 J	3300
Benzo[b]fluoranthene			900 J	1700	1900 J	3300
Benzolg h ilnervlene	· · · · · · · · · · · · · · · · · · ·		Not detected	1700	670 J	3300
Benzo[k]fluoranthene			1300 J	1700	1700 J	3300
Chrysene			1400 J	1700	2200 J	3300
Dibenz[a h]anthracene			Not detected	1700	Not detected	3300
Fluoranthene			2100	1700	3700	3300
Fluorene			Not detected	1700	Not detected	3300
Indeno[1 2 3-cd]nyrene			Not detected	1700	810 J	3300
Nanhthalene			780 I	1700	Not detected	3300
Phenanthrene		<u> </u>	1600 J	1700	2400 J	3300
Pyrana		<u> </u>	1900	1700	3400	3300
	SW846-3550B/8082	mo/K o				
DCB 1016	0 11 0 - 0 - 55 50 D/ 0002	1	Not detected	0.02	Not detected	0.02
PCB 1010		+	Not detected	0.02	Not detected	0.02
FUD 1221	1	1	1 de de le cice de la	0.02		

Client Sample ID			SB-14B		SB-15A	
York Sample ID			03110610-10		03110610-11	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			0.32	0.02	Not detected	0.02
PCB 1254			0.19	0.02	0.45	0.02
PCB 1260			0.08	0.02	0.16	0.02
PCB, Total			0.59	0.02	0.61	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg				
Aluminum			5510	1.00	6650	1.00
Antimony	· · · · · · · · · · · · · · · · · · ·		Not detected	1.00	13.0	1.00
Arsenic			7.18	1.00	10.8	1.00
Barium			241	1.00	367	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			1.05	0.500	30.6	0.500
Calcium			8540	2.00	9940	2.00
Chromium			17.4	0.500	84.3	0.500
Cobalt			6.30	1.00	99.1	1.00
Copper			7290	1.00	1120	1.00
Iron			11100	1.00	40400	1.00
Lead			172	1.00	810	1.00
Magnesium			1710	2.00	3120	2.00
Manganese			162	1.00	347	1.00
Nickel			11.4	1.00	54.7	1.00
Potassium			463	3.00	855	3.00
Selenium			2.85	1.00	8.32	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			930	5.00	10800	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			16.6	2.00	35.9	2.00
Zinc			340	2.00	4470	2.00
Mercury	SW846-7471	mg/kG	0.40	0.10	0.60	0.10

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Client Sample ID		_	SB-15B		SB-16A	
York Sample ID			03110610-12		03110610-13	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	538	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10



Client Sample ID			SB-15B		SB-16A	
York Sample ID			03110610-12		03110610-13	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg				
1 1 1 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1 1 1-Trichloroethane			Not detected	5.0	Not detected	5.0
1 1 2 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2 Teichloroethane		-	Not detected	5.0	Not detected	5.0
1 1-Dichloroethane			Not detected	5.0	Not detected	5.0
1 1-Dichloroethylene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1 1-Dichloropropylene		1	Not detected	5.0	Not detected	5.0
1.2.3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.3-Trichloropropage			Not detected	5.0	Not detected	5.0
1.2.3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2. Dibromo-3-chloropropage		_	Not detected	5.0	Not detected	5.0
1.2 Dibromoethane			Not detected	5.0	Not detected	5.0
1.2 Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.2 Dichloroethane			Not detected	5.0	Not detected	5.0
1.2 Dichloroothylene (Total)			Not detected	5.0	Not detected	5.0
1.2 Dichloropropage			Not detected	5.0	Not detected	5.0
1.2.5 Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3,5-11 Interny local Zene			Not detected	5.0	Not detected	5.0
1.3 Dichloropropane			Not detected	5.0	Not detected	5.0
1.4 Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobevane			Not detected	5.0	Not detected	5.0
2.2 Dichloropropage			Not detected	5.0	Not detected	5.0
2,2-Dichlorophopalic			Not detected	5.0	Not detected	5.0
2-Chlorotoluciic			Not detected	5.0	Not detected	5.0
4-Chiofotoldene Bonzone			Not detected	5.0	Not detected	5.0
Beinzene			Not detected	5.0	Not detected	5.0
Dramachloromethono			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	$\frac{5.0}{5.0}$	Not detected	5.0
Bromodicinoromethane			Not detected	5.0	Not detected	5.0
Dismomethene			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	$\frac{5.0}{5.0}$	Not detected	5.0
Carbon tetracmonde			Not detected	5.0	Not detected	5.0
Chlorosthana			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloromothere			Not detected	50	Not detected	5.0
			Not detected	5.0	Not detected	5.0
cis-1,3-Dicnioropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane	+		Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Etnylbenzene	<u>+</u>		Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene	1		Not detected	<u> </u>	INOT detected	1 3.0

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Client Sample ID			SB-15B		SB-16A	
York Sample ID			03110610-12		03110610-13	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xvlene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1 3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinvl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc (BN)	SW846-8270	ug/kG				
Acenanhthene			Not detected	330	Not detected	1700
Acenaphtholie			Not detected	330	Not detected	1700
Anthracene			Not detected	330	440 J	1700
Benzolalanthracene			99 J	330	1500 J	1700
Benzo[a]nvrene			95 J	330	1200 J	1700
Benzo[b]fluoranthene			74 J	330	1100 J	1700
Benzolg h ilpervlene			77 J	330	790 J	1700
Benzolklfluoranthene	<u></u>		78 J	330	1200 J	1700
Chrysene		·	110 J	330	1700	1700
Dibenz[a h]anthracene			Not detected	330	340 J	1700
Eluoranthene			230 J	330	3200	1700
Fluorene	<u> </u>		Not detected	330	Not detected	1700
Indeno[1.2.3-cd]nyrene			66 J	330	790 J	1700
Nonhthalana	<u> </u>		Not detected	330	Not detected	1700
Dhenanthrene			170 I	330	1800	1700
Pirene			230 1	330	3000	1700
F yrenc	SW846-3550B/8082	ma/Ka				
PCB 1016	<u>5,4,6+0-5550</u> ,0002		Not detected	0.02	Not detected	0.02
PCB 1010			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCP 12/2			Not detected	0.02	Not detected	0.02
PCD 1242			Not detected	0.02	Not detected	0.02
PCD 1240			Not detected	0.02	Not detected	0.02
PCD 1254	ļ		Not detected	0.02	0.22	0.02
PCB 1200	<u> </u>		Not detected	$\frac{0.02}{0.02}$	0.22	0.02
Motole Towart Analyte List(TAL)	SW846-6010	malka				
Aluminum	5 W 0+0-0010	IIIg/Kg	3590	1.00	5060	1.00
Antimony		+	Not detected	1.00	Not detected	1 00
Amania		+	1 86	1.00	645	1.00
Arseme Dovinum	· · · · · · · · · · · · · · · · · · ·		30.5	1.00	153	1.00
Barium Der Wiene		+	Not detected	0.500	Not detected	0 500
Beryllium		+	Not detected	0.500	3 00	0.500
Cadmium			1620	2 00	26500	2 00
	+		1030	0.500	20300	0.500
Chromium	1	.1	12.4	0.500	257	L 0.500

Client Sample ID			SB-15B		SB-16A	
York Sample ID			03110610-12		03110610-13	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Cobalt			7.02	1.00	15.6	1.00
Copper			19.9	1.00	382	1.00
Iron			14100	1.00	16000	1.00
Lead			15.3	1.00	211	1.00
Magnesium			1650	2.00	2710	2.00
Manganese			324	1.00	281	1.00
Nickel			9.22	1.00	18.7	1.00
Potassium			967	3.00	692	3.00
Selenium			3.16	1.00	3.86	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			368	5.00	2260	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			18.2	2.00	14.8	2.00
Zinc			64.1	2.00	939	2.00
Mercury	SW846-7471	mg/kG	0.13	0.10	0.29	0.10

Client Sample ID			SB-16B		MW-6B	
York Sample ID			03110610-14		03110610-15	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			Not detected	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10
Heptachlor epoxide			Not detected	10	Not detected	10
Methoxychlor			Not detected	50	Not detected	50
Toxaphene			Not detected	500	Not detected	_500
Volatiles-8260 list	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0



Client Sample ID			SB-16B		MW-6B	
York Sample ID			03110610-14		03110610-15	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1.2.3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1.2.4-Trichlorobenzene	· · · · · · · · · · · · · · · · · · ·	_	Not detected	5.0	Not detected	5.0
1.2.4-Trimethylbenzene			Not detected	5.0	710	5.0
1.2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1.2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.2-Dichloroethane	······		Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1.2-Dichloropropane			Not detected	5.0	Not detected	5.0
1.3.5-Trimethylbenzene			Not detected	5.0	290	5.0
1.3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1.3-Dichloropropane			Not detected	5.0	Not detected	5.0
1.4-Dichlorobenzene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2 2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene		•	Not detected	5.0	Not detected	5.0
4-Chlorotoluene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane	····		Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1.3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	44	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	56	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			420	5.0	270	5.0
n-Butylbenzene			Not detected	5.0	140	5.0
n-Propylbenzene			Not detected	5.0	36	5.0
o-Xvlene			Not detected	5.0	500	5.0
p- & m-Xylenes			Not detected	5.0	880	5.0
p-Isopropyltoluene			Not detected	5.0	11000	200
sec-Butylbenzene			Not detected	5.0	79	5.0
Stvrene			Not detected	5.0	Not detected	5.0
tert-Butvlbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1.3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethvlene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0

York Sample D     03110610-14     09101-15     SOLL       Matrix     SOLL     SOLL     SOLL     SOLL       Parameter     Method     Units     Results     MDL     Results     MDL       Vinyl chloride     Not detected     5.0     Not detected     5.0     S300       Accanaphthone     Not detected     7000     Not detected     3300       Accanaphthylene     840.1     7000     Not detected     3300       Benzolglanthracene     1800     1700     1300.1     3300       Benzolghulyvene     1800     1700     1500.1     3300       Benzolghulyvene     2400     1700     1500.1     3300       Benzolghulynene     900.1     1700     1700     3300       Dibenz(ah)anthracene     4500     1700     Not detected     3300       Floorene     970.1     1700     780.1     3300       Pitorene     970.1     1700     870.1     3300       Naphthalene     980.1     1700     870.1     3300	Client Sample ID			SB-16B		MW-6B	
Matrix     Port     SOIL     Poly       Parameter     Method     Units     Results     MDL     Results     MDL       Polynicy choride     Not detected     5.0     Not detected     5.0     Not detected     5.0       Accnaphthene     Not detected     1700     660.1     3300       Accnaphthylene     Not detected     1700     1400.1     3300       Matrixeene     2200     1700     1600.1     3300       Benzo[a]abytmee     1600.1     1700     1600.1     3300       Benzo[b]filoranthene     1600.1     1700     1700.1     3300       Benzo[c]filoranthene     1200.1     1700     1200.1     3300       Chrysne     2200.1     1700     1200.1     3300       Dibera[a]binhracene     910.1     1700     Not detected     3300       Flooranthene     4500.1     1700     820.1     3300       Benzo[c]pyrene     970.1     1700     860.1     3300       Not detected     0.02     Not detected     <	Vork Sample ID			03110610-14		03110610-15	
Parameter     Method     Units     Results     MDL     Results     MDL       Vinyl choride     Not detected     5.0     Not detected     5.0       Polyauclear Aromatic Hydroc.(BN)     SW846-8270     ug/k0           Acenaphthylenc     Not detected     1700     Not detected     3300       Acenaphthylenc      1700     1400 J     3300       Benzolalpyrace      1800     1700     1200 J     3300       Benzolalpyrace      1800     1700     1500 J     3300       Benzolalpyrace      1700     1700     1300 J     3300       Benzolalphracene      1700     1700     3300     3300       Chrysene      2400     1700     220 J     3300       Fluorene	Matrix			SOIL		SOIL	
Vinyl chloride     Not detected     5.0     Not detected     5.0       Polynuckar Aromatic Hydroc.(BN)     SW846-8270     ug/kG	Parameter	Method	Units	Results	MDL	Results	MDL
Polynaclear: Aromatic Hydroc.(BN)     SW846-8270     ug/kG	Vinyl chloride			Not detected	5.0	Not detected	5.0
Torpic Hard     Construction     Construction     State     State <thstate< th="">     Sta</thstate<>	Polynuclear Aromatic Hydroc (BN)	SW846-8270	ug/kG				
Accenaphitylene     Not detected     1700     Not detected     1300       Anthracene     840 J     1700     1400 J     3300       Benzo[a]purtne     2200     1700     2100 J     3300       Benzo[a]purtne     1800     1700     100 J     3300       Benzo[a]purtne     900 J     1700     1300 J     3300       Benzo[a]purtne     900 J     1700     1500 J     3300       Chrysene     2400     1700     Not detected     3300       Dibenz[a,h]perylene     900 J     1700     Not detected     3300       Fluorantnene     4500     1700     Not detected     3300       Fluorantnene     280 J     1700     860 J     3300       Pictene     980 J     1700     570 J     3300       Prene     2800     1700     570 J     3300       PCB     SW846-3550B/8082     mg/Kg	Acenanhthene			380 J	1700	660 J	3300
Anthracene     840 J     1700     1400 J     3300       Benzo[a]anthracene     2200     1700     1600 J     3300       Benzo[a]pyrne     1800     1700     1600 J     3300       Benzo[b]fluoranthene     900 J     1700     1301 J     3300       Benzo[b,fluoranthene     900 J     1700     1200 J     3300       Dibenz[A,h]anthracene     2400     1700     1200 J     3300       Dibenz[A,h]anthracene     2510 J     1700     Not deected     3300       Fluoranthene     970 J     1700     Not deected     3300       Naphthene     970 J     1700     780 J     3300       Naphthene     980 J     1700     500 J     3300       Pyrene     2400     1700     500 J     3300       Pyrene     2400     1700     500 J     3300       PCB 1016     mot detected     0.02     Not detected     0.02       PCB 122     Not detected     0.02     Not detected     0.02       PCB 124 <t< td=""><td>Acenaphthylene</td><td></td><td></td><td>Not detected</td><td>1700</td><td>Not detected</td><td>3300</td></t<>	Acenaphthylene			Not detected	1700	Not detected	3300
Benzo[a]mthracene     2200     1700     2100 J     3300       Benzo[a]pyrene     1800     1700     1600 J     3300       Benzo[a]pyrene     600 J     1700     1300 J     3300       Benzo[a]pyrene     900 J     1700     1300 J     3300       Benzo[a]pyrene     900 J     1700     1500 J     3300       Chrysne     2400     1700     Not detected     3300       Dibenz[a,L]ardntracene     510 J     1700     Not detected     3300       Fluorene     970 J     1700     780 J     3300       Naphthalene     980 J     1700     860 J     3300       Pcne     9400     1700     5700 J     3300       Pcne     980 J     1700     860 J     3300       Pcne     SW846-3550B/8082     mg/kg         PCB 1016     Not detected     0.02     Not detected     0.02       PCB 1221     Not detected     0.02     Not detected     0.02       PCB 124     Not detected <td>Anthracene</td> <td></td> <td></td> <td>840 J</td> <td>1700</td> <td>1400 J</td> <td>3300</td>	Anthracene			840 J	1700	1400 J	3300
Data of parts     1800     1700     1600 J     3300       Benzo[b]fluoranthene     1600 J     1700     1700     1300 J     3300       Benzo[k]fluoranthene     900 J     1700     1700     1300 J     3300       Chrysene     2400     1700     2200 J     3300       Dibenz[a,h]anthracene     510 J     1700     2200 J     3300       Fluoranthene     4500     1700     920 J     3300       Indeno[1,2,3-cd]pyrene     970 J     1700     860 J     3300       Naphthalene     970 J     1700     860 J     3300       Proren     4100     1700     860 J     3300       PCB 1016     2400     1700     5700     3300       PCB 1016     2400     1700     800 J     3300       PCB 1231     Not detected     0.02	Benzo[a]anthracene			2200	1700	2100 J	3300
Debugging     1600 1     1700     1300 J     3300       Benzo[b[huorantiene     900 J     1700     710 J     3300       Denzo[b[huorantiene     1700     1700     1200 J     3300       Dibenz[a,h]anthracene     510 J     1700     Not detected     3300       Fluoranthene     4500     1700     S200 J     3300       Fluorene     970 J     1700     780 J     3300       Naphthalene     980 J     1700     860 J     3300       Ptorene     980 J     1700     860 J     3300       Preme     980 J     1700     860 J     3300       Preme     980 J     1700     800 J     3300       PCB     SW846-3550B/802     mg/kg </td <td>Benzo[a]nyrene</td> <td></td> <td></td> <td>1800</td> <td>1700</td> <td>1600 J</td> <td>3300</td>	Benzo[a]nyrene			1800	1700	1600 J	3300
Deta:/jprime     900.1     1700     710.J     3300       Benzolg.h.jperylene     1700     1700     1500.J     3300       Chrysene     2400     1700     2200.J     3300       Dibenzla,hjanthracene     510.J     1700     5200.J     3300       Fluoranthene     4500.J     1700.S200.J     3300       Indeno[1,2,3-cd]pyrene     970.J     1700.S80.J     3300       Naphthalene     980.J     1700.S00.J     3300       Phenanthrene     2400.T700.S700.S00.J     3300       Pyrene     4100.T700.S700.S00.J     3300       PCB 1016     Not detected     0.02.Not detected     0.02       PCB 121     Not detected     0.02.Not detected     0.02       PCB 122     Not detected     0.02.Not detected     0.02       PCB 1242     Not detected     0.02.Not detected     0.02       PCB 1248     Not detected     0.02.Not detected     0.02       PCB 1248     Not detected     0.02.Not detected     0.02       PCB 1248     Not detected     0.02.Not detected </td <td>Benzo[b]fluoranthene</td> <td></td> <td></td> <td>1600 J</td> <td>1700</td> <td>1300 J</td> <td>3300</td>	Benzo[b]fluoranthene			1600 J	1700	1300 J	3300
Demock/fluoranitene     1700     1700     1500 J     3300       Chrysene     2400     1700     2200 J     3300       Dibenz(k]hluoranithene     510 J     1700     Not detected     3300       Fluorente     510 J     1700     5200 J     3300       Fluorente     510 J     1700     520 J     3300       Naphthalene     970 J     1700     780 J     3300       Preme     2400     1700     860 J     3300       Pyrene     4400     1700     5000 J     3300       PCB     SW846-3550B/8082     mg/kg          PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1221     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1245     0.37     0.02     Not detected     0.02     Not detected	Benzo[g h i]nervlene			900 J	1700	710 J	3300
Demographic     2400     1700     2200 J     3300       Dibenz[a,h]anthracene     510 J     1700     Not detected     3300       Fhuoranthene     4500 1700     5200 J     3300       Indeno[1,2,3-cd]pyrene     970 J     1700 700 780 J     3300       Naphthalene     980 J     1700 860 J     3300       Phenanthrene     2400 1700 5700 3300     3300       Pyrene     4100 1700 5700 3300     3300       PCB 1016     Not detected     0.02     Not detected     0.02       PCB 121     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02       PCB 1244     Not detected     0.02     Not detected     0.02       PCB 1244     Not detected     0.02     Not detected     0.02       PCB 1244     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02 <td>Benzo[k]fluoranthene</td> <td></td> <td></td> <td>1700</td> <td>1700</td> <td>1500 J</td> <td>3300</td>	Benzo[k]fluoranthene			1700	1700	1500 J	3300
Dibenzia, hjanithracene     \$10.J     1700     Not detected     3300       Fluorantene     4500     1700     \$20.J     3300       Indeno[1,2,3-cd]pyrene     970.J     1700     780.J     3300       Napitulalene     980.J     1700     780.J     3300       Phenanthrene     2400     1700     586.J     3300       Pyrene     4400     1700     500.J     3300       PCB     SW846-3550B/8082     mg/Kg   -	Chrysene			2400	1700	2200 J	3300
Dotation     Provide     4500     1700     5200     3300       Fluoranthene     510 J     1700     920 J     3300       Indeno[1,2,3-cd]pyrene     970 J     1700     860 J     3300       Naphthalene     980 J     1700     860 J     3300       Phenanthrene     2400     1700     5700     3300       Pyrene     4100     1700     5000     3300       PCB     SW846-3550B/8082     mg/Kg          PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02     Not detected     0.02       PCB 1260	Dibenz[a b]anthracene			510 J	1700	Not detected	3300
Fluorene     510 J     1700     920 J     3300       Inden0[1,2,3-cd]pyrene     970 J     1700     780 J     3300       Naphthalene     980 J     1700     5700     3300       Phenanthrene     2400     1700     5700     3300       Pyrene     2400     1700     5700     3300       PCB     SW846-3550B/8082     mg/Kg          PCB     SW846-3550B/8082     mg/Kg           PCB 1221     Not detected     0.02     Not detected     0	Fluoranthene			4500	1700	5200	3300
Indenol 1,2,3-cd pyrene     970 J     1700     780 J     3300       Naphthalene     980 J     1700     860 J     3300       Phenanthrene     2400     1700     860 J     3300       PCB     SW846-3550B/8082     mg/Kg <td< td=""><td>Fluorene</td><td></td><td></td><td>510 J</td><td>1700</td><td>920 J</td><td>3300</td></td<>	Fluorene			510 J	1700	920 J	3300
InderNet     980 J     1700     860 J     3300       Phenanthrene     2400     1700     5700     3300       Pyrene     4100     1700     5700     3300       PCB     SW846-3550B/8082     mg/Kg <td>Indeno[1.2.3-cd]pyrene</td> <td></td> <td></td> <td>970 J</td> <td>1700</td> <td>780 J</td> <td>3300</td>	Indeno[1.2.3-cd]pyrene			970 J	1700	780 J	3300
Number     2400     1700     5700     3300       Pyrene     4100     1700     5000     3300       PCB     SW846-3550B/8082     mg/Kg	Naphthalene			980 J	1700	860 J	3300
Pyrene     4100     1700     5000     3300       PCB     SW846-3550B/8082     mg/Kg	Phenanthrene			2400	1700	5700	3300
PCB     SW846-3550B/8082     mg/Kg           PCB 1016     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1254     0.30     0.02     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       PCB Total     0.37     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/Kg         Aluminum     1.71     1.00     6.43     1.00       Assenic     28.8     1.00     14.3     1.00       Galuim     154     2.00     16300     2.00       Chro	Pyrene			4100	1700	5000	3300
PCB 1016     Not detected     0.02     Not detected     0.02       PCB 121     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1254     0.30     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       PCB 75 tal     0.37     0.02     Not detected     0.02       PCB 1260     mg/kg          Aluminum     5990     1.00     12600     1.00       Assenic     28.8     1.00     14.3     1.00       Barium     116     1.00     2620     1.00       Gadium     56.7     0.500     1.63     0.500       Cabalt     21.4     1.00     734     1.00       Cobalt     21.4     1.00	PCB	SW846-3550B/8082	mg/Kg				
PCB 1221     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02       PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1248     0.30     0.02     Not detected     0.02       PCB 1254     0.30     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       PCB, Total     0.37     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg         Aluminum     5990     1.00     1.600     1.00       Arsenic     28.8     1.00     14.3     1.00       Barium     116     1.00     2620     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     6.79     0.500     1.63     0.500       Cadmium     56.7     0.500     1.63     0.500       Cobalt     21.4 <td>PCB 1016</td> <td></td> <td>0.0</td> <td>Not detected</td> <td>0.02</td> <td>Not detected</td> <td>0.02</td>	PCB 1016		0.0	Not detected	0.02	Not detected	0.02
Instruction     Not detected     0.02     Not detected     0.02       PCB 1232     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02     Not detected     0.02       PCB 1254     0.30     0.02     Not detected     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02     Not detected     0.02       PCB, Total     0.37     0.02     Not detected     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg          Aluminum     5990     1.00     12600     1.00     Assenic     2.8.8     1.00     14.3     1.00       Barium     116     1.00     2620     1.00     2.00     16300     2.00       Cadmium     6.79     0.500     1.63     0.500     2.00     16300     2.00       Cadmium     56.7     0.500	PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1242     Not detected     0.02     Not detected     0.02       PCB 1248     Not detected     0.02     Not detected     0.02       PCB 1254     0.30     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       PCB, Total     0.37     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg         Aluminum     5990     1.00     12600     1.00       Antimony     1.71     1.00     6.43     1.00       Arsenic     28.8     1.00     14.3     1.00       Barium     116     1.00     2620     1.00       Cadmum     65.7     0.500     1.63     0.500       Calcium     154     2.00     16300     2.00       Chromium     56.7     0.500     1.63     0.500       Cobalt     21.4     1.00     2020     1.00       Magnesium     6170     2.00     8430 <td>PCB 1232</td> <td></td> <td></td> <td>Not detected</td> <td>0.02</td> <td>Not detected</td> <td>0.02</td>	PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1248     Not detected     0.02     Not detected     0.02       PCB 1254     0.30     0.02     Not detected     0.02       PCB 1260     0.37     0.02     Not detected     0.02       PCB, Total     0.37     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg         Aluminum     5990     1.00     12600     1.00       Arsenic     28.8     1.00     14.3     1.00       Barium     116     1.00     2620     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Calcium     6.79     0.500     1.63     0.500       Calcium     56.7     0.500     21.9     0.500       Cobalt     21.4     1.00     73.4     1.00       Copper     514     1.00     202.0     1.00       Magnesium     6170     2.00     8430     2.00       Magnesium     6170     2.00     8430	PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1254     0.30     0.02     Not detected     0.02       PCB 1260     0.07     0.02     Not detected     0.02       PCB, Total     0.37     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg         Aluminum     SW846-6010     mg/kg          Aluminum     1.71     1.00     6.43     1.00       Arsenic     28.8     1.00     14.3     1.00       Barium     116     1.00     2620     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     6.79     0.500     1.63     0.500       Calcium     154     2.00     16300     2.00       Copper     514     1.00     734     1.00       Copper     514     1.00     2160     1.00       Maganese     241     1.00     486     1.00       Maganese     241     1.00     496 </td <td>PCB 1248</td> <td></td> <td></td> <td>Not detected</td> <td>0.02</td> <td>Not detected</td> <td>0.02</td>	PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1260     0.07     0.02     Not detected     0.02       PCB, Total     0.37     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg	PCB 1254	· · · · · · · · · · · · · · · · · · ·		0.30	0.02	Not detected	0.02
PCB, Total     0.37     0.02     Not detected     0.02       Metals, Target Analyte List(TAL)     SW846-6010     mg/kg	PCB 1260			0.07	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)     SW846-6010     mg/kg	PCB Total			0.37	0.02	Not detected	0.02
Aluminum     Solution     Solution     Solution     Solution     1.00     1.2600     1.00       Antimony     1.71     1.00     6.43     1.00       Arsenic     28.8     1.00     14.3     1.00       Barium     116     1.00     2620     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     6.79     0.500     1.63     0.500       Calcium     154     2.00     16300     2.00       Chromium     56.7     0.500     1.63     0.500       Cobalt     21.4     1.00     734     1.00       Copper     514     1.00     2020     1.00       Iron     27800     1.00     69800     1.00       Magnesium     6170     2.00     8430     2.00       Magnesium     6170     2.00     8430     2.00       Magnesium     6170     2.00     8430     2.00       Magnesium     6170     2.00	Metals Target Analyte List(TAL)	SW846-6010	mg/kg				
Antimony     1.71     1.00     6.43     1.00       Arsenic     28.8     1.00     14.3     1.00       Barium     116     1.00     2620     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     6.79     0.500     1.63     0.500       Calcium     154     2.00     16300     2.00       Chromium     56.7     0.500     219     0.500       Cobalt     21.4     1.00     734     1.00       Copper     514     1.00     2020     1.00       Iron     27800     1.00     69800     1.00       Magnesium     6170     2.00     8430     2.00       Maganese     241     1.00     496     1.00       Nickel     61.3     1.00     63.0     1.00       Selenium     6.97     1.00     11.2     1.00       Selenium     6.97     1.00     11.2     1.00       Silver <td< td=""><td>Aluminum</td><td></td><td></td><td>5990</td><td>1.00</td><td>12600</td><td>1.00</td></td<>	Aluminum			5990	1.00	12600	1.00
Arsenic     28.8     1.00     14.3     1.00       Barium     116     1.00     2620     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     6.79     0.500     1.63     0.500       Calcium     154     2.00     16300     2.00       Chromium     56.7     0.500     219     0.500       Cobalt     21.4     1.00     734     1.00       Copper     514     1.00     2020     1.00       Iron     27800     1.00     69800     1.00       Lead     484     1.00     2160     1.00       Magnesium     6170     2.00     8430     2.00       Manganese     241     1.00     496     1.00       Nickel     61.3     1.00     63.0     1.00       Selenium     6.97     1.00     11.2     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium	Antimony		<u>+</u>	1.71	1.00	6.43	1.00
Barium     116     1.00     2620     1.00       Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     6.79     0.500     1.63     0.500       Calcium     154     2.00     16300     2.00       Chromium     56.7     0.500     219     0.500       Cobalt     21.4     1.00     734     1.00       Copper     514     1.00     2020     1.00       Iron     27800     1.00     69800     1.00       Lead     484     1.00     2160     1.00       Magnesium     6170     2.00     8430     2.00       Magnese     241     1.00     496     1.00       Nickel     61.3     1.00     63.0     1.00       Selenium     6.97     1.00     11.2     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       Sodium	Arsenic			28.8	1.00	14.3	1.00
Beryllium     Not detected     0.500     Not detected     0.500       Cadmium     6.79     0.500     1.63     0.500       Calcium     154     2.00     16300     2.00       Chromium     56.7     0.500     219     0.500       Cobalt     21.4     1.00     734     1.00       Copper     514     1.00     2020     1.00       Iron     27800     1.00     69800     1.00       Lead     484     1.00     2160     1.00       Magnesium     6170     2.00     8430     2.00       Magnese     241     1.00     496     1.00       Nickel     61.3     1.00     63.0     1.00       Potassium     1050     3.00     1860     3.00       Silver     Not detected     1.00     Not detected     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       <	Barium			116	1.00	2620	1.00
Cadmium     6.79     0.500     1.63     0.500       Calcium     154     2.00     16300     2.00       Chromium     56.7     0.500     219     0.500       Cobalt     21.4     1.00     734     1.00       Copper     514     1.00     2020     1.00       Iron     27800     1.00     69800     1.00       Lead     484     1.00     2160     1.00       Magnesium     6170     2.00     8430     2.00       Magnesium     61.3     1.00     63.0     1.00       Nickel     61.3     1.00     63.0     1.00       Nickel     61.3     1.00     63.0     1.00       Silver     1050     3.00     11.2     1.00       Silver     Not detected     1.00     39000     5.00       Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium	Beryllium			Not detected	0.500	Not detected	0.500
Calcium     154     2.00     16300     2.00       Chromium     56.7     0.500     219     0.500       Cobalt     21.4     1.00     734     1.00       Copper     514     1.00     2020     1.00       Iron     27800     1.00     69800     1.00       Lead     484     1.00     2160     1.00       Magnesium     6170     2.00     8430     2.00       Magnesium     61.3     1.00     63.0     1.00       Selenium     6.97     1.00     11.2     1.00       Selenium     6.97     1.00     11.2     1.00       Sodium     4900     5.00     39000     5.00       Mot detected     1.00     Not detected     1.00     Not detected     1.00       Sodium     19.8     2.00     40.3     2.00     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43     0.10	Cadmium			6.79	0.500	1.63	0.500
Chromium     56.7     0.500     219     0.500       Cobalt     21.4     1.00     734     1.00       Copper     514     1.00     2020     1.00       Iron     27800     1.00     69800     1.00       Lead     484     1.00     2160     1.00       Magnesium     6170     2.00     8430     2.00       Manganese     241     1.00     496     1.00       Nickel     61.3     1.00     63.0     1.00       Selenium     6.97     1.00     11.2     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     19.8     2.00     40.3     2.00       Zinc     2070     2.00     12200     2.00	Calcium			154	2.00	16300	2.00
Cobalt     21.4     1.00     734     1.00       Copper     514     1.00     2020     1.00       Iron     27800     1.00     69800     1.00       Lead     484     1.00     2160     1.00       Magnesium     6170     2.00     8430     2.00       Magnesium     6170     2.00     8430     2.00       Magnese     241     1.00     496     1.00       Nickel     61.3     1.00     63.0     1.00       Selenium     6.97     1.00     11.2     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     19.8     2.00     40.3     2.00       Zinc     2070     2.00     12200     2.00	Chromium	1		56.7	0.500	219	0.500
Copper     514     1.00     2020     1.00       Iron     27800     1.00     69800     1.00       Lead     484     1.00     2160     1.00       Magnesium     6170     2.00     8430     2.00       Manganese     241     1.00     496     1.00       Nickel     61.3     1.00     63.0     1.00       Potassium     1050     3.00     1860     3.00       Selenium     6.97     1.00     11.2     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     19.8     2.00     40.3     2.00       Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43     0.10	Cobalt			21.4	1.00	734	1.00
Iron     27800     1.00     69800     1.00       Lead     484     1.00     2160     1.00       Magnesium     6170     2.00     8430     2.00       Manganese     241     1.00     496     1.00       Nickel     61.3     1.00     63.0     1.00       Potassium     1050     3.00     1860     3.00       Selenium     6.97     1.00     11.2     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     19.8     2.00     40.3     2.00       Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43     0.10	Copper			514	1.00	2020	1.00
Lead     484     1.00     2160     1.00       Magnesium     6170     2.00     8430     2.00       Manganese     241     1.00     496     1.00       Nickel     61.3     1.00     63.0     1.00       Potassium     1050     3.00     1860     3.00       Selenium     6.97     1.00     11.2     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43	Iron	1	1	27800	1.00	69800	1.00
Magnesium     6170     2.00     8430     2.00       Manganese     241     1.00     496     1.00       Nickel     61.3     1.00     63.0     1.00       Potassium     1050     3.00     1860     3.00       Selenium     6.97     1.00     11.2     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43	Lead		1	484	1.00	2160	1.00
Manganese     241     1.00     496     1.00       Nickel     61.3     1.00     63.0     1.00       Potassium     1050     3.00     1860     3.00       Selenium     6.97     1.00     11.2     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     19.8     2.00     40.3     2.00       Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43	Magnesium			6170	2.00	8430	2.00
Nickel     61.3     1.00     63.0     1.00       Potassium     1050     3.00     1860     3.00       Selenium     6.97     1.00     11.2     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     19.8     2.00     40.3     2.00       Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43     0.10	Manganese		1	241	1.00	496	1.00
Potassium     1050     3.00     1860     3.00       Selenium     6.97     1.00     11.2     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     19.8     2.00     40.3     2.00       Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43	Nickel		1	61.3	1.00	63.0	1.00
Selenium     6.97     1.00     11.2     1.00       Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     19.8     2.00     40.3     2.00       Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43     0.10	Potassium		1	1050	3.00	1860	3.00
Silver     Not detected     1.00     Not detected     1.00       Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     19.8     2.00     40.3     2.00       Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43     0.10	Selenium			6.97	1.00	11.2	1.00
Sodium     4900     5.00     39000     5.00       Thallium     Not detected     1.00     Not detected     1.00       Vanadium     19.8     2.00     40.3     2.00       Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43     0.10	Silver		1	Not detected	1.00	Not detected	1.00
Thallium     Not detected     1.00     Not detected     1.00       Vanadium     19.8     2.00     40.3     2.00       Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43     0.10	Sodium		+	4900	5.00	39000	5.00
Vanadium     19.8     2.00     40.3     2.00       Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43     0.10	Thallium	+		Not detected	1.00	Not detected	1.00
Zinc     2070     2.00     12200     2.00       Mercury     SW846-7471     mg/kG     0.92     0.10     0.43     0.10	Vanadium		1	19.8	2.00	40.3	2.00
Mercury SW846-7471 mg/kG 0.92 0.10 0.43 0.10	Zinc		1	2070	2.00	12200	2.00
	Mercurv	SW846-7471	mg/kG	0.92	0.10	0.43	0.10

Client Sample ID			SB-15C	
York Sample ID			03110610-16	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg		
4,4'-DDD			Not detected	10
4,4'-DDE			Not detected	10
4,4'-DDT			Not detected	10
Aldrin			Not detected	10
alpha-BHC			Not detected	10
beta-BHC			Not detected	10
Chlordane			Not detected	50
delta-BHC			Not detected	10
Dieldrin			Not detected	10
Endosulfan I			Not detected	10
Endosulfan II			Not detected	10
Endosulfan sulfate			Not detected	10
Endrin			Not detected	10
Endrin aldehyde			Not detected	10
gamma-BHC (Lindane)			Not detected	10
Heptachlor			Not detected	10
Heptachlor epoxide			Not detected	10
Methoxychlor			Not detected	50
Toxaphene			Not detected	500
Volatiles-8260 list	SW846-8260	ug/Kg		
1.1.1.2-Tetrachloroethane			Not detected	5.0
1.1.1-Trichloroethane			Not detected	5.0
1.1.2.2-Tetrachloroethane		-	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1.1-Dichloroethane			Not detected	5.0
1.1-Dichloroethylene			Not detected	5.0
1.1-Dichloropropylene		1	Not detected	5.0
1.2.3-Trichlorobenzene			Not detected	5.0
1.2.3-Trichloropropane			Not detected	5.0
1.2.3-Trimethylbenzene	· · · · · · · · · · · · · · · · · · ·	1	Not detected	5.0
1.2.4-Trichlorobenzene		1	Not detected	5.0
1.2.4-Trimethylbenzene			Not detected	5.0
1.2-Dibromo-3-chloropropane			Not detected	5.0
1.2-Dibromoethane		1	Not detected	5.0
1.2-Dichlorobenzene			Not detected	5.0
1 2-Dichloroethane		•	Not detected	5.0
1 2-Dichloroethylene (Total)		-	Not detected	5.0
1.2-Dichloropropane		+	Not detected	5.0
1 3 5-Trimethylbenzene			Not detected	5.0
1 3-Dichlorobenzene	···	···	Not detected	5.0
1.3-Dichloropropane		+	Not detected	5.0
1.4-Dichlorobenzene		+	Not detected	5.0
1,4-Dichlorobevane			Not detected	5.0
2.2 Dichloronronono			Not detected	5.0
2,2-Dichloropropane			Not detected	5.0
2-Chlorotoluene			Not detected	5.0
4-Uniorotoiuene			Not detected	5.0
Benzene		<u> </u>	Not detected	5.0
Bromobenzene	_ <u> </u>	1	Not detected	<u> </u>

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Client Sample ID			SB-15C	
Vork Sample ID			03110610-16	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Bromochloromethane			Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis 1.3 Dichloropropylene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dibromomethane			Not detected	5.0
Dioblorodifluoromethane			Not detected	5.0
Ethulhongono			Not detected	5.0
Elliyidenzene			Not detected	5.0
Hexachiorobuladiene			Not detected	5.0
Isopropyidenzene			Not detected	5.0
Methylene chloride			7	5.0
Naphthalene			Not detected	5.0
n-Butylbenzene			Not detected	5.0
n-Propylbenzene			Not detected	5.0
o-Xylene			Not detected	5.0
p- & m-Xylenes			NOT detected	5.0
p-lsopropyltoluene			0 Not detected	5.0
sec-Butylbenzene			Not detected	5.0
Styrene			Not detected	5.0
tert-Butylbenzene		<u> </u>	Not detected	5.0
Tetrachloroethylene		·=-	Not detected	5.0
l'oluene			Not detected	5.0
trans-1,3-Dichloropropylene		<del>_</del>	Not detected	5.0
Trichloroethylene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride	0111046 0070	10	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/KG	Not detected	220
Acenaphthene			Not detected	220
Acenaphthylene			INOL delected	220
Anthracene			04 J	220
Benzo[a]anthracene			99 J	330
Benzo[a]pyrene			80 J	330
Benzo[b]fluoranthene	· · · · · · · · · · · · · · · · · · ·		52 J	330
Benzo[g,h,i]perylene			50 J	330
Benzo[k]fluoranthene			68 J	330
Chrysene			100 J	330
Dibenz[a,h]anthracene			Not detected	330
Fluoranthene			270 J	330
Fluorene		ļ	Not detected	330
Indeno[1,2,3-cd]pyrene		ļ	Not detected	330
Naphthalene			Not detected	330
Phenanthrene			210 J	330
Pyrene			250 J	330
РСВ	SW846-3550B/8082	mg/Kg		
PCB 1016			Not detected	0.02

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Client Sample ID			SB-15C	
York Sample ID			03110610-16	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
PCB 1221			Not detected	0.02
PCB 1232			Not detected	0.02
PCB 1242	<u></u>		Not detected	0.02
PCB 1248			Not detected	0.02
PCB 1254			Not detected	0.02
PCB 1260			Not detected	0.02
PCB, Total			Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg		
Aluminum			4390	1.00
Antimony			Not detected	1.00
Arsenic			1.03	1.00
Barium			31.5	1.00
Beryllium			Not detected	0.500
Cadmium			Not detected	0.500
Calcium	· · · · · · · · · · · · · · · · ·		1370	2.00
Chromium			11.3	0.500
Cobalt			6.28	1.00
Copper			18.4	1.00
Iron			19600	1.00
Lead			5.65	1.00
Magnesium			2030	2.00
Manganese			495	1.00
Nickel			8.23	1.00
Potassium			744	3.00
Selenium			4.54	1.00
Silver			Not detected	1.00
Sodium			305	5.00
Thallium			Not detected	1.00
Vanadium			20.0	2.00
Zinc			43.1	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10

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Client Sample ID			EBS-11/20	
York Sample ID			03110610-17	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L		
4,4'-DDD			Not detected	0.05
4,4'-DDE			Not detected	0.05
4,4'-DDT			Not detected	0.05
Aldrin			Not detected	0.05
alpha-BHC			Not detected	0.05
beta-BHC			Not detected	0.05
Chlordane			Not detected	0.2
delta-BHC			Not detected	0.05
Dieldrin			Not detected	0.05
Endosulfan I			Not detected	0.05
Endosulfan II			Not detected	0.05
Endosulfan sulfate		1	Not detected	0.05



Client Sample ID			EBS-11/20	
York Sample ID			03110610-17	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Endrin			Not detected	0.05
Endrin aldehyde			Not detected	0.05
gamma-BHC (Lindane)	· · · · ·		Not detected	0.05
Hentachlor			Not detected	0.05
Hentachlor epoxide			Not detected	0.05
Methoxychlor			Not detected	0.2
Toxanhene			Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L		
1 1 1 2-Tetrachloroethane			Not detected	1
1 1 1-Trichloroethane			Not detected	1
1 1 2 2-Tetrachloroethane			Not detected	1
1,1,2,2-Tetraemoroethane			Not detected	1
1.1 Dichloroethane			Not detected	1
1,1-Dichloroothylene			Not detected	<u>1</u>
1,1-Dichloropropulane			Not detected	1
			Not detected	1
1,2,3-Trichloropenzene			Not detected	1
1,2,3-1 Fichloropropane			Not detected	1
1,2,3-1 rimetnyibenzene			Not detected	1
1,2,4-1 richlorobenzene			Not detected	1
1,2,4-1rimethylbenzene			Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	11
1,2-Dibromoethane			Not detected	1
1,2-Dichlorobenzene			Not detected	
1,2-Dichloroethane			Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1
1,2-Dichloropropane		_	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1
1,3-Dichlorobenzene			Not detected	1
1,3-Dichloropropane			Not detected	1
1,4-Dichlorobenzene			Not detected	1
1-Chlorohexane		_	Not detected	1
2,2-Dichloropropane			Not detected	1
2-Chlorotoluene			Not detected	1
4-Chlorotoluene			Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	1
Bromochloromethane			Not detected	1
Bromodichloromethane			Not detected	1
Bromoform			Not detected	1
Bromomethane			Not detected	1
Carbon tetrachloride			Not detected	1
Chlorobenzene			Not detected	1
Chloroethane			Not detected	1
Chloroform	1		Not detected	1
Chloromethane			Not detected	1
cis-1,3-Dichloropropylene			Not detected	1
Dibromochloromethane			Not detected	1
Dibromomethane			Not detected	1
Dichlorodifluoromethane			Not detected	1
Fthylhenzene			Not detected	$\frac{1}{1}$
Heyachlorobutadiene			Not detected	$\frac{1}{1}$
Tickacinorooutautene			1101 00100100	



Client Sample ID			EBS-11/20	
York Sample ID			03110610-17	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Isopropylbenzene		01110	Not detected	1
Methylene chloride			Not detected	1
Nanhthalene	······		Not detected	1
n-Butylbenzene			Not detected	1
n-Propylbenzene			Not detected	1
o-Xylene			Not detected	1
n- & m-Xylenes			Not detected	1
n-Isopronyltoluene			Not detected	1
sec-Butylbenzene			Not detected	1
Sturene			Not detected	1
tert Butylbenzene			Not detected	1
Tetrephlereethylene			Not detected	- 1
Teluene			Not detected	1
Toluelle			Not detected	
trans-1,3-Dichloropropylette			Not detected	1
			Not detected	1
Irichiorofluoromethane			Not detected	1
Vinyl chloride	011/04/0070	/1	Not detected	1
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L		10
Acenaphthene			Not detected	10
Acenaphthylene			Not detected	10
Anthracene			Not detected	10
Benzo[a]anthracene			Not detected	10
Benzo[a]pyrene			Not detected	10
Benzo[b]fluoranthene			Not detected	10
Benzo[g,h,i]perylene			Not detected	10
Benzo[k]fluoranthene			Not detected	10
Chyrsene			Not detected	10
Dibenz[a,h]anthracene			Not detected	10
Fluoranthene			Not detected	10
Fluorene	·		Not detected	10
Indeno[1,2,3-cd]pyrene			Not detected	10
Naphthalene			Not detected	10
Phenanthrene			Not detected	10
Pyrene			Not detected	10
РСВ	SW846-3510C/8082	ug/L		
PCB 1016			Not detected	0.2
PCB 1221		L	Not detected	0.2
PCB 1232			Not detected	0.2
PCB 1242			Not detected	0.2
PCB 1248			Not detected	0.2
PCB 1254			Not detected	0.2
PCB 1260			Not detected	0.2
PCB, Total			Not detected	0.2
Metals, Target Analyte List(TAL)	SW846-6010	ug/L		
Aluminum			26.9	5.0
Antimony			Not detected	5.0
Arsenic			Not detected	10.0
Barium			Not detected	10.0
Beryllium		1	Not detected	1.0
Cadmium			Not detected	3.0
Calcium			79.6	20.0

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Client Sample ID			EBS-11/20	
York Sample ID			03110610-17	
Matrix			WATER	
Parameter	Method	Units	Results	MDL_
Chromium			Not detected	5.0
Cobalt			Not detected	5.0
Copper			Not detected	5.0
Iron			158	5.0
Lead			Not detected	3.0
Magnesium			28.1	10.0
Manganese			Not detected	5.0
Nickel			Not detected	5.0
Potassium			Not detected	30.0
Selenium			Not detected	10.0
Silver			Not detected	5.0
Sodium			Not detected	50.0
Thallium			Not detected	10.0
Vanadium			Not detected	10.0
Zinc			21.2	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002

#### Units Key:

For Waters/Liquids: mg/L = ppm; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

#### Notes for York Project No. 03110610

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or nontarget analytes and matrix interference.

2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.

3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.

4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

5. All samples were received in proper condition for analysis with proper documentation.

6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:

aun Robert Q. Bradley

Managing Director

Date: 12/18/2003





#### **Definitions for FLAGS used as a Results Suffix**

Flags are sometimes used on results to indicate certain occurences during the analysis process. The most common flags used by York are defined below.

#### DEFINITION

**FLAG** 

J

B

- J indicates an estimated value. This flag applies to Tentatively Identified Compounds or, when requested, for a target compound whose result is less than the reporting limit but whose mass spectral data meet identification criteria. For example if the reporting limit is listed as 10 ppb and the analysis shows 3 ppb, the result can be reported as 3 J. The client must request the use of J flags for the laboratory to report such flags.
  - B indicates that the analyte was also found in the associated batch method blank. This flag indicates possible/probable blank contamination and warns the data user to be aware. This mostly applies to the volatiles acetone and methylene chloride and the semi-volatiles bis-(2-ethylhexyl) phthalate and other phthalates.

E This flag is used to indicate that the reported concentration of an analyte exceeded the calibration range of the analytical system. In this case the result reported is treated as a minimum value. This often applies where clients request an additional analyte after sample analysis, such as acetone, where the initial analysis did not require dilution since acetone was not a target compound. This flag will also apply if after numerous dilutions a specific target compound would significantly dilute out all other targets.

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# **Technical Report**

prepared for

Enviroscience Consultants, Inc. 33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

Report Date: 12/29/2003 *Re: Client Project ID: DEP/Maspeth/Soil Gas* York Project No.: 03120636

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ONE RESEARCH DRIVE

STAMFORD, CT 06906 (203) 325-1371

FAX (203) 357-0166

Page 1 of 12

Report Date: 12/29/2003 Client Project ID: DEP/Maspeth/Soil Gas York Project No.: 03120636

#### Enviroscience Consultants, Inc.

33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

#### Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 12/19/03. The project was identified as your project "DEP/Maspeth/Soil Gas ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			SG-1		SG-2	
York Sample ID			03120636-01		03120636-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles(TO-14 list)	EPA TO14	ppbv				
1,1,1-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1,2,2-tetrachloroethane			Not detected	1.0	Not detected	1.0
1,1,2-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethylene			Not detected	1.0	Not detected	1.0
1,2,4-Trichlorobenzene			Not detected	1.0	Not detected	1.0
1,2,4-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,2-Dibromoethane			Not detected	1.0	Not detected	1.0
1,2-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,2-Dichloroethane			Not detected	1.0	Not detected	1.0
1,2-Dichloropropane			Not detected	1.0	Not detected	1.0
1,2-Dichlorotetrafluoroethane			Not detected	1.0	Not detected	1.0
1,3,5-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,3-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,4-Dichlorobenzene			Not detected	1.0	Not detected	1.0
3-Chloropropene			Not detected	1.0	Not detected	1.0

#### Analysis Results



Client Sample ID			SG-1		SG-2	
York Sample ID			03120636-01		03120636-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
4-Ethyltoluene			Not detected	1.0	Not detected	1.0
Benzene			Not detected	1.0	Not detected	1.0
Benzyl Chloride			Not detected	1.0	Not detected	1.0
Bromomethane			Not detected	1.0	Not detected	1.0
Carbon Tetrachloride			Not detected	1.0	Not detected	1.0
Chlorobenzene			Not detected	1.0	Not detected	1.0
Chloroethane			Not detected	1.0	Not detected	1.0
Chloroform			Not detected	1.0	Not detected	1.0
Chloromethane			Not detected	1.0	Not detected	1.0
cis-1,2-Dichloroethylene			Not detected	1.0	Not detected	1.0
cis-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Dichlorodifluoromethane			Not detected	1.0	Not detected	1.0
Ethylbenzene			Not detected	1.0	Not detected	1.0
Freon-113			Not detected	1.0	Not detected	1.0
Hexachloro-1,3-Butadiene			Not detected	1.0	Not detected	1.0
Methylene Chloride			12 B	1.0	15 B	1.0
o-Xylene			Not detected	1.0	Not detected	1.0
p- & m-Xylenes			Not detected	1.0	Not detected	1.0
Styrene			Not detected	1.0	Not detected	1.0
Tetrachloroethylene			Not detected	1.0	Not detected	1.0
Toluene			3.3	1.0	1.9	1.0
trans-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Trichloroethylene			Not detected	1.0	Not detected	1.0
Trichlorofluoromethane			Not detected	1.0	Not detected	1.0
Vinyl Chloride			Not detected	1.0	Not detected	1.0

Client Sample ID			SG-3		SG-4	
York Sample ID			03120636-03		03120636-04	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles(TO-14 list)	EPA TO14	ppbv				
1,1,1-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1,2,2-tetrachloroethane			Not detected	1.0	Not detected	1.0
1,1,2-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethylene			Not detected	1.0	Not detected	1.0
1,2,4-Trichlorobenzene			Not detected	1.0	Not detected	1.0
1,2,4-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,2-Dibromoethane			Not detected	1.0	Not detected	1.0
1,2-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,2-Dichloroethane			Not detected	1.0	Not detected	1.0
1,2-Dichloropropane			Not detected	1.0	Not detected	1.0
1,2-Dichlorotetrafluoroethane			Not detected	1.0	Not detected	1.0
1,3,5-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,3-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,4-Dichlorobenzene			Not detected	1.0	Not detected	1.0
3-Chloropropene		1	Not detected	1.0	Not detected	1.0
4-Ethyltoluene			Not detected	1.0	Not detected	1.0
Benzene			Not detected	1.0	Not detected	1.0



Client Sample ID			SG-3		SG-4	
York Sample ID			03120636-03		03120636-04	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzyl Chloride			Not detected	1.0	Not detected	1.0
Bromomethane			Not detected	1.0	Not detected	1.0
Carbon Tetrachloride			Not detected	1.0	Not detected	1.0
Chlorobenzene			Not detected	1.0	Not detected	1.0
Chloroethane			Not detected	1.0	Not detected	1.0
Chloroform			Not detected	1.0	Not detected	1.0
Chloromethane			Not detected	1.0	Not detected	1.0
cis-1,2-Dichloroethylene			Not detected	1.0	Not detected	1.0
cis-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Dichlorodifluoromethane			Not detected	1.0	Not detected	1.0
Ethylbenzene			Not detected	1.0	Not detected	1.0
Freon-113			Not detected	1.0	Not detected	1.0
Hexachloro-1,3-Butadiene			Not detected	1.0	Not detected	1.0
Methylene Chloride			9.9 B	1.0	11 B	1.0
o-Xylene			Not detected	1.0	Not detected	1.0
p- & m-Xylenes			Not detected	1.0	Not detected	1.0
Styrene			Not detected	1.0	Not detected	1.0
Tetrachloroethylene			Not detected	1.0	Not detected	1.0
Toluene			3.5	1.0	3.3	1.0
trans-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Trichloroethylene			Not detected	1.0	Not detected	1.0
Trichlorofluoromethane			Not detected	1.0	Not detected	1.0
Vinyl Chloride			Not detected	1.0	Not detected	1.0

Client Sample ID			SG-5		SG-6	
York Sample ID			03120636-05		03120636-06	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles(TO-14 list)	EPA TO14	ppbv				
1,1,1-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1,2,2-tetrachloroethane			Not detected	1.0	Not detected	1.0
1,1,2-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethylene			Not detected	1.0	Not detected	1.0
1,2,4-Trichlorobenzene			Not detected	1.0	Not detected	1.0
1,2,4-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,2-Dibromoethane			Not detected	1.0	Not detected	1.0
1,2-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,2-Dichloroethane			Not detected	1.0	Not detected	1.0
1,2-Dichloropropane			Not detected	1.0	Not detected	1.0
1,2-Dichlorotetrafluoroethane			Not detected	1.0	Not detected	1.0
1,3,5-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,3-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,4-Dichlorobenzene			Not detected	1.0	Not detected	1.0
3-Chloropropene			Not detected	1.0	Not detected	1.0
4-Ethyltoluene			Not detected	1.0	Not detected	1.0
Benzene			Not detected	1.0	Not detected	1.0
Benzyl Chloride			Not detected	1.0	Not detected	1.0
Bromomethane			Not detected	1.0	Not detected	1.0

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Client Sample ID			SG-5		SG-6	
York Sample ID	·		03120636-05		03120636-06	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Carbon Tetrachloride			Not detected	1.0	Not detected	1.0
Chlorobenzene			Not detected	1.0	Not detected	1.0
Chloroethane			Not detected	1.0	Not detected	1.0
Chloroform			Not detected	1.0	Not detected	1.0
Chloromethane			Not detected	1.0	Not detected	1.0
cis-1,2-Dichloroethylene			Not detected	1.0	Not detected	1.0
cis-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Dichlorodifluoromethane			Not detected	1.0	Not detected	1.0
Ethylbenzene			Not detected	1.0	Not detected	1.0
Freon-113			Not detected	1.0	Not detected	1.0
Hexachloro-1,3-Butadiene			Not detected	1.0	Not detected	1.0
Methylene Chloride			5.2 B	1.0	11 B	1.0
o-Xylene			Not detected	1.0	Not detected	1.0
p- & m-Xylenes			Not detected	1.0	Not detected	1.0
Styrene			Not detected	1.0	Not detected	1.0
Tetrachloroethylene			Not detected	1.0	Not detected	1.0
Toluene			1.8	1.0	3.1	1.0
trans-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Trichloroethylene			Not detected	1.0	Not detected	1.0
Trichlorofluoromethane			Not detected	1.0	Not detected	1.0
Vinyl Chloride			Not detected	1.0	Not detected	1.0

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Client Sample ID			SG-7		SG-8	
York Sample ID			03120636-07		03120636-08	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles(TO-14 list)	EPA TO14	ppbv				
1,1,1-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1,2,2-tetrachloroethane			Not detected	1.0	Not detected	1.0
1,1,2-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethylene			Not detected	1.0	Not detected	1.0
1,2,4-Trichlorobenzene			Not detected	1.0	Not detected	1.0
1,2,4-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,2-Dibromoethane			Not detected	1.0	Not detected	1.0
1,2-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,2-Dichloroethane			Not detected	1.0	Not detected	1.0
1,2-Dichloropropane			Not detected	1.0	Not detected	1.0
1,2-Dichlorotetrafluoroethane			Not detected	1.0	Not detected	1.0
1,3,5-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,3-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,4-Dichlorobenzene			Not detected	1.0	Not detected	1.0
3-Chloropropene			Not detected	1.0	Not detected	1.0
4-Ethyltoluene			Not detected	1.0	Not detected	1.0
Benzene			Not detected	1.0	Not detected	1.0
Benzyl Chloride			Not detected	1.0	Not detected	1.0
Bromomethane			Not detected	1.0	Not detected	1.0
Carbon Tetrachloride			Not detected	1.0	Not detected	1.0
Chlorobenzene			Not detected	1.0	Not detected	1.0

Client Sample ID			SG-7		SG-8	
York Sample ID			03120636-07		03120636-08	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Chloroethane		1	Not detected	1.0	Not detected	1.0
Chloroform			Not detected	1.0	Not detected	1.0
Chloromethane			Not detected	1.0	Not detected	1.0
cis-1,2-Dichloroethylene			Not detected	1.0	Not detected	1.0
cis-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Dichlorodifluoromethane			Not detected	1.0	Not detected	1.0
Ethylbenzene			Not detected	1.0	Not detected	1.0
Freon-113			Not detected	1.0	Not detected	1.0
Hexachloro-1,3-Butadiene			Not detected	1.0	Not detected	1.0
Methylene Chloride			13 B	1.0	5.0 B	1.0
o-Xylene			Not detected	1.0	Not detected	1.0
p- & m-Xylenes			Not detected	1.0	Not detected	1.0
Styrene			Not detected	1.0	Not detected	1.0
Tetrachloroethylene			Not detected	1.0	Not detected	1.0
Toluene			2.2	1.0	2.4	1.0
trans-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Trichloroethylene			Not detected	1.0	Not detected	1.0
Trichlorofluoromethane			Not detected	1.0	Not detected	1.0
Vinyl Chloride			Not detected	1.0	Not detected	1.0

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Client Sample ID			SG-9		SG-10	
York Sample ID			03120636-09		03120636-10	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles(TO-14 list)	EPA TO14	ppbv				
1,1,1-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1,2,2-tetrachloroethane			Not detected	1.0	Not detected	1.0
1,1,2-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethylene			Not detected	1.0	Not detected	1.0
1,2,4-Trichlorobenzene			Not detected	1.0	Not detected	1.0
1,2,4-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,2-Dibromoethane			Not detected	1.0	Not detected	1.0
1,2-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,2-Dichloroethane			Not detected	1.0	Not detected	1.0
1,2-Dichloropropane			Not detected	1.0	Not detected	1.0
1,2-Dichlorotetrafluoroethane			Not detected	1.0	Not detected	1.0
1,3,5-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,3-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,4-Dichlorobenzene			Not detected	1.0	Not detected	1.0
3-Chloropropene			Not detected	1.0	Not detected	1.0
4-Ethyltoluene			Not detected	1.0	Not detected	1.0
Benzene			Not detected	1.0	Not detected	1.0
Benzyl Chloride			Not detected	1.0	Not detected	1.0
Bromomethane			Not detected	1.0	Not detected	1.0
Carbon Tetrachloride		1	Not detected	1.0	Not detected	1.0
Chlorobenzene			Not detected	1.0	Not detected	1.0
Chloroethane	1		Not detected	1.0	Not detected	1.0
Chloroform			Not detected	1.0	Not detected	1.0

Client Sample ID			SG-9		SG-10	
York Sample ID			03120636-09		03120636-10	
Matrix	· ·		AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Chloromethane			Not detected	1.0	Not detected	1.0
cis-1,2-Dichloroethylene			Not detected	1.0	Not detected	1.0
cis-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Dichlorodifluoromethane			Not detected	1.0	Not detected	1.0
Ethylbenzene			Not detected	1.0	Not detected	1.0
Freon-113			Not detected	1.0	Not detected	1.0
Hexachloro-1,3-Butadiene			Not detected	1.0	Not detected	1.0
Methylene Chloride			14 B	1.0	11 B	1.0
o-Xylene			Not detected	1.0	Not detected	1.0
p- & m-Xylenes			Not detected	1.0	Not detected	1.0
Styrene			Not detected	1.0	Not detected	1.0
Tetrachloroethylene			Not detected	1.0	1.6	1.0
Toluene			3.3	1.0	2.7	1.0
trans-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Trichloroethylene			Not detected	1.0	Not detected	1.0
Trichlorofluoromethane			Not detected	1.0	Not detected	1.0
Vinyl Chloride			Not detected	1.0	Not detected	1.0

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Client Sample ID			SG-11		SG-12	
York Sample ID			03120636-11		03120636-12	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles(TO-14 list)	EPA TO14	ppbv				
1,1,1-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1,2,2-tetrachloroethane			Not detected	1.0	Not detected	1.0
1,1,2-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethylene			Not detected	1.0	Not detected	1.0
1,2,4-Trichlorobenzene			Not detected	1.0	Not detected	1.0
1,2,4-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,2-Dibromoethane			Not detected	1.0	Not detected	1.0
1,2-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,2-Dichloroethane			Not detected	1.0	Not detected	1.0
1,2-Dichloropropane			Not detected	1.0	Not detected	1.0
1,2-Dichlorotetrafluoroethane			Not detected	1.0	Not detected	1.0
1,3,5-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,3-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,4-Dichlorobenzene			Not detected	1.0	Not detected	1.0
3-Chloropropene			Not detected	1.0	Not detected	1.0
4-Ethyltoluene			Not detected	1.0	Not detected	1.0
Benzene			Not detected	1.0	Not detected	1.0
Benzyl Chloride			Not detected	1.0	Not detected	1.0
Bromomethane			Not detected	1.0	Not detected	1.0
Carbon Tetrachloride			Not detected	1.0	Not detected	1.0
Chlorobenzene			Not detected	1.0	Not detected	1.0
Chloroethane			Not detected	1.0	Not detected	1.0
Chloroform			Not detected	1.0	Not detected	1.0
Chloromethane			Not detected	1.0	Not detected	1.0
cis-1,2-Dichloroethylene			Not detected	1.0	Not detected	1.0

Client Sample ID			SG-11		SG-12	
York Sample ID			03120636-11		03120636-12	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
cis-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Dichlorodifluoromethane			Not detected	1.0	Not detected	1.0
Ethylbenzene			Not detected	1.0	Not detected	1.0
Freon-113			Not detected	1.0	Not detected	1.0
Hexachloro-1,3-Butadiene			Not detected	1.0	Not detected	1.0
Methylene Chloride			7.4 B	1.0	6.2 B	1.0
o-Xylene			Not detected	1.0	Not detected	1.0
p- & m-Xylenes			Not detected	1.0	Not detected	1.0
Styrene			Not detected	1.0	Not detected	1.0
Tetrachloroethylene			1.5	1.0	Not detected	1.0
Toluene		l	2.4	1.0	2.6	1.0
trans-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Trichloroethylene			Not detected	1.0	Not detected	1.0
Trichlorofluoromethane			Not detected	1.0	Not detected	1.0
Vinyl Chloride			Not detected	1.0	Not detected	1.0

Client Sample ID			SG-13		SG-14	
York Sample ID			03120636-13		03120636-14	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles(TO-14 list)	EPA TO14	ppbv				
1,1,1-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1,2,2-tetrachloroethane			Not detected	1.0	Not detected	1.0
1,1,2-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethylene			Not detected	1.0	Not detected	1.0
1,2,4-Trichlorobenzene			Not detected	1.0	Not detected	1.0
1,2,4-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,2-Dibromoethane			Not detected	1.0	Not detected	1.0
1,2-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,2-Dichloroethane			Not detected	1.0	Not detected	1.0
1,2-Dichloropropane			Not detected	1.0	Not detected	1.0
1,2-Dichlorotetrafluoroethane			Not detected	1.0	Not detected	1.0
1,3,5-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,3-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,4-Dichlorobenzene			Not detected	1.0	Not detected	1.0
3-Chloropropene			Not detected	1.0	Not detected	1.0
4-Ethyltoluene			Not detected	1.0	Not detected	1.0
Benzene			Not detected	1.0	Not detected	1.0
Benzyl Chloride			Not detected	1.0	Not detected	1.0
Bromomethane			Not detected	1.0	Not detected	1.0
Carbon Tetrachloride			Not detected	1.0	Not detected	1.0
Chlorobenzene			Not detected	1.0	Not detected	1.0
Chloroethane			Not detected	1.0	Not detected	1.0
Chloroform			Not detected	1.0	Not detected	1.0
Chloromethane	1	1	Not detected	1.0	Not detected	1.0
cis-1,2-Dichloroethylene			Not detected	1.0	Not detected	1.0
cis-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Dichlorodifluoromethane			Not detected	1.0	Not detected	1.0

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Client Sample ID			SG-13		SG-14	
York Sample ID			03120636-13		03120636-14	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Ethylbenzene			Not detected	1.0	Not detected	1.0
Freon-113			Not detected	1.0	Not detected	1.0
Hexachloro-1,3-Butadiene			Not detected	1.0	Not detected	1.0
Methylene Chloride			5.8 B	1.0	6.8 B	1.0
o-Xylene			Not detected	1.0	Not detected	1.0
p- & m-Xylenes			Not detected	1.0	Not detected	1.0
Styrene			Not detected	1.0	Not detected	1.0
Tetrachloroethylene			Not detected	1.0	Not detected	1.0
Toluene			2.9	1.0	2.4	1.0
trans-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Trichloroethylene			Not detected	1.0	Not detected	1.0
Trichlorofluoromethane			Not detected	1.0	Not detected	1.0
Vinyl Chloride			Not detected	1.0	Not detected	1.0

Client Sample ID			SG-15		SG-16	
York Sample ID			03120636-15		03120636-16	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles(TO-14 list)	EPA TO14	ppbv				
1,1,1-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1,2,2-tetrachloroethane			Not detected	1.0	Not detected	1.0
1,1,2-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethylene			Not detected	1.0	Not detected	1.0
1,2,4-Trichlorobenzene			Not detected	1.0	Not detected	1.0
1,2,4-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,2-Dibromoethane			Not detected	1.0	Not detected	1.0
1,2-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,2-Dichloroethane			Not detected	1.0	Not detected	1.0
1,2-Dichloropropane			Not detected	1.0	Not detected	1.0
1,2-Dichlorotetrafluoroethane			Not detected	1.0	Not detected	1.0
1,3,5-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,3-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,4-Dichlorobenzene			Not detected	1.0	Not detected	1.0
3-Chloropropene			Not detected	1.0	Not detected	1.0
4-Ethyltoluene			Not detected	1.0	Not detected	1.0
Benzene			Not detected	1.0	Not detected	1.0
Benzyl Chloride			Not detected	1.0	Not detected	1.0
Bromomethane			Not detected	1.0	Not detected	1.0
Carbon Tetrachloride			Not detected	1.0	Not detected	1.0
Chlorobenzene			Not detected	1.0	Not detected	1.0
Chloroethane			Not detected	1.0	Not detected	1.0
Chloroform			Not detected	1.0	Not detected	1.0
Chloromethane	1		Not detected	1.0	Not detected	1.0
cis-1,2-Dichloroethylene			Not detected	1.0	Not detected	1.0
cis-1.3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Dichlorodifluoromethane			Not detected	1.0	1.8	1.0
Ethylbenzene			Not detected	1.0	Not detected	1.0
Freon-113			Not detected	1.0	Not detected	1.0

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Client Sample ID			SG-15		SG-16	
York Sample ID			03120636-15		03120636-16	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Hexachloro-1,3-Butadiene			Not detected	1.0	Not detected	1.0
Methylene Chloride	1		8.3 B	1.0	7.5 B	1.0
o-Xylene			Not detected	1.0	Not detected	1.0
p- & m-Xylenes			Not detected	1.0	Not detected	1.0
Styrene			Not detected	1.0	Not detected	1.0
Tetrachloroethylene			Not detected	1.0	Not detected	1.0
Toluene			4.1	1.0	2.2	1.0
trans-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Trichloroethylene			Not detected	1.0	Not detected	1.0
Trichlorofluoromethane			Not detected	1.0	3.1	1.0
Vinyl Chloride			Not detected	1.0	Not detected	1.0

Client Sample ID			SG-17		SG-18	
York Sample ID			03120636-17		03120636-18	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles(TO-14 list)	EPA TO14	ppbv				
1,1,1-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1,2,2-tetrachloroethane			Not detected	1.0	Not detected	1.0
1,1,2-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethylene			Not detected	1.0	Not detected	1.0
1,2,4-Trichlorobenzene			Not detected	1.0	Not detected	1.0
1,2,4-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,2-Dibromoethane			Not detected	1.0	Not detected	1.0
1,2-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,2-Dichloroethane			Not detected	1.0	Not detected	1.0
1,2-Dichloropropane			Not detected	1.0	Not detected	1.0
1,2-Dichlorotetrafluoroethane			Not detected	1.0	Not detected	1.0
1,3,5-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,3-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,4-Dichlorobenzene			Not detected	1.0	Not detected	1.0
3-Chloropropene			Not detected	1.0	Not detected	1.0
4-Ethyltoluene			Not detected	1.0	Not detected	1.0
Benzene			Not detected	1.0	Not detected	1.0
Benzyl Chloride			Not detected	1.0	Not detected	1.0
Bromomethane			Not detected	1.0	Not detected	1.0
Carbon Tetrachloride			Not detected	1.0	Not detected	1.0
Chlorobenzene			Not detected	1.0	Not detected	1.0
Chloroethane			Not detected	1.0	Not detected	1.0
Chloroform			Not detected	1.0	Not detected	1.0
Chloromethane			Not detected	1.0	Not detected	1.0
cis-1,2-Dichloroethylene			Not detected	1.0	Not detected	1.0
cis-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Dichlorodifluoromethane			Not detected	1.0	Not detected	1.0
Ethylbenzene			Not detected	1.0	Not detected	1.0
Freon-113			Not detected	1.0	Not detected	1.0
Hexachloro-1,3-Butadiene			Not detected	1.0	Not detected	1.0
Methylene Chloride			5.7 B	1.0	6.4 B	1.0

Client Sample ID			SG-17		SG-18	
York Sample ID			03120636-17		03120636-18	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
o-Xylene			Not detected	1.0	Not detected	1.0
p- & m-Xylenes			Not detected	1.0	Not detected	1.0
Styrene			Not detected	1.0	Not detected	1.0
Tetrachloroethylene			Not detected	1.0	Not detected	1.0
Toluene			2.7	1.0	2.7	1.0
trans-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Trichloroethylene			Not detected	1.0	Not detected	1.0
Trichlorofluoromethane			Not detected	1.0	Not detected	1.0
Vinyl Chloride			Not detected	1.0	Not detected	1.0

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Client Sample ID			SG-19		SG-20	
York Sample ID			03120636-19		03120636-20	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles(TO-14 list)	EPA TO14	ppbv				
1,1,1-Trichloroethane			Not detected	0.89	Not detected	0.87
1,1,2,2-tetrachloroethane			Not detected	0.89	Not detected	0.87
1,1,2-Trichloroethane			Not detected	0.89	Not detected	0.87
1,1-Dichloroethane			Not detected	0.89	Not detected	0.87
1,1-Dichloroethylene			Not detected	0.89	Not detected	0.87
1,2,4-Trichlorobenzene			Not detected	0.89	Not detected	0.87
1,2,4-Trimethylbenzene			Not detected	0.89	26	0.87
1,2-Dibromoethane			Not detected	0.89	Not detected	0.87
1,2-Dichlorobenzene			Not detected	0.89	Not detected	0.87
1,2-Dichloroethane			Not detected	0.89	Not detected	0.87
1,2-Dichloropropane			Not detected	0.89	Not detected	0.87
1,2-Dichlorotetrafluoroethane			Not detected	0.89	Not detected	0.87
1,3,5-Trimethylbenzene			Not detected	0.89	4.9	0.87
1,3-Dichlorobenzene			Not detected	0.89	Not detected	0.87
1,4-Dichlorobenzene			Not detected	0.89	Not detected	0.87
3-Chloropropene			Not detected	0.89	Not detected	0.87
4-Ethyltoluene			Not detected	0.89	Not detected	0.87
Benzene			Not detected	0.89	Not detected	0.87
Benzyl Chloride			Not detected	0.89	Not detected	0.87
Bromomethane			Not detected	0.89	Not detected	0.87
Carbon Tetrachloride			Not detected	0.89	Not detected	0.87
Chlorobenzene			Not detected	0.89	Not detected	0.87
Chloroethane			Not detected	0.89	Not detected	0.87
Chloroform			Not detected	0.89	Not detected	0.87
Chloromethane			Not detected	0.89	Not detected	0.87
cis-1,2-Dichloroethylene			Not detected	0.89	Not detected	0.87
cis-1,3-Dichloropropylene			Not detected	0.89	Not detected	0.87
Dichlorodifluoromethane			Not detected	0.89	Not detected	0.87
Ethylbenzene			Not detected	0.89	9.3	0.87
Freon-113			Not detected	0.89	Not detected	0.87
Hexachloro-1,3-Butadiene			Not detected	0.89	Not detected	0.87
Methylene Chloride			2.9 B	0.89	2.9 B	0.87
o-Xylene			Not detected	0.89	4.0	0.87
p- & m-Xylenes			Not detected	0.89	16	0.87

Client Sample ID			SG-19		SG-20	
York Sample ID			03120636-19		03120636-20	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Styrene			Not detected	0.89	Not detected	0.87
Tetrachloroethylene			Not detected	0.89	Not detected	0.87
Toluene			1.8	0.89	1.9	0.87
trans-1,3-Dichloropropylene			Not detected	0.89	Not detected	0.87
Trichloroethylene			Not detected	0.89	Not detected	0.87
Trichlorofluoromethane			Not detected	0.89	Not detected	0.87
Vinyl Chloride			Not detected	0.89	Not detected	0.87

Units Key:

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

#### Notes for York Project No. 03120636

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.

3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.

4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

5. All samples were received in proper condition for analysis with proper documentation.

6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Mu **Approved By** Robert Q. Brade Managing Direct

**Date:** 12/29/2003



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ANALYTICAL L	ABORATORIES,	ING.	Ē	ield	Chain-	of-Custod	y Record	
UNE KE Stamfo (203) 325-137	SEARCH DRIVE RD, CT 06906 1 FAX (203) 357-	-0166				-	03/7	0026.
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Comments/Spec	dal Instructions						<b>7-Around Time</b> Standard RUSH	ł(define)

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ANALYTICAL L	-ABORATORIES, INC.		Field	Chain-c	of-Custody Rec	ord	
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Bottles Receive	ad in Field by Date/Tin	ne Sample R	elinquished by	Date/Tim	e Sample Received in LAB	oy Date/Tim	ne
Comments/Spec	cial Instructions				Tarra-Aroumd Thi Standard	ie RUSH(define)	



# **Technical Report**

prepared for

**Enviroscience Consultants, Inc. 33 Flying Point Road** Suite 208 Southhampton, NY 11968 **Attention: Greg Menegio** 

Report Date: 12/15/2003 Re: Client Project ID: DEP/Soil SDG #3/Maspeth, NY York Project No.: 03110748

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ONE RESEARCH DRIVE

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FAX (203) 357-0166

Report Date: 12/15/2003 Client Project ID: DEP/Soil SDG #3/Maspeth, NY York Project No.: 03110748

#### Enviroscience Consultants, Inc.

33 Flying Point Road Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

#### Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 11/26/03. The project was identified as your project "DEP/Soil SDG #3/Maspeth, NY."

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			SB-9A		SB-9B	
York Sample ID			03110748-01		03110748-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg				
4,4'-DDD			Not detected	10	Not detected	10
4,4'-DDE			Not detected	10	Not detected	10
4,4'-DDT			Not detected	10	Not detected	10
Aldrin			Not detected	10	Not detected	10
alpha-BHC			Not detected	10	Not detected	10
beta-BHC			Not detected	10	Not detected	10
Chlordane			124	50	Not detected	50
delta-BHC			Not detected	10	Not detected	10
Dieldrin			Not detected	10	Not detected	10
Endosulfan I			Not detected	10	Not detected	10
Endosulfan II			Not detected	10	Not detected	10
Endosulfan sulfate			Not detected	10	Not detected	10
Endrin			Not detected	10	Not detected	10
Endrin aldehyde			Not detected	10	Not detected	10
gamma-BHC (Lindane)			Not detected	10	Not detected	10
Heptachlor			Not detected	10	Not detected	10

#### Analysis Results

Vork Sample ID     03110748-01     0911/748-02       Parameter     Method     Units     Results     MDL     Results     MDL       Heptachlor epoxide     Not detected     10     Not detected     50     Not detected     50       Oraphene     Not detected     500     Not detected     500     Not detected     500       1,1_2-Tetrachloroethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1_2-Tetrachloroethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1_2-Tetrachloroethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1_2-Dichloroethylene     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2_3-Trinhetrylbenzene     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2_3-Trinhetrylbenzene     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2_4-Trinhetrylbenzene     Not dete	Client Sample ID			SB-9A		SB-9B	
Matrix     SOL     SOL     Boll       Parameter     Method     Units     Results     MDL     Results     MDL       Methoxychlor     Not detected     50     Not detected     50     Not detected     50       Toxaphene     Not detected     500     Not detected     500     Not detected     500       1.1,2-Tetrachloroethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1.1,2-Trichloroethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1.1,2-Trichloropethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1.1,2-Trichloropethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1.2,3-Trichloropenzane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1.2,3-Trichloropenzane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1.2,3-Trichloropenzane     Not detected	York Sample ID			03110748-01		03110748-02	
Parameter     Method     Units     Results     MDL     Results     MDL       Heptachlor opxide     Not detected     10     Not detected     10     Not detected     50       Valatiles \$200 list     SW846-8260     ag/Kg     —     …     …     …     …     …     …     …     …     …	Matrix	····		SOIL		SOIL	
Heptehlor spoxide     Not detected     10     Not detected     50       Methoxychlor     Not detected     500     Not detected     500       Valatile-5260 list     SW846-8260     ug/Kg          1,1,2-Titchloroethane     Not detected     5.0     Not detected     5.0       1,1,2-Titchloroethane     Not detected     5.0     Not detected     5.0       1,1-Dichloroethane     Not detected     5.0     Not detected     5.0       1,1-Dichloroethane     Not detected     5.0     Not detected     5.0       1,1-Dichloroethylene     Not detected     5.0     Not detected     5.0       1,2,3-Tichloroponylene     Not detected     5.0     Not detected     5.0       1,2,4-Trineltybenzene     Not detected     5.0     Not detected     5.0       1,2,2-Tichloroponynane     Not detected     5.0     Not detected     5.0       1,2,4-Trineltybenzene     Not detected     5.0     Not detected     5.0       1,2-Dichloroethane     Not detected     5.0     Not detected	Parameter	Method	Units	Results	MDL	Results	MDL
Methaxychlor     Not detected     50     Not detected     500       Toxaphene     Not detected     500     Not detected     500     Not detected     500       Valatiles 5260 list     SW846-8260     Not detected     5.0     Not detected     5.0       1,1,12-Tetrachloroethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1.2-Tetrachloroethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1-Dichloroethylene     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2-Trichlorobenzane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2-Trinholtrobenzane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2-Trinholtrobenzane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2-Dichoroethylene     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2-Dichor	Heptachlor epoxide			Not detected	10	Not detected	10
Toxaphene     Not detected     500     Not detected     500       Volatiles-3260 list     SW846-8260     ug/Kg	Methoxychlor	· · · · · · · · · · · · · · · · · · ·		Not detected	50	Not detected	50
Volatiles #260 list     SW846-#260     ug/kg          1,1,1-2-Tertachforoethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1,2-Tertachforoethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1,2-Tertachforoethane     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,1-Dichforoethylene     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2,3-Trichforophylene     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2,3-Trinhotybpenzene     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2,4-Trinhotybpenzene     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2-Dichforobenzene     Not detected     5.0     Not detected     5.0     Not detected     5.0       1,2-Dichforobenzene     Not detected     5.0     Not detected     5.0     Not detected <td>Toxaphene</td> <td></td> <td></td> <td>Not detected</td> <td>500</td> <td>Not detected</td> <td>500</td>	Toxaphene			Not detected	500	Not detected	500
1,1,1-2-Tetrachloroethane   Not detected   5.0   Not detected   5.0     1,1,2-Trichloroethane   Not detected   5.0   Not detected   5.0     1,1,2-Trichloroethane   Not detected   5.0   Not detected   5.0     1,1-Dichloroethane   Not detected   5.0   Not detected   5.0     1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloroethane   Not detected   5.0	Volatiles-8260 list	SW846-8260	ug/Kg				
11,1-Trichloroethane   Not detected   5.0   Not detected   5.0     1,1,2,2-Terrachloroethane   Not detected   5.0   Not detected   5.0     1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichlorophynene   Not detected   5.0   Not detected   5.0     1,2,3-Trichlorophynene   Not detected   5.0   Not detected   5.0     1,2,4-Trinchtynbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trinchtynbenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromoethane   Not detected   5.0   Not detected   5.0     1,2-Dichloroethane   Not detected   5.0	1 1 1 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Terachloroethane   Not detected   5.0   Not detected   5.0     1,1,2-Trichloroethane   Not detected   5.0   Not detected   5.0     1,1-Dichloroethyle   Not detected   5.0   Not detected   5.0     1,1-Dichloroethyle   Not detected   5.0   Not detected   5.0     1,2,3-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,3-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dibloromodyname   Not detected   5.0   Not detected   5.0     1,2-Dichloroethynen   Not detected   5.0	1 1 1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane   Not detected   5.0   Not detected   5.0     1,1-Dichloroethylene   Not detected   5.0   Not detected   5.0     1,1-Dichloroptylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,3-Trichloropopane   Not detected   5.0   Not detected   5.0     1,2,4-Trichloropopane   Not detected   5.0   Not detected   5.0     1,2,4-Trinethylbenzene   Not detected   5.0   Not detected   5.0     1,2-Dibronoethane   Not detected   5.0   Not detected   5.0     1,2-Dibronoethane   Not detected   5.0   Not detected   5.0     1,2-Dichloroethane   Not detected   5.0   Not detected   5.0     1,2-Dichloroethane   Not detected   5.0   Not detected   5.0     1,2-Dichloroethane   Not detected   5.0   Not detected   5.0     1,2-Dichloroptopane   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not	1 1 2 2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
Initial Dickloroethylene     Not detected     5.0     Not detected     5.0       1, 1-Dickloroethylene     Not detected     5.0     Not detected     5.0       1, 2,3-Trickloropopane     Not detected     5.0     Not detected     5.0       1,2,3-Trickloropopane     Not detected     5.0     Not detected     5.0       1,2,3-Trinethylopenzene     Not detected     5.0     Not detected     5.0       1,2,4-Trinethylopenzene     Not detected     5.0     Not detected     5.0       1,2,4-Trinethylopenzene     Not detected     5.0     Not detected     5.0       1,2-Dichorobenzene     Not detected     5.0     Not detected     5.0       1,2-Dichlorobenzene     Not detected     5.0     Not detected     5.0       1,2-Dichloropropane     Not detected     5.0     Not detected     5.0       1,3-Dichloropropane     Not detected     5.0     Not detected     5.0       1,3-Dichloropropane     Not detected     5.0     Not detected     5.0       1,3-Dichloropropane     Not detected     5.0     Not detected <td>1 1 2-Trichloroethane</td> <td></td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	1 1 2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroptpylene   Not detected   5.0   Not detected   5.0     1,1-Dichloroptpylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichloroptpane   Not detected   5.0   Not detected   5.0     1,2,3-Trichloroptpane   Not detected   5.0   Not detected   5.0     1,2,4-Trichloroptpane   Not detected   5.0   Not detected   5.0     1,2-Dibromoethane   Not detected   5.0   Not detected   5.0     1,2-Dibromoethane   Not detected   5.0   Not detected   5.0     1,2-Dibromoethane   Not detected   5.0   Not detected   5.0     1,2-Dichoroptpane   Not detected   5.0   Not detected   5.0     1,2-Dichloroptpane   Not detected   5.0   Not detected   5.0     1,2-Dichloroptpane   Not detected   5.0   Not detected   5.0     1,2-Dichloroptpane   Not detected   5.0   Not detected   5.0     1,3-Dichloroptpane   Not detected   5.0   Not detected   5.0     1,3-Dichloroptpane   Not detected   5.0   Not detected </td <td>1 1-Dichloroethane</td> <td></td> <td></td> <td>Not detected</td> <td>5.0</td> <td>Not detected</td> <td>5.0</td>	1 1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene   Not detected   5.0   Not detected   5.0     1,2,3-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2,3-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2,4-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2,4-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2,4-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloroethane   Not detected   5.0   Not detected   5.0     1,3-Dichloroethane   Not detected   5.0   Not detected   5.0     1,3-Dichloroethane   Not detected   5.0   Not detected   5.0     1,3-Dichloroethane   Not detected   5.0	1 1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,3-Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trinethylbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trinethylbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trinethylbenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromoethane   Not detected   5.0   Not detected   5.0     1,2-Dibromoethane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropopane   Not detected   5.0   Not detected   5.0     1,2-Dichloropopane   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,3-Dichloropopane   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   N	1 1-Dichloropropylene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2,3-Trichloropropane   Not detected   5.0   Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloroptinane   Not detected   5.0   Not detected   5.0     1,2-Dichloroptinane   Not detected   5.0   Not detected   5.0     1,3-Dichloroptinane   Not detected   5.0   Not detected   5.0     1,3-Dichloroptinane   Not detected   5.0   Not detected   5.0     1,3-Dichloroptinane   Not detected   5.0   Not detected   5.0     1,4-Dichloroptinane   Not detected   5.0   Not detected   5.0     1,4-Dichloroptinane   Not detected   5.0	1.2.3-Trichlorobenzene		-	Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloropopane   Not detected   5.0   Not detected   5.0     1,2-Dichloropopane   Not detected   5.0   Not detected   5.0     1,3-Dichloropopane   Not detected   5.0   Not detected   5.0     1,3-Dichloropopane   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichloropopane   Not detected   5.0   Not detected   5.0     1,4-Dichloropopane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0	1.2.3-Trichloropropage	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1,2,4-Trinchlorobenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trinchlybenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dibromo-sene   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropopane   Not detected   5.0   Not detected   5.0     1,3-Dichloropopane   Not detected   5.0   Not detected   5.0     1,3-Dichloropopane   Not detected   5.0   Not detected   5.0     1,4-Dichloropopane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   No	1.2.3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimetrylbenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloroptnane   Not detected   5.0   Not detected   5.0     1,2-Dichloroptnane   Not detected   5.0   Not detected   5.0     1,2-Dichloroptopane   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0	1.2.4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dibromosthane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloroethane   Not detected   5.0   Not detected   5.0     1,2-Dichloroethylene (Total)   Not detected   5.0   Not detected   5.0     1,2-Dichloropenane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0	1.2.4-Trimethylbenzene		<u> </u>	Not detected	5.0	Not detected	5.0
1,2-Dibromethane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloroothane   Not detected   5.0   Not detected   5.0     1,2-Dichloroothylene (Total)   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not	1.2. Dibromo-3-chloropropage			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropentane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     Benzene   Not detected   5.0   Not detected	1.2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane   Not detected   5.0   Not detected   5.0     1,2-Dichloroethylene (Total)   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     3,5-Dichloropropane   Not detected   5.0	1.2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichlorothylene (Total)   Not detected   5.0   Not detected   5.0     1,2-Dichlorothylene (Total)   Not detected   5.0   Not detected   5.0     1,3,5-Trimethylbenzene   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     4-Chlorotoluene   Not detected   5.0   Not detected   5.0     Benzene   Not detected   5.0   Not detected   5.0     Bromochloromethane   Not detected   5.0   Not detected   5.0     Bromochloromethane   Not detected   5.0   Not dete	1.2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     3,3-Dichloropropane   Not detected   5.0   Not detected   5.0     3,4-Chloroblene   Not detected   5.0   Not detected   5.0     3,5-Dichloropromethane   Not detected   5.0   Not detect	1.2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2.5-TrimetylbenzeneNot detected5.0Not detected5.01,3-DichlorobenzeneNot detected5.0Not detected5.01,3-DichloropropaneNot detected5.0Not detected5.01,4-DichlorobenzeneNot detected5.0Not detected5.01,4-DichlorobenzeneNot detected5.0Not detected5.01,4-DichlorobexaneNot detected5.0Not detected5.02,2-DichloropropaneNot detected5.0Not detected5.02,2-DichloropropaneNot detected5.0Not detected5.02,2-DichloropropaneNot detected5.0Not detected5.04-ChlorotolueneNot detected5.0Not detected5.0BenzeneNot detected5.0Not detected5.0BromobenzeneNot detected5.0Not detected5.0BromoformNot detected5.0Not detected5.0BromoformNot detected5.0Not detected5.0BromoformNot detected5.0Not detected5.0ChlorobenzeneNot detected5.0Not detected5.0ChlorobenzeneNot detected5.0Not detected5.0BromoformNot detected5.0Not detected5.0ChlorobenzeneNot detected5.0Not detected5.0ChlorobenzeneNot detected5.0Not detected5.0ChlorobenzeneNot detected5.0N	1.2-Dichloropropage			Not detected	5.0	Not detected	5.0
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11Not detected5.0Not detected5.02.2-DichloropropaneNot detected5.0Not detected5.04-ChlorotolueneNot detected5.0Not detected5.0BenzeneNot detected5.0Not detected5.0BromobenzeneNot detected5.0Not detected5.0BromochloromethaneNot detected5.0Not detected5.0BromochloromethaneNot detected5.0Not detected5.0BromoformNot detected5.0Not detected5.0BromomethaneNot detected5.0Not detected5.0BromoformNot detected5.0Not detected5.0Carbon tetrachlorideNot detected5.0Not detected5.0ChlorobenzeneNot detected5.0Not detected5.0ChloroformNot detected5.0Not detected5.0ChloroformNot detected5.0Not detected5.0ChloromethaneNot detected5.0Not detected5.0ChloroformNot detected5.0Not detected5.0ChloromethaneNot detected5.0Not detected5.0ChloromethaneNot detected5.0Not detected5.0ChloromethaneNot detected5.0Not detected5.0ChloromethaneNot detected5.0Not detected5.0DibromochloromethaneNot detected5.0Not detected5.0<	1-Chlorobexane	· ···		Not detected	5.0	Not detected	5.0
2.2 Chlorotoluene   Not detected   5.0   Not detected   5.0     4-Chlorotoluene   Not detected   5.0   Not detected   5.0     Benzene   Not detected   5.0   Not detected   5.0     Bromobenzene   Not detected   5.0   Not detected   5.0     Bromochloromethane   Not detected   5.0   Not detected   5.0     Bromodichloromethane   Not detected   5.0   Not detected   5.0     Carbon tetrachloride   Not detected   5.0   Not detected   5.0     Chlorobenzene   Not detected   5.0   Not detected   5.0     Chloroform   Not detected   5.0   Not detected   5.0     Chloromethane   Not detected   5.0   Not detected   5.0	2 2-Dichloronronane		-	Not detected	5.0	Not detected	5.0
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Dichlorodifluoromethane   Not detected   5.0   Not detected   5.0     Dichlorodifluoromethane   Not detected   5.0   Not detected   5.0     Ethylbenzene   Not detected   5.0   Not detected   5.0     Hexachlorobutadiene   Not detected   5.0   Not detected   5.0     Isopropylbenzene   Not detected   5.0   Not detected   5.0     Methylene chloride   Not detected   5.0   Not detected   5.0     Naphthalene   Not detected   5.0   Not detected   5.0	Dibromomethane			Not detected	5.0	Not detected	5.0
Ethylbenzene   Not detected   5.0   Not detected   5.0     Hexachlorobutadiene   Not detected   5.0   Not detected   5.0     Hexachlorobutadiene   Not detected   5.0   Not detected   5.0     Isopropylbenzene   Not detected   5.0   Not detected   5.0     Methylene chloride   Not detected   5.0   Not detected   5.0     Naphthalene   Not detected   5.0   Not detected   5.0     Not detected   5.0   Not detected   5.0	Dichlorodifluoromethane	-		Not detected	5.0	Not detected	5.0
Hexachlorobutadiene Not detected 5.0 Not detected 5.0   Hexachlorobutadiene Not detected 5.0 Not detected 5.0   Isopropylbenzene Not detected 5.0 Not detected 5.0   Methylene chloride Not detected 5.0 Not detected 5.0   Naphthalene Not detected 5.0 Not detected 5.0   Not detected 5.0 Not detected 5.0	Ethylbenzene			Not detected	5.0	Not detected	5.0
Isopropylbenzene Not detected 5.0 Not detected 5.0   Methylene chloride Not detected 5.0 Not detected 5.0   Naphthalene Not detected 5.0 Not detected 5.0   Not detected 5.0 Not detected 5.0   Not detected 5.0 Not detected 5.0	Hexachlorobutadiene	·		Not detected	5.0	Not detected	5.0
Methylene chloride Not detected 5.0 Not detected 5.0   Maphthalene Not detected 5.0 Not detected 5.0   Not detected 5.0 Not detected 5.0	Isopropylhenzene	+		Not detected	5.0	Not detected	5.0
Not detected 5.0 Not detected 5.0   Naphthalene Not detected 5.0 Not detected 5.0   n_Butylbenzene Not detected 5.0 Not detected 5.0	Methylene chloride			Not detected	5.0	Not detected	5.0
n_Butylbenzene Not detected 5.0 Not detected 5.0	Nanhthalene			Not detected	5.0	Not detected	5.0
	n_Rutylhenzene			Not detected	5.0	Not detected	5.0

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Client Sample ID			SB-9A		SB-9B	
York Sample ID			03110748-01		03110748-02	
Matrix		-	SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
n-Isopronyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Tohuene			Not detected	5.0	Not detected	5.0
trans-1 3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc (BN)	SW846-8270	uø/kG				
A cenaphthene	5 11 040 02 10	ug/RO	Not detected	330	Not detected	330
Acenaphthelene			Not detected	330	Not detected	330
Anthracene			Not detected	330	Not detected	330
Renzo[a]anthracene			480	330	Not detected	330
Benzolalpurene			390	330	Not detected	330
Benzo[h]fluoranthene			510	330	Not detected	330
Benzolo h ilnomilana			Not detected	330	Not detected	330
Denzell/Huerenthene			680	330	Not detected	330
Chrusene			520	330	Not detected	330
Diherala hlanthrasana	l		Not detected	330	Not detected	330
Elucronthono	·····		910	330	Not detected	330
Fluorantilelle			Not detected	330	Not detected	330
Indepo[1.2.3.ad]murana			Not detected	330	Not detected	330
Nanhthalana	····-		Not detected	330	Not detected	330
Dhananthrana			870	330	Not detected	330
Pirena			770	330	Not detected	330
Pytene PCP	SW046 2550D/0002	ma/Va	110	550		550
PCB 1016	5 W 840-5550D/8082	ng/Kg	Not detected	0.02	Not detected	0.02
PCB 1010			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232	1		Not detected	0.02	Not detected	0.02
PCB 1242		<u></u>	Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			0.04	0.02	Not detected	0.02
PCB 1260			0.14	0.02	Not detected	0.02
PCB, Total	CN1046 (010		0.78	0.02	Not detected	0.02
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg		1.00	22(0	1.00
Aluminum			8360	1.00	Z300	1.00
Antimony			Not detected	1.00	Not detected	1.00
Arsenic			34.1	1.00	Not detected	1.00
Barium			159	1.00	25.4	1.00
Beryllium		<u> </u>	Not detected	0.500	Not detected	0.500
Cadmium		ļ	0.85	0.500	Not detected	0.500
Calcium		<u> </u>	3910	2.00	4510	2.00
Chromium		l	21.7	0.500	5.41	0.500
Cobalt		<u> </u>	9.77	1.00	3.40	1.00
Copper		ļ	200	1.00	13.6	1.00
Iron			17800	1.00	6010	1.00

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Client Sample ID			SB-9A		SB-9B	
York Sample ID			03110748-01		03110748-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead			431	1.00	3.99	1.00
Magnesium		T	1900	2.00	2400	2.00
Manganese			328	1.00	171	1.00
Nickel			14.6	1.00	4.97	1.00
Potassium			655	3.00	617	3.00
Selenium			13.6	1.00	2.18	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			1830	5.00	345	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			18.8	2.00	7.96	2.00
Zinc			728	2.00	20.6	2.00
Mercury	SW846-7471	mg/kG	1.44	0.10	0.11	0.10

**Units Key:** For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

#### Notes for York Project No. 03110748

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.

3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.

4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

5. All samples were received in proper condition for analysis with proper documentation.

6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:\_\_\_\_\_ Robert Q. Bradley Managing Director

Date: 12/15/2003


	<u>UUC</u>					Page / of /
ANALYTICAL L	ABORATORIES, INC.	_	Fielc	I Chain-	of-Custody Recor	
02 00 RE RE Stamfo (203) 325-137	зебалсн Drive Rd, CT 06906 1 Fax (203) 357-0166					SULDIUS
<b>Company</b>	Name Re	sport To:	Invoice To:	Proj	ect ID/No.	
ENVIOSEL Carser He	ure Gre	Menegio	Same	iled Sal:	St. Maxalh, ry Core Mere	(Tected By (Signature) 신소/ () fing (Printed)
Sample No.	Location/ID	Date	Sampled Water	ample Matrix Soil Air DTHER	ANALYSES REQUESTED	Container Description(s)
NATJ2	SB-9A	1/19	63	×	UDGS, SUBSLAND OUL) Prits/PPBS, The Therhols	708 ×
<b>P</b> ACECH	SB-9B	•		×	•	¥
JIJS						
NAIKC						
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P3T28						
A Chain-of-Cust	ody Record					
Bottles Refingue	Shed from Lab by	ate/Time	Sample Relinquished by	Date/Ti	me Sample Received by	Date/Time
25 Bottles Receiv	ed in field by	hte/Time	Sample Retinquished by	Date/Ti	me Sample Received in LAB by	Date/Tume
11 Comments/Spe	cial instructions N	490 CON I	s Deliverables		Turn-Around Time	(USH(define)
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NC-NYCDEP-00000591



# **Technical Report**

prepared for

Enviroscience Consultants, Inc. **33 Flying Point Road** Suite 208 Southhampton, NY 11968 **Attention: Greg Menegio** 

Report Date: 12/5/2003 Re: Client Project ID: DEP/Water SDG 1 57-15 49th St., Maspeth, NY York Project No.: 03110578

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STAMFORD, CT 06906 (203) 325-1371 Page 1 of 20

FAX (203) 357-0166

NC-NYCDEP-00000592

Report Date: 12/5/2003 Client Project ID: DEP/Water SDG 1 57-15 49<sup>th</sup> St., Maspeth, NY York Project No.: 03110578

Enviroscience Consultants, Inc.

33 Flying Point Road, Suite 208 Southhampton, NY 11968 Attention: Greg Menegio

#### Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 11/20/03. The project was identified as your project "DEP/Water SDG/157-15 49<sup>th</sup> St., Maspeth, NY ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			TB-11/19	
York Sample ID			03110578-01	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L		
1,1,1,2-Tetrachloroethane			Not detected	1
1,1,1-Trichloroethane			Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1
1,1,2-Trichloroethane			Not detected	1
1,1-Dichloroethane			Not detected	1
1,1-Dichloroethylene			Not detected	1
1,1-Dichloropropylene			Not detected	1
1,2,3-Trichlorobenzene			Not detected	1
1,2,3-Trichloropropane			Not detected	1
1,2,3-Trimethylbenzene			Not detected	1
1,2,4-Trichlorobenzene			Not detected	1
1,2,4-Trimethylbenzene			Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1
1,2-Dibromoethane			Not detected	1
1,2-Dichlorobenzene			Not detected	1
1,2-Dichloroethane			Not detected	1

#### Analysis Results

Client Sample ID			TB-11/19	
York Sample ID			03110578-01	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	1
1,2-Dichloropropane			Not detected	1
1,3,5-Trimethylbenzene			Not detected	1
1,3-Dichlorobenzene			Not detected	1
1,3-Dichloropropane			Not detected	1
1,4-Dichlorobenzene			Not detected	1
1-Chlorohexane			Not detected	1
2,2-Dichloropropane			Not detected	1
2-Chlorotoluene			Not detected	1
4-Chlorotoluene			Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	1
Bromochloromethane			Not detected	1
Bromodichloromethane			Not detected	1
Bromoform			Not detected	1
Bromomethane			Not detected	1
Carbon tetrachloride			Not detected	1
Chlorobenzene			Not detected	1
Chloroethane			Not detected	1
Chloroform			Not detected	1
Chloromethane			Not detected	1
cis-1,3-Dichloropropylene			Not detected	1
Dibromochloromethane			Not detected	1
Dibromomethane			Not detected	1
Dichlorodifluoromethane			Not detected	1
Ethylbenzene			Not detected	1
Hexachlorobutadiene			Not detected	1
Isopropylbenzene			Not detected	1
Methylene chloride			1	1
Naphthalene			Not detected	1
n-Butylbenzene			Not detected	1
n-Propylbenzene			Not detected	1
o-Xylene			Not detected	1
p- & m-Xylenes			Not detected	1
p-Isopropyltoluene			Not detected	1
sec-Butylbenzene			Not detected	1
Styrene			Not detected	1
tert-Butylbenzene			Not detected	1
Tetrachloroethylene			Not detected	1
Toluene			Not detected	1
trans-1,3-Dichloropropylene			Not detected	1
Trichloroethylene			Not detected	1
Trichlorofluoromethane			Not detected	1
Vinyl chloride			Not detected	1

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York Sample ID     03110578-02     03110578-03       Parameter     Method     Unix     Results     WATER     WATER       Parameter     Method     Unix     Results     MDL     Results     MDL       Parameter     SW846-3510C/8081     ugL           4,4-DDE     Not detected     0.05     Not detected     0.05     Not detected     0.05       4,4-DDE     Not detected     0.05     Not detected     0.05     Not detected     0.05       alpha-BHC     Not detected     0.05     Not detected     0.05     Not detected     0.05       Chordanc     Not detected     0.05     Not detected     0.05     Not detected     0.05       Dicktrin     Not detected     0.05     Not detected     0.05     Not detected     0.05       Endosuffan I     Not detected     0.05     Not detected     0.05     Not detected     0.05       Brodsuffan II     Not detected     0.05     Not detected     0.05     Not detected     0.05	Client Sample ID			GP-1		GP-2	
Matrix     Method     Units     Results     MDL       Pesticides 8000 List water     SW846-3510C/8081     ug/L	York Sample ID			03110578-02		03110578-03	
ParameterMethodUnitsResultsMDLMDLPeritcides 8080 List waterSW846-3510C/8081ug/L4,4'DDDNot detected0.05Not detected0.05Not detected0.054,4'DDTNot detected0.05Not detected0.05Not detected0.05AldrinNot detected0.05Not detected0.05Not detected0.05alpha-BHCNot detected0.05Not detected0.05Not detected0.05beta-BHCNot detected0.05Not detected0.05Not detected0.05ChlordaneNot detected0.05Not detected0.05Not detected0.05DickfrinNot detected0.05Not detected0.05Not detected0.05Endosulfan IINot detected0.05Not detected0.05Not detected0.05Endosulfan SuffacNot detected0.05Not detected0.05Not detected0.05gamma-BHC (Lindane)Not detected0.05Not detected0.05Not detected0.05HeptachlorNot detected0.05Not detected0.05Not detected0.05Heptachlor epoxideNot detected0.05Not detected0.05Not detected0.05Heptachlor epoxideSW846-8260ug/L	Matrix	······································		WATER		WATER	
Pesticides 8080 List water     SW846-3510C/8081     ug/L	Parameter	Method	Units	Results	MDL	Results	MDL
4,4-DDD     Not detected     0.05     Not detected     0.05       4,4-DDT     Not detected     0.05     Not detected     0.05       Aldrin     Not detected     0.05     Not detected     0.05       alpha-BHC     Not detected     0.05     Not detected     0.05       beta-BHC     Not detected     0.05     Not detected     0.05       Chlordane     Not detected     0.05     Not detected     0.05       Dieldrin     Not detected     0.05     Not detected     0.05       Endosulfan 1     Not detected     0.05     Not detected     0.05       Endosulfan suffate     Not detected     0.05     Not detected     0.05       Endosulfan suffate     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05       Bardrin aldehyde     Not detected     0.05     Not detected     0.05       Gamma-BHC (Lindane)     Not detected     0.05     Not detected     0.05       Heptachlor     Poxide	Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4.4'DDE     Not directed     0.05     Not directed     0.05       Aldrin     Not directed     0.05     Not directed     0.05       alpha-BHC     Not directed     0.05     Not directed     0.05       beta-BHC     Not directed     0.05     Not directed     0.05       Chlordane     Not directed     0.05     Not directed     0.05       Dielarin     Not directed     0.05     Not directed     0.05       Dielarin     Not directed     0.05     Not directed     0.05       Endosulfan II     Not directed     0.05     Not directed     0.05       Endosulfan II     Not directed     0.05     Not directed     0.05       Endosulfan II     Not directed     0.05     Not directed     0.05       Endosulfan Sufate     Not directed     0.05     Not directed     0.05       Gamma-BHC (Lindare)     Not directed     0.05     Not directed     0.05       Heptachlor epoxide     Not directed     0.05     Not directed     0.05       Heptachlor epoxide     Not di	4,4'-DDD			Not detected	0.05	Not detected	0.05
4.4'DDT     Not detected     0.05     Not detected     0.05       Aldrin     Not detected     0.05     Not detected     0.05       alpha-BHC     Not detected     0.05     Not detected     0.05       beta-BHC     Not detected     0.05     Not detected     0.05       Chlordane     Not detected     0.02     Not detected     0.05       Dieldrin     Not detected     0.05     Not detected     0.05       Endosulfan I     Not detected     0.05     Not detected     0.05       Endosulfan II     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05       Gamma-BHC (Lindane)     Not detected     0.05     Not detected     0.05       Heptachlor     Not detected     0.05     Not detected     0.05       Mot detected     0.05     Not detected     0.05     Not detected     0.05       Mot detected     0.05	4,4'-DDE			Not detected	0.05	Not detected	0.05
Aldrin   Not detected   0.05   Not detected   0.05     alpha-BHC   Not detected   0.05   Not detected   0.05     beta-BHC   Not detected   0.05   Not detected   0.05     Chlordane   Not detected   0.05   Not detected   0.05     Dieldrin   Not detected   0.05   Not detected   0.05     Endosulfan I   Not detected   0.05   Not detected   0.05     Endosulfan II   Not detected   0.05   Not detected   0.05     Endosulfan II   Not detected   0.05   Not detected   0.05     Endosulfan sulfate   Not detected   0.05   Not detected   0.05     Endrin aldehyde   Not detected   0.05   Not detected   0.05     gamma-BHC (Lindane)   Not detected   0.05   Not detected   0.05     Heptachlor epoxide   Not detected   0.05   Not detected   0.05     Methoxychlor   Not detected   0.2   Not detected   0.2   Not detected   0.2     Toxaphene   Wot detected   0.2   Not detected   1	4.4'-DDT			Not detected	0.05	Not detected	0.05
alpha-BHC   Not detected   0.05   Not detected   0.05     beta-BHC   Not detected   0.05   Not detected   0.05     Chlordane   Not detected   0.2   Not detected   0.2     delta-BHC   Not detected   0.05   Not detected   0.05     Dieldrin   Not detected   0.05   Not detected   0.05     Endosulfan I   Not detected   0.05   Not detected   0.05     Endosulfan suffate   Not detected   0.05   Not detected   0.05     Endrin aldehyde   Not detected   0.05   Not detected   0.05     Endrin   Not detected   0.05   Not detected   0.05     Gamma-BHC (Lindane)   Not detected   0.05   Not detected   0.05     Heptachlor poxide   Not detected   0.05   Not detected   0.05     Heptachlor poxide   Not detected   0.05   Not detected   0.05     Methoxychlor   Not detected   0.05   Not detected   0.05     Volatiles-8260 list   SW846-8260   ug/L	Aldrin			Not detected	0.05	Not detected	0.05
beta-BHC     Not detected     0.05     Not detected     0.05       Chlordane     Not detected     0.25     Not detected     0.25       Gelta-BHC     Not detected     0.05     Not detected     0.05       Diddrin     Not detected     0.05     Not detected     0.05       Endosulfan I     Not detected     0.05     Not detected     0.05       Endosulfan sulfate     Not detected     0.05     Not detected     0.05       Endrin aldehyde     Not detected     0.05     Not detected     0.05       gamma-BHC (Lindane)     Not detected     0.05     Not detected     0.05       Heptachlor epoxide     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.05     Not detected     0.05       Mot detected     0.05     Not detected     0.05     Not detected     0.05       Mot detected     0.05     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.05     Not detected     0.05     No	alpha-BHC			Not detected	0.05	Not detected	0.05
Chlordane     Not detected     0.2     Not detected     0.2       delta-BHC     Not detected     0.05     Not detected     0.05       Dieldrin     Not detected     0.05     Not detected     0.05       Endosulfan II     Not detected     0.05     Not detected     0.05       Endosulfan sulfate     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05       Gamma-BHC (Lindane)     Not detected     0.05     Not detected     0.05       Heptachlor     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.05     Not detected     0.05       Toxaphene     SW846-8260     ug/L         1,1,2-Tetrachloroethane     Not detected     1     Not detected     1       1,1,2-Trichloroethane     Not detected     1     Not detected     1       1,1,2-Trichloroethane     Not detecte	beta-BHC			Not detected	0.05	Not detected	0.05
delta-BHC Not detected 0.05 Not detected 0.05   Dieldrin Not detected 0.05 Not detected 0.05   Endosulfan I Not detected 0.05 Not detected 0.05   Endosulfan sulfate Not detected 0.05 Not detected 0.05   Endosulfan sulfate Not detected 0.05 Not detected 0.05   Endrin Not detected 0.05 Not detected 0.05   Gamma-BHC (Lindane) Not detected 0.05 Not detected 0.05   Heptachlor epoxide Not detected 0.05 Not detected 0.05   Methoxychlor Not detected 0.05 Not detected 0.05   Methoxychlor Not detected 0.05 Not detected 0.05   Volatiles 3260 list SW846-8260 ug/L      1,1,2.7-Tertachloroethane Not detected 1 Not detected 1   1,1,2.7-Tertachloroethane Not detected 1 Not detected 1   1,1,2.7-Trichloroethane Not detected 1 Not detected 1   1,1,2.7-Trichloroethane Not detected 1 Not detected 1   1,2.7-Trichloroethane Not detecte	Chlordane			Not detected	0.2	Not detected	0.2
Dieldrin     Not detected     0.05     Not detected     0.05       Endosulfan I     Not detected     0.05     Not detected     0.05       Endosulfan II     Not detected     0.05     Not detected     0.05       Endosulfan sulfate     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05       gamma-BHC (Lindane)     Not detected     0.05     Not detected     0.05       Heptachlor     Not detected     0.05     Not detected     0.05       Heptachlor epoxide     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.2     Not detected     0.2       Toxaphene     Not detected     1     Not detected     1       1,1,2-Tertachloroethane     Not detected     1     Not detected     1       1,1,2-Tichloroethane     Not detected     1     Not detected     1       1,1,2-Tichloroethane     Not detected     1     Not detected     1       1,1,2-Tichloroethane	delta-BHC			Not detected	0.05	Not detected	0.05
Endosulfan I   Not detected   0.05   Not detected   0.05     Endosulfan uit   Not detected   0.05   Not detected   0.05     Endosulfan sulfate   Not detected   0.05   Not detected   0.05     Endrin aldehyde   Not detected   0.05   Not detected   0.05     Endrin aldehyde   Not detected   0.05   Not detected   0.05     gamma-BHC (Lindane)   Not detected   0.05   Not detected   0.05     Heptachlor   Not detected   0.05   Not detected   0.05     Methoxychlor   Not detected   0.05   Not detected   0.05     Methoxychlor   Not detected   0.22   Not detected   0.22     Toxaphene   Not detected   1   Not detected   1   Not detected   1     1,1,2-Tiethoroethane   Not detected   1   Not detected   1   Not detected   1     1,1,2-Tirchkloroethane   Not detected   1   Not detected   1   Not detected   1     1,1,2-Tirchkloroethane   Not detected   1   Not detected   1   Not detected	Dieldrin			Not detected	0.05	Not detected	0.05
Endosulfan II   Not detected   0.05   Not detected   0.05     Endrin   Not detected   0.05   Not detected   0.05     Endrin   Not detected   0.05   Not detected   0.05     Endrin aldehyde   Not detected   0.05   Not detected   0.05     gamma-BHC (Lindane)   Not detected   0.05   Not detected   0.05     Heptachlor epoxide   Not detected   0.05   Not detected   0.05     Methoxychlor   Not detected   0.05   Not detected   0.05     Toxaphene   Not detected   0.05   Not detected   2.0     Volatiles-8260 list   SW846-8260   ug/L        1,1,2-Tetrachloroethane   Not detected   1   Not detected   1   1     1,1,2-Trichloroethane   Not detected   1   Not detected   1   Not detected   1     1,1-Dichloroethane   Not detected   1   Not detected   1   Not detected   1     1,1-Dichloroethane   Not detected   1   Not detected   1   Not detected   1 <td>Endosulfan I</td> <td></td> <td></td> <td>Not detected</td> <td>0.05</td> <td>Not detected</td> <td>0.05</td>	Endosulfan I			Not detected	0.05	Not detected	0.05
Endosulfan sulfate     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05       gamma-BHC (Lindane)     Not detected     0.05     Not detected     0.05       Heptachlor     Not detected     0.05     Not detected     0.05       Heptachlor spoxide     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.05     Not detected     0.05       Toxaphene     Not detected     0.2     Not detected     0.2       Volatiles-820 list     SW846-8260     ug/L         1,1,12-Tetrachloroethane     Not detected     1     Not detected     1       1,1,2-Tetrachloroethane     Not detected     1     Not detected     1       1,1,12-Tetrachloroethane     Not detected     1     Not detected     1       1,1,2-Tetrachloroethane     Not detected     1     Not detected     1       1,1,2-Tirchloroethane     Not detected     1     Not detected     1       1,2-Dic	Endosulfan II			Not detected	0.05	Not detected	0.05
Endrin     Not detected     0.05     Not detected     0.05       Endrin aldehyde     Not detected     0.05     Not detected     0.05       gamma-BHC (Lindare)     Not detected     0.05     Not detected     0.05       Heptachlor epoxide     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.02     Not detected     0.2       Toxaphene     Not detected     1.0     Not detected     1.0       1,1,1_2-Tetrachloroethane     Not detected     1     Not detected     1       1,1,1_2-Tetrachloroethane     Not detected     1     Not detected     1       1,1,2_2-Tetrachloroethane     Not detected     1     Not detected     1       1,1_2-Trichloroethane     Not detected     1     Not detected     1       1,1_1-Dichloroethane     Not detected     1     Not detected     1       1,1_2-Dichloroethane     Not detected     1     Not detected     1       1,1_2-Dichloroethane     Not detected     1     Not detected     1	Endosulfan sulfate			Not detected	0.05	Not detected	0.05
Endrin aldehyde     Not detected     0.05     Not detected     0.05       gamma-BHC (Lindane)     Not detected     0.05     Not detected     0.05     Not detected     0.05       Heptachlor poxide     Not detected     0.05     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.2     Not detected     0.2     Not detected     0.2       Toxaphene     Not detected     1.2     Not detected     1.2     Not detected     1.2     1.1       1,1,1,2-Tetrachloroethane     Not detected     1     Not detected     1     Not detected     1     1.1     Not detected     1     1.1 <td>Endrin</td> <td></td> <td></td> <td>Not detected</td> <td>0.05</td> <td>Not detected</td> <td>0.05</td>	Endrin			Not detected	0.05	Not detected	0.05
gamma-BHC (Jindane)     Not detected     0.05     Not detected     0.05       Heptachlor epoxide     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.2     Not detected     0.2       Toxaphene     Not detected     2.0     Not detected     2.0       Volatiles8260 list     SW846-8260     ug/L         1,1,2-Tetrachloroethane     Not detected     1     Not detected     1       1,1,2-Trichloroethane     Not detected     1     Not detected     1       1,1-Dichloroethane     Not detected     1     Not detected     1       1,1-Dichloroethylene     Not detected     1     Not detected     1       1,1-Dichloroethylene     Not detected     1     Not detected     1       1,2,3-Trichlorobenzene     Not detected     1     Not detected     1       1,2,4-Trichlorobenzene     Not detected     1     Not detected     1       1,2,4-Trineh	Endrin aldehvde			Not detected	0.05	Not detected	0.05
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Volatile-8260 listSW846-8260ug/L1,1,1,2-TetrachloroethaneNot detected1Not detected11,1,2-TetrachloroethaneNot detected1Not detected11,1,2-TrichloroethaneNot detected1Not detected11,1,2-TrichloroethaneNot detected1Not detected11,1,2-TrichloroethaneNot detected1Not detected11,1-DichloroethaneNot detected1Not detected11,1-DichloroptyleneNot detected1Not detected11,2,3-TrichloroppaneNot detected1Not detected11,2,3-TrichloroppaneNot detected1Not detected11,2,4-TrichloroppaneNot detected1Not detected11,2,2,4-TrichloroppaneNot detected1Not detected11,2,2,4-TrichloroppaneNot detected1Not detected11,2,2,4-TrichloroppaneNot detected1Not detected11,2,2,1-TrimethylbenzeneNot detected1Not detected11,2,2,1-TrimethylbenzeneNot detected1Not detected11,2,2-DichloroppaneNot detected1Not detected11,2,2-DichloroppaneNot detected1Not detected11,2,2-DichloroppaneNot detected1Not detected11,2,2-DichloroppaneNot detected1Not detected11,2,2-Di	Toxanhene			Not detected	2.0	Not detected	2.0
1,1,2-Tetrachloroethane   Not detected   1   Not detected   1     1,1,2-Tetrachloroethane   Not detected   1   Not detected   1     1,1,2-Tetrachloroethane   Not detected   1   Not detected   1     1,1,2-Trichloroethane   Not detected   1   Not detected   1     1,1-Dichloroethane   Not detected   1   Not detected   1     1,1-Dichloroethylene   Not detected   1   Not detected   1     1,2,3-Trichloroppylene   Not detected   1   Not detected   1     1,2,3-Trichloroppane   Not detected   1   Not detected   1     1,2,3-Trichloropenzene   Not detected   1   Not detected   1     1,2,4-Trimethylbenzene   Not detected   1   Not detected   1     1,2,4-Trimethylbenzene   Not detected   1   Not detected   1     1,2-Dichloroebnzene   Not detected   1   Not detected   1     1,2,2-Dichloroebnzene   Not detected   1   Not detected   1     1,2-Dichloroebnzene   Not detected   1   Not detected   1	Volatiles-8260 list	SW846-8260	110/L				
1,1,11.1	1 1 1 2-Tetrachloroethane	511010 0200	<u> </u>	Not detected	1	Not detected	1
1,1,2,2-TetrachloroethaneNot detected1Not detected11,1,2-TrichloroethaneNot detected1Not detected11,1-DichloroethaneNot detected1Not detected11,1-DichloroethaneNot detected1Not detected11,1-DichloropropyleneNot detected1Not detected11,2,3-TrichloropropaneNot detected1Not detected11,2,3-TrichloropenzeneNot detected1Not detected11,2,3-TrichlorobenzeneNot detected1Not detected11,2,3-TrichlorobenzeneNot detected1Not detected11,2,4-TrinethylbenzeneNot detected1Not detected11,2,4-TrinethylbenzeneNot detected1Not detected11,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-DibromoethaneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3,5-TrinethylbenzeneNot detected1Not detected11,3,5-TrinethylbenzeneNot detected1Not detected11,3,5-Tri	1 1 1-Trichloroethane			Not detected	1	Not detected	1
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1,1-DichloroethaneNot detected11,1-DichloroethyleneNot detected11,1-DichloropropyleneNot detected11,2,3-TrichlorobenzeneNot detected11,2,3-TrichlorobenzeneNot detected11,2,3-TrichlorobenzeneNot detected11,2,3-TrichlorobenzeneNot detected11,2,3-TrichlorobenzeneNot detected11,2,4-TrichlorobenzeneNot detected11,2,4-TrichlorobenzeneNot detected11,2,4-TrichlorobenzeneNot detected11,2-Dibrono-3-chloropropaneNot detected11,2-Dibromo-3-chloropropaneNot detected11,2-DibromoethaneNot detected11,2-DibronoethaneNot detected11,2-DichlorobenzeneNot detected11,2-DichloropropaneNot detected11,2-DichloropenzeneNot detected11,2-DichloropenzeneNot detected11,2-DichloropropaneNot detected11,2-DichloropropaneNot detected11,2-DichloropropaneNot detected11,3-DichloropropaneNot detected11,3-DichlorobenzeneNot detected11,3-DichloropropaneNot detected11,3-DichlorobenzeneNot detected11,3-DichloropenzeneNot detected11,4-DichlorobenzeneNot detected11,4-DichlorobenzeneNot detected11,4-Dichlorobenzene<	1 1 2-Trichloroethane			Not detected	1	Not detected	1
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1.1-DichloropropyleneNot detected11,2,3-TrichloropropyleneNot detected11,2,3-TrichloropropaneNot detected11,2,3-TrichloropropaneNot detected11,2,3-TrimethylbenzeneNot detected11,2,4-TrimethylbenzeneNot detected11,2,4-TrimethylbenzeneNot detected11,2,4-TrimethylbenzeneNot detected11,2,4-TrimethylbenzeneNot detected11,2,2-Dibromo-3-chloropropaneNot detected11,2-Dibromo-3-chloropropaneNot detected11,2-DichlorobenzeneNot detected11,2-DichlorobenzeneNot detected11,2-DichloropropaneNot detected11,2-DichloropropaneNot detected11,2-DichloropropaneNot detected11,2-DichloropropaneNot detected11,2-DichloropropaneNot detected11,3-DichloropropaneNot detected11,3-DichloropropaneNot detected11,3-DichloropropaneNot detected11,4-DichloropropaneNot detected11,4-DichloropropaneNot detected11,4-DichloropropaneNot detected11,4-DichloropropaneNot detected11,4-DichloropropaneNot detected11,4-DichloropropaneNot detected11,4-DichloropropaneNot detected11,4-DichloropropaneNot detected11,4-Dichloro	1 1-Dichloroethylene		+	Not detected	1	Not detected	1
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1,2,3-TrichloropropaneNot detected1Not detected1,2,3-TrimethylbenzeneNot detected1Not detected11,2,4-TrichlorobenzeneNot detected1Not detected11,2,4-TrimethylbenzeneNot detected1Not detected11,2,4-TrimethylbenzeneNot detected1Not detected11,2,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-DichlorobenzeneNot detected1Not detected11,2-DichlorobenzeneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,2-DichloropopaneNot detected1Not detected11,2-DichloropopaneNot detected1Not detected11,2-DichloropopaneNot detected1Not detected11,2-DichloropopaneNot detected1Not detected11,3-DichloropopaneNot detected1Not detected11,3-DichloropopaneNot detected1Not detected11,3-DichloropopaneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,3-DichloropopaneNot detected1Not detected11,4-DichloropenzeneNot detected1Not detected11,4-DichloropenzeneNot dete	1 2 3-Trichlorobenzene			Not detected	1	Not detected	1
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1,2,4-TrimethylbenzeneNot detected1Not detected11,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-DibromoethaneNot detected1Not detected11,2-DichlorobenzeneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,2-Dichloroethylene (Total)Not detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,4-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3-Dichloropropane	1.2.4-Trichlorobenzene	· · · <del>- · -</del>		Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-DibromoethaneNot detected1Not detected11,2-DichlorobenzeneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,2-Dichloroethylene (Total)Not detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-Dichloroethylene (Total)Not detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,4-DichloropropaneNot detected1Not detected11,4-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-Dichloropropane <td< td=""><td>1 2 4-Trimethylbenzene</td><td></td><td></td><td>Not detected</td><td>1</td><td>Not detected</td><td>1</td></td<>	1 2 4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-DibromoethaneNot detected1Not detected1,2-DichlorobenzeneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,2-Dichloroethylene (Total)Not detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1 </td <td>1.2-Dibromo-3-chloropropane</td> <td></td> <td></td> <td>Not detected</td> <td>1</td> <td>Not detected</td> <td>1</td>	1.2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-DichlorobenzeneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,2-Dichloroethylene (Total)Not detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichlorobenzeneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected14,-ChlorotolueneNot detected1Not detected14,-ChlorotolueneNot detected	1.2-Dibromoethane		1	Not detected	1	Not detected	1
1,2-DichloroethaneNot detected1Not detected11,2-Dichloroethylene (Total)Not detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected14-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected14-ChlorobenzeneNot detected1Not detected14-ChlorobenzeneNot detected1	1.2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)Not detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,4-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected14-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromobenzeneNot detected1Not detected1BromobenzeneNot detected1Not detected<	1.2-Dichloroethane		1	Not detected	1	Not detected	1
1,2-DichloropropaneNot detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected14-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected14-ChlorobenzeneNot detected1Not detected14-ChlorobenzeneNot detected1Not detected14-ChlorobenzeneNot detected1Not detected14-ChlorobenzeneNot detected1Not detected	1.2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,3,2 TrimetrylbenzeneNot detected11,3,5-TrimethylbenzeneNot detected11,3-DichlorobenzeneNot detected11,3-DichloropropaneNot detected11,3-DichlorobenzeneNot detected11,4-DichlorobenzeneNot detected11,4-DichlorobenzeneNot detected11,2-DichloropropaneNot detected11,2-DichloropropaneNot detected11,2-DichloropropaneNot detected11,2-DichloropropaneNot detected12,2-DichloropropaneNot detected12-ChlorotolueneNot detected14-ChlorotolueneNot detected11BenzeneNot detected11BenzeneNot detected11Not detected1 <t< td=""><td>1 2-Dichloropropane</td><td></td><td></td><td>Not detected</td><td>1 1</td><td>Not detected</td><td>1</td></t<>	1 2-Dichloropropane			Not detected	1 1	Not detected	1
1,3-DichlorobenzeneNot detectedINot detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11-ChlorohexaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromobenzeneNot detected1Not detected1BromobenzeneNot detected1Not detected1	1.3.5-Trimethylbenzene	in		Not detected	1 1	Not detected	1
1,3-Dichloropropane   Not detected   1   Not detected   1     1,3-Dichloropropane   Not detected   1   Not detected   1     1,4-Dichlorobenzene   Not detected   1   Not detected   1     1-Chlorohexane   Not detected   1   Not detected   1     2,2-Dichloropropane   Not detected   1   Not detected   1     2-Chlorotoluene   Not detected   1   Not detected   1     4-Chlorotoluene   Not detected   1   Not detected   1     Benzene   Not detected   1   Not detected   1     Bromobenzene   Not detected   1   Not detected   1	1 3-Dichlorobenzene	······	1	Not detected	1	Not detected	1
1,4-Dichlorobenzene   Not detected   1   Not detected   1     1,4-Dichlorobenzene   Not detected   1   Not detected   1     1-Chlorohexane   Not detected   1   Not detected   1     2,2-Dichloropropane   Not detected   1   Not detected   1     2-Chlorotoluene   Not detected   1   Not detected   1     4-Chlorotoluene   Not detected   1   Not detected   1     Benzene   Not detected   1   Not detected   1     Bromobenzene   Not detected   1   Not detected   1	1 3-Dichloropropane			Not detected	1 1	Not detected	1
1-Chlorohexane   Not detected   1   Not detected   1     2,2-Dichloropropane   Not detected   1   Not detected   1     2-Chlorotoluene   Not detected   1   Not detected   1     4-Chlorotoluene   Not detected   1   Not detected   1     Benzene   Not detected   1   Not detected   1     Bromobenzene   Not detected   1   Not detected   1     Bromochloromethane   Not detected   1   Not detected   1	1.4-Dichlorobenzene			Not detected	1	Not detected	1
2,2-Dichloropropane   Not detected   1   Not detected   1     2,2-Dichloropropane   Not detected   1   Not detected   1     2-Chlorotoluene   Not detected   1   Not detected   1     4-Chlorotoluene   Not detected   1   Not detected   1     Benzene   Not detected   1   Not detected   1     Bromobenzene   Not detected   1   Not detected   1     Bromochloromethane   Not detected   1   Not detected   1	1-Chlorohexane	<u>+</u> • · · · · · · · · · · · · · · · · · · ·	1	Not detected	11	Not detected	1
2-Chlorotoluene Not detected 1 Not detected 1   2-Chlorotoluene Not detected 1 Not detected 1   4-Chlorotoluene Not detected 1 Not detected 1   Benzene Not detected 1 Not detected 1   Bromobenzene Not detected 1 Not detected 1	2.2-Dichloropropane			Not detected	1	Not detected	1
4-Chlorotoluene Not detected 1 Not detected 1   Benzene Not detected 1 Not detected 1   Bromobenzene Not detected 1 Not detected 1   Bromochloromethane Not detected 1 Not detected 1	2-Chlorotoluene		1	Not detected	1	Not detected	<u>  i</u>
Benzene Not detected 1 Not detected 1   Bromobenzene Not detected 1 Not detected 1   Bromochloromethane Not detected 1 Not detected 1	4-Chlorotoluene		+	Not detected	1	Not detected	$\frac{1}{1}$
Bromobenzene Not detected 1 Not detected 1   Bromochloromethane Not detected 1 Not detected 1	Benzene			Not detected	1	Not detected	1 1
Bromochloromethane Not detected 1 Not detected 1	Bromobenzene			Not detected	+ <b>,</b> 1	Not detected	1
The second	Bromochloromethane			Not detected	1	Not detected	1

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Client Sample ID			GP-1		GP-2	
York Sample ID			03110578-02		03110578-03	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene	·		Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n Putribanzana			Not detected	<u>1</u>	Not detected	1
n Propulbenzene			Not detected	1	Not detected	1
			Not detected	1	Not detected	1
		····	Not detected	1	Not detected	1
p- & III-Aylelies			Not detected	1	Not detected	1
p-isopropyitoidene			Not detected	1	Not detected	·- <u> </u>
Stemana	· · · · · · · · · · · · · · · · · · ·		Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
Tatrachlaracthylana			Not detected	1	Not detected	1
Tetracinoroeuryiene			Not detected	1	Not detected	1
			Not detected	1	Not detected	1
Tricklose athelene			Not detected	1	Not detected	1
Thigh laws fly an arthur a			Not detected	1	Not detected	1
Vined ablanida			Not detected	1	Not detected	1
vinyi chioride	CIN/04C 0270		Not detected	1	Not detected	
Polynuclear Aromatic Hydroc.(BN)	5 W 840-8270	ug/L		10	2 1	10
Acenaphthene			Z J Nat data at a d	10	J J Not detected	10
Acenaphthylene			Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10
Benzolajanthracene			4 J	10	Not detected	10
Benzo[a]pyrene			4 J	10	Not detected	10
Benzo[b]fluorantnene			3 J	10	Not detected	10
Benzo[g,h,1]perylene			<u> </u>	10	Not detected	10
Benzo[k]fluoranthene			43	10	Not detected	10
Chyrsene			4 J	10	Not detected	10
Dibenz[a,h]anthracene			Not detected	10	Not detected	10
Fluoranthene			<u>9</u> J		Not detected	10
Fluorene		<u> </u>	Not detected	10	Not detected	10
Indeno[1,2,3-cd]pyrene			<u> </u>	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
Phenanthrene			Not detected	10	Not detected	10
Pyrene			12	1 10		10
РСВ	SW846-3510C/8082	ug/L				
PCB 1016			Not detected	0.2	Not detected	0.2
PCB 1221			Not detected	0.2	Not detected	0.2

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Client Sample ID			GP-1		GP-2	
York Sample ID			03110578-02		03110578-03	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1232			Not detected	0.2	Not detected	0.2
PCB 1242			Not detected	0.2	Not detected	0.2
PCB 1248			Not detected	0.2	Not detected	0.2
PCB 1254			Not detected	0.2	Not detected	0.2
PCB 1260			Not detected	0.2	Not detected	0.2
PCB, Total			Not detected	0.2	Not detected	0.2
Metals, Target Analyte	SW846-6010	ug/L				
List(Dissolved)						
Aluminum			24.4	5.0	47.2	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			100	10.0	338	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			77800	20.0	158000	20.0
Chromium			Not detected	5.0	Not detected	5.0
Cobalt			Not detected	5.0	Not detected	5.0
Copper			Not detected	5.0	Not detected	5.0
Iron			59.9	5.0	41.7	5.0
Lead			4.9	3.0	23.1	3.0
Magnesium		_	16900	10.0	44600	10.0
Manganese			166	5.0	2140	5.0
Nickel			10.5	5.0	6.2	5.0
Potassium			5290	30.0	31000	30.0
Selenium			Not detected	10.0	15.4	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium		_	25200	50.0	488000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			Not detected	10.0	Not detected	10.0
Zinc			358	20.0	36.4	20.0
Mercury, Dissolved	SW-846-7470	mg/L	0.0010	0.0002	Not detected	0.0002
Metals, Target Analyte List(TAL)	SW846-6010	ug/L				
Aluminum			3060	5.0	32700	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	1.03	10.0
Barium			165	10.0	1160	10.0
Beryllium		_	Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium		_	89600	20.0	491000	20.0
Chromium		-	42.7	5.0	116	5.0
Cobalt			/.5	5.0	43.6	5.0
Copper			107	5.0	535	5.0
liron		+	10800	5.0	54000	5.0
Lead		-	298	3.0	/860	3.0
iviagnesium			18200		65500	
ivianganese			299	5.0	6230	5.0
NICKEI			35.4	5.0	11.9	5.0
Potassium			5/10	30.0	26500	30.0
Selenium			Not detected		25.0	10.0
Silver	4		Not detected		Not detected	5.0
Sodium	1		26200	50.0	505000	50.0

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Client Sample ID			GP-1		GP-2	
York Sample ID			03110578-02		03110578-03	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			13.3	10.0	124	10.0
Zinc			824	20.0	1960	20.0
Mercury	SW846-7470	mg/L	0.0017	0.0002	0.0058	0.0002

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Client Sample ID			GP-3		GP-4	
York Sample ID			03110578-04		03110578-05	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4,4'-DDD			Not detected	0.05	Not detected	0.05
4,4'-DDE			Not detected	0.05	Not detected	0.05
4,4'-DDT			Not detected	0.05	Not detected	0.05
Aldrin			Not detected	0.05	Not detected	0.05
alpha-BHC			Not detected	0.05	Not detected	0.05
beta-BHC			Not detected	0.05	Not detected	0.05
Chlordane			Not detected	0.2	Not detected	0.2
delta-BHC			Not detected	0.05	Not detected	0.05
Dieldrin			Not detected	0.05	Not detected	0.05
Endosulfan I			Not detected	0.05	Not detected	0.05
Endosulfan II			Not detected	0.05	Not detected	0.05
Endosulfan sulfate			Not detected	0.05	Not detected	0.05
Endrin			Not detected	0.05	Not detected	0.05
Endrin aldehyde			Not detected	0.05	Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05	Not detected	0.05
Heptachlor			Not detected	0.05	Not detected	0.05
Heptachlor epoxide			Not detected	0.05	Not detected	0.05
Methoxychlor		1	Not detected	0.2	Not detected	0.2
Toxaphene			Not detected	2.0	Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L				
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene	-		Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane		1	Not detected	1	Not detected	1
1,2-Dichlorobenzene		1	1	1	Not detected	1
1,2-Dichloroethane		†	Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)		1	Not detected	1	Not detected	1
1,2-Dichloropropane		1	Not detected	1	Not detected	1
1,3,5-Trimethylbenzene		1	Not detected	1	Not detected	1



Client Sample ID	······		GP-3		GP-4	
York Sample ID		1	03110578-04		03110578-05	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane		1	Not detected	1	Not detected	1
1.4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2.2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene	·····		Not detected	1	Not detected	1
Bromochloromethane	·····	1	Not detected	1	Not detected	1
Bromodichloromethane	, <u>• • • • • • • • • • • • • • • • • • •</u>		Not detected	1	Not detected	1
Bromoform		1	Not detected	1	Not detected	1
Bromomethane	······································		Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform		-	Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1 3-Dichloropropylene	······································		Not detected	1	Not detected	1
Dibromochloromethane	· · · ·		Not detected	1	Not detected	1
Dibromomethane		+	Not detected	1	Not detected	1
Diphlorodifluoromethane			Not detected	1	Not detected	<u></u>
Ethulhanzana	<u> , ,_ ,,</u>		Not detected	1	Not detected	1
Heveeblorebutediene			Not detected	1	Not detected	1
Isopropulbenzene			Not detected	1	Not detected	1
Mothylone chloride	· · · · · · · · · · · · · · · · · · ·		Not detected	1	Not detected	1
Nanhthalene		1	Not detected	1	Not detected	1
n Butylbenzene			Not detected	1	Not detected	1
n Propulbenzene			Not detected	1	Not detected	1
o Yulene		· · ·	Not detected	1	Not detected	1
n & m Xylenes			Not detected	1	Not detected	1
p- & III-Xylelles			Not detected	1	Not detected	1
p-isopropyitoruene			Not detected	1	Not detected	1
Sterano		+	Not detected	1	Not detected	1
Stylelle			Not detected	1	Not detected	1
Tetrachlangethylang			Not detected	1	Not detected	1
Teluene			Not detected	1	Not detected	1
trans 1.2 Dichlorenronylana			Not detected	1	Not detected	1
Tricklamethylone		-	Not detected	1	Not detected	1 -
			Not detected	1	Not detected	1
Visual ablasida			Not detected	1 1	Not detected	1
Polynuology Anomatic Hydrog (DN)	SW046 0270	110/1	INOT DELECTED			
roiynuclear Aromatic Hydroc.(BN)	5 W 040-0270		Not detected	10	Not detected	10
Acenaphinene			Not detected	10	Not detected	10
Accenaphunyiene			Not detected	10	Not detected	10
Anuracene Denzele leuthresere			Not detected	10	Not detected	10
Benzolajantnracene			Not detected	10	Not detected	10
Benzolajpyrene			Not detected	10	Not detected	10
Benzolojiiuorantnene			Not detected	10	Not detected	10
Benzo[g,n,1]perylene			Not detected	10	Not detected	10
Benzo[K]Iluoranthene			Not detected	10	Not detected	10
Chyrsene	1		Not detected	<u> </u>	I NOT detected	1 10

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Client Sample ID			GP-3		GP-4	
York Sample ID			03110578-04		03110578-05	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Dibenz[a,h]anthracene			Not detected	10	Not detected	10
Fluoranthene			Not detected	10	Not detected	10
Fluorene			Not detected	10	Not detected	10
Indeno[1,2,3-cd]pyrene			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
Phenanthrene			Not detected	10	Not detected	10
Pyrene			2 J	10	Not detected	10
РСВ	SW846-3510C/8082	ug/L				
PCB 1016			Not detected	0.2	Not detected	0.2
PCB 1221			Not detected	0.2	Not detected	0.2
PCB 1232			Not detected	0.2	Not detected	0.2
PCB 1242			Not detected	0.2	Not detected	0.2
PCB 1248			Not detected	0.2	Not detected	0.2
PCB 1254			Not detected	0.2	Not detected	0.2
PCB 1260			Not detected	0.2	Not detected	0.2
PCB, Total			Not detected	0.2	Not detected	0.2
Metals, Target Analyte	SW846-6010	ug/L				
List(Dissolved)		Ũ				
Aluminum			38.1	5.0	57.6	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			808	10.0	168	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium	······		106000	20.0	95200	20.0
Chromium			Not detected	5.0	Not detected	5.0
Cobalt			Not detected	5.0	Not detected	5.0
Copper			Not detected	5.0	Not detected	5.0
Iron			29.1	5.0	41.8	5.0
Lead	· · · · ·		6.2	3.0	4.6	3.0
Magnesium			44600	10.0	19700	10.0
Manganese			395	5.0	427	5.0
Nickel			Not detected	5.0	6.0	5.0
Potassium			14300	30.0	10000	30.0
Selenium		1	Not detected	10.0	Not detected	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			30600	50.0	116000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			Not detected	10.0	Not detected	10.0
Zinc			Not detected	20.0	114	20.0
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Target Analyte List(TAL)	SW846-6010	ug/L				
Aluminum			65300	5.0	10700	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			20.0	10.0	Not detected	10.0
Barium			4650	10.0	391	10.0
Beryllium			5.3	1.0	Not detected	1.0
Cadmium			9.1	3.0	3.8	3.0
Calcium			663000	20.0	114000	20.0
Chromium			275	5.0	64.6	5.0
Cobalt			94.9	5.0	26.9	5.0

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Client Sample ID			GP-3		GP-4	
York Sample ID			03110578-04		03110578-05	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Copper			1090	5.0	229	5.0
Iron			173000	5.0	24800	5.0
Lead			9520	3.0	364	3.0
Magnesium			91500	10.0	24000	10.0
Manganese			4600	5.0	794	5.0
Nickel			274	5.0	54.5	5.0
Potassium			26000	30.0	14100	30.0
Selenium			35.3	10.0	Not detected	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			52700	50.0	117000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			306	10.0	34.6	10.0
Zinc			9590	20.0	1640	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002	0.0021	0.0002

Client Sample ID			GP-5		GP-6	
York Sample ID			03110578-06		03110578-07	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4,4'-DDD			Not detected	0.05	Not detected	0.05
4,4'-DDE			Not detected	0.05	Not detected	0.05
4,4'-DDT			Not detected	0.05	Not detected	0.05
Aldrin			Not detected	0.05	Not detected	0.05
alpha-BHC			Not detected	0.05	Not detected	0.05
beta-BHC			Not detected	0.05	Not detected	0.05
Chlordane			Not detected	0.2	Not detected	0.2
delta-BHC			Not detected	0.05	Not detected	0.05
Dieldrin			Not detected	0.05	Not detected	0.05
Endosulfan I		T	Not detected	0.05	Not detected	0.05
Endosulfan II			Not detected	0.05	Not detected	0.05
Endosulfan sulfate			Not detected	0.05	Not detected	0.05
Endrin			Not detected	0.05	Not detected	0.05
Endrin aldehyde			Not detected	0.05	Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05	Not detected	0.05
Heptachlor			Not detected	0.05	Not detected	0.05
Heptachlor epoxide			Not detected	0.05	Not detected	0.05
Methoxychlor			Not detected	0.2	Not detected	0.2
Toxaphene			Not detected	2.0	Not detected	2.0
Volatiles-8260 list	SW846-8260	ug/L				
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1

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Client Sample ID			GP-5		GP-6	
York Sample ID			03110578-06		03110578-07	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1.2.3-Trimethylbenzene			Not detected	1	Not detected	1
1.2.4-Trichlorobenzene			Not detected	1	Not detected	1
1.2.4-Trimethylbenzene		-	Not detected	1	Not detected	1
1.2-Dibromo-3-chloropropane	······································		Not detected	1	Not detected	1
1.2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			1	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1.2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			1	1	Not detected	1
1-Chlorohexane		-	Not detected	1	Not detected	1
2.2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene		-	Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

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Client Sample ID			GP-5		GP-6	
York Sample ID			03110578-06		03110578-07	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L				
Acenaphthene			Not detected	10	Not detected	10
Acenaphthylene			Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10
Benzo[a]anthracene			Not detected	10	Not detected	10
Benzo[a]pyrene			Not detected	10	Not detected	10
Benzo[b]fluoranthene			Not detected	10	Not detected	10
Benzo[g,h,i]perylene			Not detected	10	Not detected	10
Benzo[k]fluoranthene			Not detected	10	Not detected	10
Chyrsene			Not detected	10	Not detected	10
Dibenz[a,h]anthracene			Not detected	10	Not detected	10
Fluoranthene			Not detected	10	Not detected	10
Fluorene			Not detected	10	Not detected	10
Indeno[1,2,3-cd]pyrene	······································		Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
Phenanthrene			Not detected	10	Not detected	10
Pyrene			Not detected	10	Not detected	10
РСВ	SW846-3510C/8082	ug/L				
PCB 1016			Not detected	0.2	Not detected	0.2
PCB 1221			Not detected	0.2	Not detected	0.2
PCB 1232			Not detected	0.2	Not detected	0.2
PCB 1242			Not detected	0.2	Not detected	0.2
PCB 1248			Not detected	0.2	Not detected	0.2
PCB 1254			Not detected	0.2	Not detected	0.2
PCB 1260			Not detected	0.2	Not detected	0.2
PCB. Total			Not detected	0.2	Not detected	0.2
Metals, Target Analyte	SW846-6010	ug/L				
List(Dissolved)						
Aluminum			59.3	5.0	10.8	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			38.4	10.0	101	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium		[	Not detected	3.0	Not detected	3.0
Calcium			110000	20.0	115000	20.0
Chromium			8.5	5.0	Not detected	5.0
Cobalt			8.3	5.0	139	5.0
Copper			Not detected	5.0	15.5	5.0
Iron			88.4	5.0	128	5.0
Lead			4.2	3.0	4.1	3.0
Magnesium			39500	10.0	21900	10.0
Manganese			10700	5.0	656	5.0
Nickel		<u> </u>	Not detected	5.0	27.0	5.0
Potassium	1		3630	30.0	8960	30.0
Selenium			32.1	10.0	Not detected	10.0
Silver		ľ	Not detected	5.0	Not detected	5.0
Sodium			14800	50.0	41700	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium		1	Not detected	10.0	Not detected	10.0
Zinc			52.2	20.0	1480	20.0
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002

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Client Sample ID	<u> </u>		GP-5		GP-6	
York Sample ID			03110578-06		03110578-07	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	ug/L				
Aluminum			80600	5.0	16200	5.0
Antimony			9.8	5.0	12.8	5.0
Arsenic			19.2	10.0	19.4	10.0
Barium			2510	10.0	1090	10.0
Beryllium			6.6	1.0	Not detected	1.0
Cadmium			56.8	3.0	5.1	3.0
Calcium			175000	20.0	143000	20.0
Chromium			883	5.0	322	5.0
Cobalt			1440	5.0	1220	5.0
Copper			3010	5.0	5220	5.0
Iron			382000	5.0	189000	5.0
Lead			3450	3.0	2440	3.0
Magnesium			64300	10.0	26500	10.0
Manganese			21100	5.0	1510	5.0
Nickel			309	5.0	157	5.0
Potassium			11200	30.0	10700	30.0
Selenium			76.9	10.0	30.7	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			102000	50.0	118000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			413	10.0	50.5	10.0
Zinc			43700	20.0	41000	20.0
Mercury	SW846-7470	mg/L	0.0006	0.0002	0.0002	0.0002

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Client Sample ID			GP-7		GP-8	
York Sample ID			03110578-08		03110578-09	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4,4'-DDD			Not detected	0.05	Not detected	0.05
4,4'-DDE			Not detected	0.05	Not detected	0.05
4,4'-DDT			Not detected	0.05	Not detected	0.05
Aldrin			Not detected	0.05	Not detected	0.05
alpha-BHC			Not detected	0.05	Not detected	0.05
beta-BHC			Not detected	0.05	Not detected	0.05
Chlordane			Not detected	0.2	Not detected	0.2
delta-BHC			Not detected	0.05	Not detected	0.05
Dieldrin			Not detected	0.05	Not detected	0.05
Endosulfan I			Not detected	0.05	Not detected	0.05
Endosulfan II			Not detected	0.05	Not detected	0.05
Endosulfan sulfate			Not detected	0.05	Not detected	0.05
Endrin			Not detected	0.05	Not detected	0.05
Endrin aldehyde			Not detected	0.05	Not detected	0.05
gamma-BHC (Lindane)			Not detected	0.05	Not detected	0.05
Heptachlor			Not detected	0.05	Not detected	0.05
Heptachlor epoxide			Not detected	0.05	Not detected	0.05
Methoxychlor			Not detected	0.2	Not detected	0.2
Toxaphene			Not detected	2.0	Not detected	2.0

Client Sample ID			GP-7		GP-8	
York Sample ID			03110578-08		03110578-09	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L				
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene	-		Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	_2(cis-)	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene	ļ		Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	
n-Propylbenzene			Not detected		Not detected	$\frac{1}{1}$
o-Xylene			Not detected	1	Not detected	
p- & m-Xylenes			Not detected	1	Not detected	1 1

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Client Sample ID			<b>GP-7</b>		GP-8	
York Sample ID			03110578-08		03110578-09	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
p-Isopropyltoluene			Not detected	1	1	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1.3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene	····		Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L				
Acenaphthene			Not detected	10	8 J	10
Acenaphthylene			Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10
Benzo[a]anthracene			Not detected	10	Not detected	10
Benzo[a]pyrene			Not detected	10	Not detected	10
Benzo[b]fluoranthene	·········		Not detected	10	Not detected	10
Benzolg h ilpervlene			Not detected	10	Not detected	10
Benzo[k]fluoranthene			Not detected	10	Not detected	10
Chyrsene			Not detected	10	Not detected	10
Dibenz[a h]anthracene			Not detected	10	Not detected	10
Fluoranthene			Not detected	10	3 J	10
Fluorene			Not detected	10	4 J	10
Indeno[1 2 3-cd]pyrene			Not detected	10	Not detected	10
Nanhthalene		1	Not detected	10	Not detected	10
Phenanthrene			Not detected	10	5 J	10
Pyrene			Not detected	10	3 J	10
РСВ	SW846-3510C/8082	ug/L				
PCB 1016			Not detected	0.2	Not detected	0.2
PCB 1221			Not detected	0.2	Not detected	0.2
PCB 1232			Not detected	0.2	Not detected	0.2
PCB 1242			Not detected	0.2	Not detected	0.2
PCB 1248		1	Not detected	0.2	Not detected	0.2
PCB 1254			Not detected	0.2	Not detected	0.2
PCB 1260			Not detected	0.2	Not detected	0.2
PCB, Total			Not detected	0.2	Not detected	0.2
Metals, Target Analyte	SW846-6010	ug/L				
List(Dissolved)						
Aluminum			511	5.0	75.0	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			65.7	10.0	256	10.0
Beryllium		1	Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			77900	20.0	72700	20.0
Chromium		1	Not detected	5.0	Not detected	5.0
Cobalt			Not detected	5.0	6.0	5.0
Copper			5.7	5.0	5.0	5.0
Iron			527	5.0	69.5	5.0
Lead		1	3.5	3.0	Not detected	3.0
Magnesium	1		39300	10.0	25300	10.0

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Client Sample ID			GP-7		GP-8	
York Sample ID			03110578-08		03110578-09	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Manganese			141	5.0	399	5.0
Nickel			Not detected	5.0	10.3	5.0
Potassium			4940	30.0	16700	30.0
Selenium			Not detected	10.0	16.5	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			185000	50.0	269000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			Not detected	10.0	Not detected	10.0
Zinc			Not detected	20.0	22.4	20.0
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Target Analyte List(TAL)	SW846-6010	ug/L				
Aluminum			60300	5.0	22700	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			2970	10.0	786	10.0
Beryllium			6.0	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			119000	20.0	149000	20.0
Chromium			259	5.0	485	5.0
Cobalt			150	5.0	70.4	5.0
Copper			233	5.0	273	5.0
Iron			156000	5.0	127000	5.0
Lead			32.9	3.0	168	3.0
Magnesium			69000	10.0	52000	10.0
Manganese			22800	5.0	3240	5.0
Nickel			263	5.0	300	5.0
Potassium			10800	30.0	23300	30.0
Selenium			55.0	10.0	27.5	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			185000	50.0	277000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			157	10.0	87.2	10.0
Zinc			1120	20.0	1890	20.0
Mercury	SW846-7470	mg/L	0.0005	0.0002	0.0005	0.0002

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Client Sample ID			GP-10		EBW-11/19	
York Sample ID			03110578-10		03110578-11	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List water	SW846-3510C/8081	ug/L				
4,4'-DDD			Not detected	0.05	Not detected	0.05
4,4'-DDE			Not detected	0.05	Not detected	0.05
4,4'-DDT			Not detected	0.05	Not detected	0.05
Aldrin			Not detected	0.05	Not detected	0.05
alpha-BHC			Not detected	0.05	Not detected	0.05
beta-BHC			Not detected	0.05	Not detected	0.05
Chlordane			Not detected	0.2	Not detected	0.2
delta-BHC			Not detected	0.05	Not detected	0.05
Dieldrin			Not detected	0.05	Not detected	0.05



York Sample ID     03110578-10     03110578-11       Matrix     WATER     WATER     WATER       Parameter     Method     Units     Results     MDL     Results     MDL       Endosulfan I     Not detected     0.05     Not detected     0.05     Not detected     0.05       Endosulfan II     Not detected     0.05     Not detected     0.05     Not detected     0.05       Endosulfan sulfate     Not detected     0.05     Not detected     0.05     Not detected     0.05       gamma BHC (Lindanc)     Not detected     0.05     Not detected     0.05     Not detected     0.05       Heptachlor eposide     Not detected     0.05     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.05     Not detected     0.05     Not detected     1.01       1,1,12-Terrachforethane     Not detected     1     Not detected     1     1.1     1.1     Not detected     1     Not detected     1       1,1,2,2-Terrachoroethane     Not detected     <	Client Sample ID			GP-10		EBW-11/19	
Matrix     WATER     WATER     WATER       Parameter     Method     Units     Results     MDL     Results     MDL       Endosulfan II     Not detected     0.05     Not detected     0.05     Not detected     0.05       Endosulfan II     Not detected     0.05     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05     Not detected     0.05       gamma-BHC (Lindunc)     Not detected     0.05     Not detected     0.05     Not detected     0.05       Heptachlor epoxide     Not detected     0.05     Not detected     0.20     Not detected     0.20       Toxaphene     Not detected     0.20     Not detected     0.21     Not detected     0.21     Not detected     0.21     Not detected     0.20     Not detected     0.21     Not detected     1.11,11     Not detected     1.11     Not detected     1.11     Not detected     1.11     Not detected     1.11     1.11     Not detected     1.11     1.11	York Sample ID			03110578-10		03110578-11	
Parameter     Method     Units     Results     MDL     Results     MDL       Endosuifan II     Not detected     0.05     Not detected     0.05     Not detected     0.05       Endosuifan II     Not detected     0.05     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05     Not detected     0.05       gamina-BHC (Lindanc)     Not detected     0.05     Not detected     0.05     Not detected     0.05       Heptachlor     Not detected     0.05     Not detected     0.05     Not detected     0.05       Heptachlor     Not detected     0.05     Not detected     0.05     Not detected     0.05       Heptachlor coxide     Not detected     0.05     Not detected     0.05     Not detected     0.05       Heptachlor coxide     Not detected     0.05     Not detected     0.05     Not detected     0.05       Intropolytic     Not detected     1.05     Not detected     1.05     Not detected     1.05	Matrix			WATER		WATER	
Endosulfan I     Not derected     0.05     Not detected     0.05       Endosulfan II     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05       Samma-BHC (Lindanc)     Not detected     0.05     Not detected     0.05       Methosychlor     Not detected     0.05     Not detected     0.05       Methosychlor     Not detected     0.05     Not detected     0.05       Methosychlor     Not detected     0.05     Not detected     0.05       Toxaphene     Not detected     1     Not detected     1     1.1,1-1/nichloroethane     Not detected     1     Not detected     1     1.1,1-1/nichloroethane     Not detected     1     Not detected     1     1     1.1,1-1/nichloroethane     Not detected     1     Not detected     1     1     1     1     1     1     1     1     1     1     1     1     1     1 <t< th=""><th>Parameter</th><th>Method</th><th>Units</th><th>Results</th><th>MDL</th><th>Results</th><th>MDL</th></t<>	Parameter	Method	Units	Results	MDL	Results	MDL
Endosulfan sulfate     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05       Endrin alcelyde     Not detected     0.05     Not detected     0.05       gamma-BHC (Lindanc)     Not detected     0.05     Not detected     0.05       Heptachlor epoxide     Not detected     0.05     Not detected     0.05       Heptachlor epoxide     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.05     Not detected     0.05       Volatiles-3260 ist     SW46-8260     ug/L          1,1,1-7/tichloroethane     Not detected     1     Not detected     1     1.1       1,1,2-2-tetrachloroethane     Not detected     1     Not detected     1     1     1       1,1,2-Trichloroethane     Not detected     1     Not detected     1     1     1       1,1-Dichloroethane     Not detected     1     Not detected     1     1     1     1     No	Endosulfan I	····		Not detected	0.05	Not detected	0.05
Endosufan sulfate     Not detected     0.05     Not detected     0.05       Endrin     Not detected     0.05     Not detected     0.05       Startin     Not detected     0.05     Not detected     0.05       gamma-BHC (Lindanc)     Not detected     0.05     Not detected     0.05       Heptachlor     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.05     Not detected     0.2       Toxaphene     Not detected     1.2     Not detected     1.2       I,1,2-Tetrachloroethane     Not detected     1     Not detected     1       1,1,2-Trichloroethane     Not detected     1     Not detected     1       1,2,3-Trichlorophane<	Endosulfan II			Not detected	0.05	Not detected	0.05
Endrin     Not detected     0.05     Not detected     0.05       Endrin aldelyde     Not detected     0.05     Not detected     0.05       garma-BHC (Lindae)     Not detected     0.05     Not detected     0.05       Heptachlor exolde     Not detected     0.05     Not detected     0.05       Heptachlor exolde     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.2     Not detected     0.2       Volatiles-8260 list     SW846-8260     ug/L         1,1,2.7 terachloroethane     Not detected     1     Not detected     1       1,2,3 Trichlorophylene     Not detected     1     Not detected     1       1,2,3 Trichlorophylene     Not detected     1     Not detected     1	Endosulfan sulfate	······································		Not detected	0.05	Not detected	0.05
Endrin aldehyde     Not detected     0.05     Nor detected     0.05       gamma-BHC (Lindane)     Not detected     0.05     Not detected     0.05       Heptachlor     Not detected     0.05     Not detected     0.05       Heptachlor epoxide     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.2     Not detected     0.2       Toxaphene     Not detected     1.0     Not detected     1.0       1,1,2.7 tertachloroethane     Not detected     1     Not detected     1       1,1,2.7 trinchloroethane     Not detected     1     Not detected     1       1,1,2.7 trinchloropropane     Not detected     1     Not detected     1       1,2,3.7 trinchloropropane     Not detected     1     Not detected     1	Endrin	······································		Not detected	0.05	Not detected	0.05
gamma-BHC (Lindane)     Not detected     0.05     Not detected     0.05       Heptachlor epoxide     Not detected     0.05     Not detected     0.05       Heptachlor epoxide     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.05     Not detected     0.05       Toxaphene     Not detected     2.0     Not detected     0.2       Volatiles-8260 list     SW846-8260     ug/L          1,1,1,2.7-terachioroethane     Not detected     1     Not detected     1     Not detected     1       1,1,2.7-trichioroethane     Not detected     1     Not detected     1     Not detected     1       1,1-Dichioroethane     Not detected     1     Not detected     1     Not detected     1       1,1,2.3-Trichiorophylene     Not detected     1     Not detected     1     Not detected     1       1,2,3-Trichiorophylene     Not detected     1     Not detected     1     Not detected     1       1,2,4-Trimethylbenzene     No	Endrin aldehvde			Not detected	0.05	Not detected	0.05
Heptachlor     Not detected     0.05     Not detected     0.05       Heptachlor epoxide     Not detected     0.05     Not detected     0.05       Methoxychlor     Not detected     0.2     Not detected     0.2       Toxaphene     Not detected     0.0     Not detected     2.0       Volatiles 8200 its     SW846-8260     ug/L         1,1,2-Tertachloroethane     Not detected     1     Not detected     1       1,1,2-Trichloroethane     Not detected     1     Not detected     1       1,1,2-Trichloroethane     Not detected     1     Not detected     1       1,1-Dichloroethylene     Not detected     1     Not detected     1       1,1-Dichloropropylene     Not detected     1     Not detected     1       1,2,3-Trichlorobenzene     Not detected     1     Not detected     1       1,2,4-Trimethylbenzene     Not detected     1     Not detected     1       1,2,4-Trimethylbenzene     Not detected     1     Not detected     1       1,2,2-Dichlor	gamma-BHC (Lindane)			Not detected	0.05	Not detected	0.05
Heptachlor epoxide     Not detected     0.05     Not detected     0.02       Methoxychlor     Not detected     0.2     Not detected     0.2       Toxaphene     Not detected     2.0     Not detected     0.2       Volatiles 3260 list     SW846-8260     ug/L	Heptachlor			Not detected	0.05	Not detected	0.05
Methoxychlor     Not detected     0.2     Not detected     0.2       Toxaphene     Not detected     0.0     Not detected     2.0       Volatiles-8260 list     SW846-8260     ug/L          1,1,1-7-trachloroethane     Not detected     1     Not detected     1     Not detected     1       1,1,2-7-trichloroethane     Not detected     1     Not detected     1     Not detected     1       1,1-Dichloroethane     Not detected     1     Not detected     1     Not detected     1       1,1-Dichloroethylene     Not detected     1     Not detected     1     Not detected     1       1,2,3-Trichlorobenzene     Not detected     1     Not detected     1     Not detected     1       1,2,3-Trichlorobenzene     Not detected     1     Not detected     1     Not detected     1       1,2,4-Trimehylbenzene     Not detected     1     Not detected     1     Not detected     1       1,2-Dibromoethane     Not detected     1     Not detected     1 <td>Heptachlor epoxide</td> <td></td> <td></td> <td>Not detected</td> <td>0.05</td> <td>Not detected</td> <td>0.05</td>	Heptachlor epoxide			Not detected	0.05	Not detected	0.05
Toxaphene     Not detected     2.0     Not detected     2.0       Volatiles 3260 list     SW846-8260     ug/L	Methoxychlor			Not detected	0.2	Not detected	0.2
Volatiles-8260 list     SW846-8260     ug/L  1,1,2-Dichloroenbane     Not detected     1     Not detected     1	Toxaphene			Not detected	2.0	Not detected	2.0
1,1,1,2-Tetrachloroethane   Not detected   1   Not detected   1     1,1,2-Trichloroethane   Not detected   1   Not detected   1     1,1,2-Trichloroethane   Not detected   1   Not detected   1     1,1,2-Trichloroethane   Not detected   1   Not detected   1     1,1-Dichloroethylene   Not detected   1   Not detected   1     1,2,3-Trichloropropylene   Not detected   1   Not detected   1     1,2,3-Trichloropropane   Not detected   1   Not detected   1     1,2,3-Trinehloropropane   Not detected   1   Not detected   1     1,2,3-Trinehloropropane   Not detected   1   Not detected   1     1,2,4-Trimethylbenzene   Not detected   1   Not detected   1     1,2-Dibromo-3-chloropropane   Not detected   1   Not detected   1     1,2-Dibromothane   Not detected   1   Not detected   1     1,2-Dichloroethane   Not detected   1   Not detected   1     1,2-Dichlorophane   Not detected   1   Not detected   1	Volatiles-8260 list	SW846-8260	ug/L				
1,1.1-Trichloroethane   Not detected   1   Not detected   1     1,1,2.2-Terichloroethane   Not detected   1   Not detected   1     1,1.2-Trichloroethane   Not detected   1   Not detected   1     1,1-Dichloroethylene   Not detected   1   Not detected   1     1,1.Dichloroptylene   Not detected   1   Not detected   1     1,2.3-Trichlorobenzene   Not detected   1   Not detected   1     1,2.3-Trichloroppane   Not detected   1   Not detected   1     1,2.4-Trimetrylbenzene   Not detected   1   Not detected   1     1,2.4-Trimetrylbenzene   Not detected   1   Not detected   1     1,2.Dibromo-3-chloropropane   Not detected   1   Not detected   1     1,2-Dibromo-3-chloropropane   Not detected   1   Not detected   1     1,2-Dichloroethane   Not detected   1   Not detected   1     1,2-Dichlorobenzene   1   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detecte	1.1.1.2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane   Not detected   1   Not detected   1     1,1,2-Trichloroethane   Not detected   1   Not detected   1     1,1-Dichloroethane   Not detected   1   Not detected   1     1,1-Dichloropropylene   Not detected   1   Not detected   1     1,2,3-Trichlorobenzne   Not detected   1   Not detected   1     1,2,3-Trichlorobenzne   Not detected   1   Not detected   1     1,2,3-Trichlorobenzne   Not detected   1   Not detected   1     1,2,4-Trinehylbenzene   Not detected   1   Not detected   1   Not detected   1     1,2-Dibrome-3-chloropropane   Not detected   1   Not detected   1   Not detected   1     1,2-Dibrome-3-chloropropane   Not detected   1   Not detected   1   Not detected   1     1,2-Dichloroethane   Not detected   1   Not detected   1   Not detected   1     1,2-Dichloroethane   Not detected   1   Not detected   1   Not detected   1     1,2-Dichloroethane   <	1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane   Not detected   1   Not detected   1     1,1-Dichloroethylene   Not detected   1   Not detected   1     1,1-Dichloroptylene   Not detected   1   Not detected   1     1,2,3-Trichloropropylene   Not detected   1   Not detected   1     1,2,3-Trichloropropane   Not detected   1   Not detected   1     1,2,3-Trichloropropane   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2-Dibromo-3-chloropropane   Not detected   1   Not detected   1     1,2-Dichlorobenzene   1   B   1   Not detected   1     1,2-Dichlorobenzene   1   B   1   Not detected   1     1,2-Dichlorobenzene   1   Not detected   1   Not detected   1     1,2-Dichloropenzene   Not detected   1   Not detected   1   Not detected   1     1,3-Dichloropenzene   Not de	1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1-Dichloroethare   Not detected   1   Not detected   1     1,1-Dichloropropylene   Not detected   1   Not detected   1     1,2,3-Trichloropropylene   Not detected   1   Not detected   1     1,2,3-Trichloropropane   Not detected   1   Not detected   1     1,2,3-Trichloropenzene   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2-Dibromo-3-chloropropane   Not detected   1   Not detected   1     1,2-Dibromo-schane   1   B   1   Not detected   1     1,2-Dichlorobenzene   1   B   1   Not detected   1     1,2-Dichlorobenzene   1   Not detected   1   Not detected   1     1,2-Dichlorobenzene   Not detected   1   Not detected   1   Not detected   1     1,2-Dichloropropane   Not detected   1   Not detected   1   Not detected   1 <td< td=""><td>1.1.2-Trichloroethane</td><td></td><td></td><td>Not detected</td><td>1</td><td>Not detected</td><td>1</td></td<>	1.1.2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene   Not detected   1   Not detected   1     1,1-Dichloropropylene   Not detected   1   Not detected   1     1,2,3-Trichlorobenzene   Not detected   1   Not detected   1     1,2,3-Trichlorobenzene   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2,4-Trichlorobenzene   Not detected   1   Not detected   1     1,2-Dibromo-3-chloropropane   Not detected   1   Not detected   1     1,2-Dibromo-3-chloropropane   Not detected   1   Not detected   1     1,2-Dichlorobenzene   1   1   Not detected   1   Not detected   1     1,2-Dichlorobenzene   1   1   Not detected   1   Not detected   1     1,2-Dichloropropane   Not detected   1   Not detected   1   Not detected   1     1,3-Dichloropropane   Not detected   1   Not detected   1   Not detected   1     1,3-Dichloropropane   Not detected   1   Not detected	1 1-Dichloroethane			Not detected	1	Not detected	1
1,1-DichloropropyleneNot detected1Not detected11,2,3-TrichlorobenzeneNot detected1Not detected11,2,3-TrichlorobenzeneNot detected1Not detected11,2,3-TrichlorobenzeneNot detected1Not detected11,2,4-TrichlorobenzeneNot detected1Not detected11,2,4-TrimethylbenzeneNot detected1Not detected11,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-Dichloroethane1B1Not detected11,2-DichloroethaneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,4-DichloropropaneNot detected1Not detected11,4-DichloropropaneNot detected1Not detected11,2-DichloroenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,4-Dichloropropane <td>1 1-Dichloroethylene</td> <td></td> <td>-</td> <td>Not detected</td> <td>1</td> <td>Not detected</td> <td>1</td>	1 1-Dichloroethylene		-	Not detected	1	Not detected	1
1,2,3-TrichloropenzeneNot detected1Not detected11,2,3-TrichloropropaneNot detected1Not detected11,2,3-TrichloropenzeneNot detected1Not detected11,2,4-TrichlorobenzeneNot detected1Not detected11,2,4-TrichlorobenzeneNot detected1Not detected11,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-Dichlorobenzene1B1Not detected11,2-Dichloropenzene1B1Not detected11,2-DichloropenzeneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-Dichloropropane </td <td>1 1-Dichloropropylene</td> <td></td> <td></td> <td>Not detected</td> <td>1</td> <td>Not detected</td> <td>1</td>	1 1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-TrichloropropaneNot detected1Not detected11,2,3-TrimethylbenzeneNot detected1Not detected11,2,4-TrimethylbenzeneNot detected1Not detected11,2,4-TrimethylbenzeneNot detected1Not detected11,2,2-Dirbromo-3-chloropropaneNot detected1Not detected11,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-Dichlorobenzene1B1Not detected11,2-Dichlorobenzene1Not detected1Not detected11,2-DichlorobenzeneNot detected1Not detected11,2-DichlorobenzeneNot detected1Not detected11,2-DichlorobenzeneNot detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,2-DichlorobenzeneNot detected1Not detected11,2,2-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,2-DichlorobenzeneNot detected1Not detected11,2-D	1 2 3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-TrimethylbenzeneNot detected1Not detected11,2,4-TrichlorobenzeneNot detected1Not detected11,2,4-TrimethylbenzeneNot detected1Not detected11,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-Diblorobenzene1B1Not detected11,2-Dichlorobenzene1B1Not detected11,2-DichloroperpaneNot detected1Not detected11,2-DichloroperpaneNot detected1Not detected11,2-DichloroperpaneNot detected1Not detected11,2-DichloroperpaneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichloropenpaneNot detected1Not detected11,3-DichloropenpaneNot detected1Not detected11,3-DichloropenzeneNot detected1Not detected11,3-DichloropenpaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot dete	1.2.3-Trichloropropane			Not detected	1	Not detected	1
1,2,4-TrichlorobenzeneNot detected1Not detected11,2,4-TrimethylbenzeneNot detected1Not detected11,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-Dichlorobenzene1B1Not detected11,2-Dichlorobenzene1B1Not detected11,2-Dichlorobenzene1B1Not detected11,2-DichlorobenzeneNot detected1Not detected11,2-Dichloroptylene (Total)Not detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected12,2-Dichloropropane	1 2 3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-TrimethylbenzeneNot detected1Not detected11,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-DibromoethaneNot detected1Not detected11,2-Dichlorobenzene1B1Not detected11,2-DichloroethaneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,2-DichloroethaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloropropaneNot detected	1 2 4-Trichlorobenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-Dibromo-3-chloropropaneNot detected1Not detected11,2-Dichlorobenzene1B1Not detected11,2-DichlorobtaneNot detected1Not detected11,2-DichloropthaneNot detected1Not detected11,2-Dichloropthylene (Total)Not detected1Not detected11,3-DichloropropaneNot detected1Not detected11,3-DichloroptopaneNot detected1Not detected11,3-DichloroptopaneNot detected1Not detected11,3-DichloroptopaneNot detected1Not detected11,3-DichloroptopaneNot detected1Not detected11,4-DichloroptopaneNot detected1Not detected11,2-DichloroptopaneNot	1 2 4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-DibromoethaneNot detected1Not detected11,2-Dichlorobenzene1B1Not detected11,2-DichloroethaneNot detected1Not detected11,2-Dichloroethylene (Total)Not detected1Not detected11,2-Dichloroethylene (Total)Not detected1Not detected11,2-Dichloroethylene (Total)Not detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,4-DichloropropaneNot detected1Not detected11,4-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropopaneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected1 <td>1.2-Dibromo-3-chloropropane</td> <td></td> <td></td> <td>Not detected</td> <td>1</td> <td>Not detected</td> <td>1</td>	1.2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dichlorobenzene1 B1Not detected11,2-DichloroethaneNot detected1Not detected11,2-Dichloroethylene (Total)Not detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,4-DichlorobenzeneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected14-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromoformNot detected1Not detected<	1.2-Dibromoethane			Not detected	1	Not detected	1
1,2-DichloroethaneNot detected1Not detected11,2-Dichloroptylene (Total)Not detected1Not detected11,2-DichloropropaneNot detected1Not detected11,3,5-TrimethylbenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,3-DichlorobenzeneNot detected1Not detected11,4-DichloropropaneNot detected1Not detected11,4-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected11,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected12,2-DichloropropaneNot detected1Not detected14-ChlorotolueneNot detected1Not detected14-ChlorotolueneNot detected1Not detected1BromobenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromomethaneNot detected1Not detected1BromomethaneNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChlorobenzeneNot detected1Not detected1<	1.2-Dichlorobenzene			1 B	1	Not detected	1
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4-ChlorotolueneNot detected1Not detected1BenzeneNot detected1Not detected1BromobenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromodichloromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromomethaneNot detected1Not detected1BromomethaneNot detected1Not detected1Carbon tetrachlorideNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChloroformNot detected1Not detected1ChloroformNot detected1Not detected1ChloropropyleneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1	2-Chlorotoluene	1		Not detected	1	Not detected	1
BenzeneNot detected1Not detected1BromobenzeneNot detected1Not detected1BromochloromethaneNot detected1Not detected1BromodichloromethaneNot detected1Not detected1BromodichloromethaneNot detected1Not detected1BromoformNot detected1Not detected1BromomethaneNot detected1Not detected1BromomethaneNot detected1Not detected1Carbon tetrachlorideNot detected1Not detected1ChlorobenzeneNot detected1Not detected1ChloroethaneNot detected1Not detected1ChloroformNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1ChloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1	4-Chlorotoluene			Not detected	1	Not detected	1
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ChloroethaneNot detected1Not detected1ChloroformNot detected1Not detected1ChloromethaneNot detected1Not detected1cis-1,3-DichloropropyleneNot detected1Not detected1DibromochloromethaneNot detected1Not detected1	Chlorobenzene			Not detected	1	Not detected	1
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cis-1,3-Dichloropropylene Not detected 1 Not detected 1   Dibromochloromethane Not detected 1 Not detected 1	Chloromethane		1	Not detected	1	Not detected	1
Dibromochloromethane Not detected 1 Not detected 1	cis-1.3-Dichloropropylene			Not detected	1	Not detected	1
	Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane Not detected 1 Not detected 1	Dibromomethane			Not detected	1	Not detected	1

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Client Sample ID			GP-10		EBW-11/19	
York Sample ID			03110578-10		03110578-11	
Matrix	,		WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			60 B	1	2 B	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L				
Acenaphthene			3 J	10	Not detected	10
Acenaphthylene			Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10
Benzo[a]anthracene			Not detected	10	Not detected	10
Benzo[a]pyrene			Not detected	10	Not detected	10
Benzo[b]fluoranthene			Not detected	10	Not detected	10
Benzo[g,h,i]perylene			Not detected	10	Not detected	10
Benzo[k]fluoranthene			Not detected	10	Not detected	10
Chyrsene			Not detected	10	Not detected	10
Dibenz[a,h]anthracene			Not detected	10	Not detected	10
Fluoranthene			Not detected	10	Not detected	10
Fluorene			Not detected	10	Not detected	10
- Indeno[1,2,3-cd]pyrene			Not detected	10	Not detected	10
Naphthalene			37	10	Not detected	10
Phenanthrene			Not detected	10	Not detected	10
Pyrene			Not detected	10	Not detected	10
РСВ	SW846-3510C/8082	ug/L				
PCB 1016			Not detected	0.2	Not detected	0.2
PCB 1221			Not detected	0.2	Not detected	0.2
PCB 1232			Not detected	0.2	Not detected	0.2
PCB 1242			Not detected	0.2	Not detected	0.2
PCB 1248		L	Not detected	0.2	Not detected	0.2
PCB 1254			Not detected	0.2	Not detected	0.2
PCB 1260	ļ		Not detected	0.2	Not detected	0.2
PCB, Total			Not detected	0.2	Not detected	0.2
Metals, Target Analyte	SW846-6010	ug/L				
List(Dissolved)		ļ	+			<u> </u>
Aluminum		ļ	381	5.0		
Antimony		ļ	Not detected	5.0		
Arsenic			Not detected	10.0		1

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Client Sample ID			GP-10		EBW-11/19	
York Sample ID			03110578-10		03110578-11	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Barium			72.8	10.0		
Beryllium			Not detected	1.0		
Cadmium			Not detected	3.0		
Calcium			15400	20.0		
Chromium			Not detected	5.0		
Cobalt			25.0	5.0		
Copper			6.8	5.0		
Iron			239	5.0		
Lead			Not detected	3.0		
Magnesium			10600	10.0		
Manganese			99.8	5.0		
Nickel			13.4	5.0		
Potassium			17400	30.0		
Selenium			29.0	10.0		
Silver			Not detected	5.0		
Sodium			822000	50.0		
Thallium			Not detected	10.0		
Vanadium			Not detected	10.0		
Zinc			Not detected	20.0		
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002		
Metals, Target Analyte List(TAL)	SW846-6010	ug/L				
Aluminum			74100	5.0	15.7	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			1870	10.0	Not detected	10.0
Beryllium			6.4	1.0	Not detected	1.0
Cadmium			3.5	3.0	Not detected	3.0
Calcium			107000	20.0	284	20.0
Chromium			388	5.0	Not detected	5.0
Cobalt			130	5.0	Not detected	5.0
Copper			7.8	5.0	Not detected	5.0
Iron			202000	5.0	233	5.0
Lead			224	3.0	Not detected	3.0
Magnesium			45800	10.0	46.6	10.0
Manganese			11400	5.0	Not detected	5.0
Nickel			296	5.0	Not detected	5.0
Potassium			33300	30.0	Not detected	30.0
Selenium			43.1	10.0	Not detected	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium	1		831000	50.0	102	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium		1	296	10.0	Not detected	10.0
Zinc			937	20.0	Not detected	20.0
Mercury	SW846-7470	mg/L	0.0011	0.0002	Not detected	0.0002

Units Key:

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For Waters/Liquids: mg/L = ppm; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb



#### Report Date: 12/5/2003 Client Project ID: DEP/Water SDG 1 57-15 49<sup>th</sup> St., Maspeth, NY York Project No.: 03110578

#### Notes for York Project No. 03110578

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.

3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.

4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

5. All samples were received in proper condition for analysis with proper documentation.

6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Apalla Approved By:\_\_\_\_\_ Robert Q. Bradley Managing Directo

**Date:** 12/5/2003



NC-NYCDEP-00000611



### **Definitions for FLAGS used as a Results Suffix**

Flags are sometimes used on results to indicate certain occurences during the analysis process. The most common flags used by York are defined below.

#### <u>FLAG</u>

J

B

 $\mathbf{E}$ 

J indicates an estimated value. This flag applies to Tentatively Identified Compounds or, when requested, for a target compound whose result is less than the reporting limit but whose mass spectral data meet identification criteria. For example if the reporting limit is listed as 10 ppb and the analysis shows 3 ppb, the result can be reported as 3 J. The client must request the use of J flags for the laboratory to report such flags.

DEFINITION

B indicates that the analyte was also found in the associated batch method blank. This flag indicates possible/probable blank contamination and warns the data user to be aware. This mostly applies to the volatiles acetone and methylene chloride and the semi-volatiles bis-(2-ethylhexyl) phthalate and other phthalates.

This flag is used to indicate that the reported concentration of an analyte exceeded the calibration range of the analytical system. In this case the result reported is treated as a minimum value. This often applies where clients request an additional analyte after sample analysis, such as acetone, where the initial analysis did not require dilution since acetone was not a target compound. This flag will also apply if after numerous dilutions a specific target compound would significantly dilute out all other targets.

STAMFORD, CT 06906

06 (203) 325-1371

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Company	Name	Report To		<u>/oice To:</u>	Proje	it ID/No.	
Enviroscie	nce urtants	G. Menegro		Jare	DEP/WAFE	~ SDG 1 St MASpeter, NY Over 1018 Jam	ected by (signature) f le (Printed)
Sample No.	Loca	ition/ID D	ate Sample	d Sam Water S	ple Matrix oit Air DTHER	ANALYSES REQUESTED	Container Description(s)
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Comments/Spec	cial Instructi	ONS LAD Shrowld	4/4 for bor Deliven	resoluted en	באיזא זי	Turn-Around Time Standard RU	SH(define)

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ANALYTICAL LABORA	K TORIES, INC.		Field	Chain-of-	Custody Record	Page $\mathcal{A}$ of $\mathcal{A}$
DNE RESEARCH Stamford, CT ( (203) 325-1371 FAX (2	DRIVE 06906 203) 357-0166			- 10-1110110	09 11	0578.
Company Nam	e Report T		<u>nvoice To:</u>	Project II	VINO. R. L.	
Enviroserrue e	C. Menero		SAVAL	Dep/when =	206-1 Samples Coller Garage MEN.	cted By Bignature) <i>CSI</i> 0 5 (Printed)
Sample No. L	ocation/ID	)ate Samp	oled Same Water Sc	ble Matrix Air DTHER A	NALYSES REQUESTED	Container Description(s)
4t - 6	and aller	10/11/10/	63			
≥ <i></i>	15W-11/19.	, I	k	U CC	s, suces (datend) A/ PCB, total The wetals	2 dout/HU 4 12/nore
						1 250ml/more
Unain-or-custody Ke	sord	J	Thell	- 1120-0211	- Name	11/20 100
Bottles Relinquished from	Labert Date/Time	Sample	e Relinquished by	Date/Time	Sample Reserved by	C D Pater ime U.D
Bottles Received in Field	Date/Time	Sample	e Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
Comments/Special Insi	tructions $\mathcal{N}\psi$	soor Off ,	B Deliverabl.	9	Fum Around Time K Standard RUS	SH(define)

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Client Sample ID			MW-5A		MW-5B	
York Sample ID			03110610-05		03110610-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			' Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene	i		Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG				
Acenaphthene			9600 J	17000	810 J	1700
Acenaphthylene			Not detected	17000	Not detected	1700
Anthracene			18000	17000	2000	1700
Benzo[a]anthracene			50000	17000	4300	1700
Benzo[a]pyrene			37000	17000	3400	1700
Benzo[b]fluoranthene			40000	17000	3000	1700
Benzo[g,h,i]perylene			11000 J	17000	870 J	1700
Benzo[k]fluoranthene			31000	17000	3100	1700
Chrysene			59000	17000	4800	1700
Dibenz[a,h]anthracene			7900 J	17000	470 J	1700
Fluoranthene			82000	17000	7400	1700
Fluorene			10000 J	17000	1100 J	1700
Indeno[1,2,3-cd]pyrene			14000 J	17000	1200 J	1700
Naphthalene			5200 J	17000	580 J	1700
Phenanthrene			66000	17000	7100	1700
Pyrene			75000	17000	6500	1700
РСВ	SW846-3550B/8082	mg/Kg				
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02





# **Technical Report**

prepared for

Enviroscience Consultants, Inc. 2150 Smithtown Avenue Ronkonkoma, NY 11779 Attention: Mr. Peter Dermody

Report Date: 3/21/2005 *Re: Client Project ID: Maspeth* York Project No.: 05030504

CT License No. PH-0723

New York License No. 10854



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STRATFORD, CT 06615

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Page 1 of 10

NC-NYCDEP-00000616

Report Date: 3/21/2005 Client Project ID: Maspeth York Project No.: 05030504

#### Enviroscience Consultants, Inc.

2150 Smithtown Avenue Ronkonkoma, NY 11779 Attention: Mr. Peter Dermody

#### Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 03/17/05. The project was identified as your project "Maspeth ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Client Sample ID			SB-1A		SB-1B	
York Sample ID			05030504-01		05030504-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg				
alpha-Pinene			700		Not detected	

#### Analysis Results

Client Sample ID			SB-3A		SB-3B	
York Sample ID			05030504-03		05030504-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg				
Methyl cyclohexane			28		Not detected	
Unknown cyclic aliphatic			25	1	Not detected	

Client Sample ID			SB-5A		SB-5B	
York Sample ID			05030504-05		05030504-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			SB-6A		SB-6B	
York Sample ID			05030504-07		05030504-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>VOA Tentatively ID Compounds</b>	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			SB-8A		SB-8B	
York Sample ID			05030504-09		05030504-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg				
alpha-pinene			Not detected		29	

Client Sample ID			SB-10A		SB-10B	
York Sample ID			05030504-11		05030504-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>VOA Tentatively ID Compounds</b>	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			SB-11A		SB-11B	
York Sample ID			05030504-13		05030504-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			SB-16A		SB-16B	
York Sample ID			05030504-15		05030504-16	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			SB-17A		SB-17B	
York Sample ID			05030504-17		05030504-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	



		SB-21A		SB-21B	
		05030504-19		05030504-20	
		SOIL		SOIL	
Method	Units	Results	MDL	Results	MDL
SW846-8260	ug/kg	Not detected		Not detected	
	<b>Method</b> SW846-8260	Method Units SW846-8260 ug/kg	SB-21A       05030504-19       SOIL       Method     Units       SW846-8260     ug/kg       Not detected	SB-21A       05030504-19       SOIL       Method     Units       Results     MDL       SW846-8260     ug/kg	SB-21A     SB-21B       05030504-19     05030504-20       SOIL     SOIL       Method     Units     Results     MDL     Results       SW846-8260     ug/kg     Not detected     Not detected

Client Sample ID			SB-22A		SB-22B	
York Sample ID			05030504-21		05030504-22	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			SB-23A		SB-23B	
York Sample ID			05030504-23		05030504-24	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			SB-24A		SB-24B	_
York Sample ID			05030504-25		05030504-26	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg				
Decane			100		Not detected	
Dimethyl undecane isomer			170		Not detected	
Dodecane			120		Not detected	
Ethyl cyclohexane			59		Not detected	
Methyl decane isomer			84		Not detected	
Methyl nonane isomer			86		Not detected	
Propyl heptane			110		Not detected	
Undecane			55		Not detected	
Unknown alkyl cyclohexanes			240		Not detected	

Client Sample ID			SB-25A		SB-25B	
York Sample ID			05030504-27		05030504-28	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			SB-26A		SB-26B	
York Sample ID			05030504-29		05030504-30	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	

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Client Sample ID			SB-27A		SB-27B	
York Sample ID			05030504-31		05030504-32	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>VOA Tentatively ID Compounds</b>	SW846-8260	ug/kg				
Decahydro methyl naphthalene isomer			260		Not detected	
Dimethyl cyclohexane isomer			420		Not detected	
Dimethyl octane isomer			900		Not detected	
Dimethyl undecane isomer			220		Not detected	
Methyl cyclohexane			160		Not detected	
Methyl nonane isomer			370		Not detected	
Nonane			200		Not detected	
Tetramethyl cyclohexane isomer			400		Not detected	
Trimethyl cyclohexane isomer			490		Not detected	
Unknown alkene			150		Not detected	

Client Sample ID			SB-28A		SB-28B	
York Sample ID			05030504-33		05030504-34	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			SB-29A		SB-29B	
York Sample ID			05030504-35		05030504-36	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			SB-30A		SB-30B	
York Sample ID			05030504-37		05030504-38	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			SB-31A		SB-31B	
York Sample ID			05030504-39		05030504-40	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			TP-4		TP-5	
York Sample ID			05030504-41		05030504-42	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg				
Decahydro methyl naphthalene isomer			Not detected		23	
Dimethyl undecane isomer			29		Not detected	
Methyl nonane isomer			38		Not detected	
Unknown alkyl cyclohexane			18		Not detected	

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Client Sample ID			TP-6		<b>TP-7</b>	
York Sample ID			05030504-43		05030504-44	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected		Not detected	

Client Sample ID			TP-8		SS-1	
York Sample ID			05030504-45		05030504-46	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg				
Dimethyl disulfide			Not detected		31	
Dimethyl dodecane isomer			260		Not detected	
Dimethyl octane isomer			510		Not detected	
Dimethyl sulfide			Not detected		660	
Dimethyl undecane isomer			890		Not detected	
Ethyl dimethyl benzene isomer			440		Not detected	
Methyl (methylethyl) benzene isomer			280		Not detected	
Methyl nonane isomer			300		Not detected	
Methyl tridecane isomer			550		Not detected	
Tetrahydro methyl naphthalene isomers			780		Not detected	
Unknown alkyl cyclohexane			270		Not detected	

Client Sample ID			SS-2		SS-3	
York Sample ID			05030504-47		05030504-48	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/kg				
Dimethyl sulfide			Not detected		120	

Client Sample ID			GP-2		GP-4	
York Sample ID			05030504-49		05030504-50	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/L				
MTBE			10		3	

Client Sample ID			GP-6		GP-8	
York Sample ID			05030504-51		05030504-52	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/L				
MTBE			1		4	



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Client Sample ID			GP-10		GP-12	
York Sample ID			05030504-53		05030504-54	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/L				
MTBE			6		Not detected	

Client Sample ID			GP-14		GP-16	
York Sample ID			05030504-55		05030504-56	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/L				
MTBE			Not detected		43	

Client Sample ID			GP-28		GP-24	
York Sample ID			05030504-57		05030504-58	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/L				
1,2,3-Trimethylbenzene			Not detected		100	
Ethyl methyl benzene isomers			Not detected		105	
Methyl (methylethyl) benzene isomer			Not detected		10	· · · · · · · · · · · · · · · · · · ·
Methyl propyl benzene isomers			Not detected		18	
MTBE			2		92	
Tetramethyl benzene isomers			Not detected		12	

Client Sample ID			DW-1		DW-2	
York Sample ID			05030504-59		05030504-60	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected		Not detected	

Client Sample ID			MW-3-1998		MW-4-1998	
York Sample ID			05030504-61		05030504-62	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/L				
MTBE			Not detected		2	



Client Sample ID			MW-6		MW-7	
York Sample ID			05030504-63		05030504-64	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/L				
1,2,3-Trimethylbenzene			8		Not detected	
Indane			Not detected		9	
Methyl propenyl benzene isomer			Not detected		11	
MTBE			5		2	
Tetrahydronaphthalene isomer			Not detected		8	
Tetramethylbenzene isomer			Not detected		9	

Client Sample ID			<b>MW-8</b>		MW-9	
York Sample ID			05030504-65		05030504-66	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected		Not detected	

Client Sample ID			MW-12		MW-13	
York Sample ID			05030504-67		05030504-68	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/L				
(Methylethyl) cyclohexane isomer			Not detected		38	
(Methyl-propenyl) benzene isomer			Not detected		39	
1-Methyl indan			23		Not detected	
2-Propenyl benzene			20		Not detected	
alpha Pinene			Not detected		29	
Dihydro dimethyl indene isomer			23		Not detected	
Dimethyl octane isomer			Not detected		32	
Dimethyl undecane			37		Not detected	
Dimethyl undecane isomer			Not detected		48	
Ethanol			Not detected		33	
Ethyl alcohol			27		Not detected	
Ethyl cyclohexane			Not detected		32	
Methyl tridecane isomer			67		76	
MTBE			Not detected		2	
Tetrahydro methyl naphthalene isomer			Not detected		40	
Tetrahydro methyl naphthalene isomers			59		Not detected	
Tetrahydro naphthalene isomer			39		Not detected	
Tetramethyl benzene isomer			Not detected		32	
Trimethyl dodecane isomer			29		Not detected	

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Client Sample ID			SW-1		SW-2	
York Sample ID			05030504-69		05030504-70	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
VOA Tentatively ID Compounds	SW846-8260	ug/L				
Ethyl alcohol			Not detected		7	
Isopropyl alcohol			Not detected		19	
MTBE			1		1	

Client Sample ID			SG-2		SG-4	
York Sample ID			05030504-71		05030504-72	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
TO-14 Tent.Ident.Compounds	EPA TO-14	ppbv, est.	Not detected		Not detected	

Client Sample ID			SG-6		SG-8	
York Sample ID			05030504-73		05030504-74	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
TO-14 Tent.Ident.Compounds	EPA TO-14	ppbv, est.	Not detected		Not detected	

Client Sample ID			SG-10		SG-12	
York Sample ID			05030504-75		05030504-76	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
TO-14 Tent.Ident.Compounds	EPA TO-14	ppbv, est.	Not detected		Not detected	

Client Sample ID			SG-14		SG-16	_
York Sample ID			05030504-77		05030504-78	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
TO-14 Tent.Ident.Compounds	EPA TO-14	ppbv, est.	Not detected		Not detected	

Client Sample ID			SG-18		SG-20	
York Sample ID			05030504-79		05030504-80	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
TO-14 Tent.Ident.Compounds	EPA TO-14	ppbv, est.				
1-Ethyl-4-methyl benzene	· ·		Not detected		16	

Units Key:

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For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb



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#### Report Date: 3/21/2005 Client Project ID: Maspeth York Project No.: 05030504

#### Notes for York Project No. 05030504

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.

2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.

3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.

4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

5. All samples were received in proper condition for analysis with proper documentation.

6. All analyses conducted met method or Laboratory SOP requirements.

7. It is noted that no analyses reported herein were subcontracted to another laboratory.

**Approved By:** Robert Q. Bradley Managing Director

Date: 3/21/2005



### **ATTACHMENT 2**


#### Table 1

### Soil Samples Volatile Organic Analytical Results

		LOCATIO	N		
Sample Identification	B-1 10ft	B-2 10ft	B-3 10ft		
Boring Number	B-1	B-2	B-3	NYSDEC	6 NYCRR Part
Sample Depth	10 feet	10 feet	10 feet	TAGM #4046	Brownfield
Sample Date	1/29/2010	1/29/2010	1/29/2010	Soil Cleanup	<b>Residential Soil</b>
Sample Matrix	Soil	Soil	Soil	Objectives	Cleanup
Units	ug/kg	ug/kg	ug/kg	,	Objectives
Vola	tile Organic C	ompounds (µg	/kg) - EPA Me	thod 8260	
Benzene	<11	<10	< 11	60	2,900
n-Butylbenzene	<11	<10	<11	10,000	100,000
sec-Butylbenzene	<11	<10	<11	10,000	100,000
tert-Butylbenzene	<11	<10	<11	10,000	100,000
Ethylbenzene	<11	<10	<11	5,500	30,000
Isopropylbenzene	<11	<10	<11	2,300	NG
p-Isopropyltoluene	<11	<10	<11	10,000	NG
Naphthalene	<11	<10	<11	13,000	100,000
n-Propylbenzene	<11	<10	<11	3,700	100,000
Toluene	<11	<10	<11	1,500	100,000
1,2,4-Trimethylbenzene	<11	<10	<11	10,000	NG
1,3,5-Trimethylbenzene	<11	<10	<11	3,300	NG
o-Xylene	<11	<10	<11	1,200	100,000
p- & m-Xylenes	<22	<21	<21	1,200	1,600
MTBE	<11	<10	<11	120	6,200

NS : No Standard

ug/kg...micrograms per kilogram

	Table 2	
Soil Sample	Semi-Volatile Organic	Analytical Results
	LOCATION	

		LOCAI	PICOL		
Sample Identification	B-4 Loft	B-5 Loft	B-6 Loft		and the first of the first of the first of the first of the first of the first of the first of the first of the
Boring Number	B-4	B-5	B-6	NYSDEC	( ND/CDD D. + 177
Sample Depth	10 feet	10 feet	10 feet	TAGM #4046	6.8(b) Brownfield
Sample Date	2/4/2010	2/4/2010	2/4/2010	Soil Cleanup	Residential Soil
Sample Matrix	Soil	Soil	Soil	Objectives	Cleanup Objectives
Units	ug/kg	ug/kg	ug/kg		
Sei	ni-Volatile Orga	anic Compoun	ids (µg/kg) - El	PA Method 8270	*****
Acenaphthene	<4070	<3920	<4010	<b>50,0</b> 00	100,000
Acenaphthylene	<4070	<3920	<4010	41,000	100,000
Anthracene	1200	<3920	<4010	50,000	100,000
Benzo (a) anthracene	2590	<3920	<4010	224	1,000
Benzo (b) fluoranthene	2300	<3920	<4010	1,100	1,000
Benzo (k) fluoranthene	2110	<3920	<4010	1,100	1,000
Benzo (g,h,i) perylene	<4070	<3920	<4010	50,000	100,000
Benzo (a) pyrene	2020	<3920	<4010	61	1,000
Chrysene	2710	<3920	<4010	400	1,000
Dibenz (a,h) anthracene	<4070	<3920	<4010	14	330
Fluoranthene	5010	<3920	<4010	50,000	100,000
Fluorene	1780	<3920	<4010	50,000	100,000
Indeno (1,2,3-cd) pyrene	<4070	<3920	<4010	3,200	500
Naphthalene	<4070	<3920	<4010	13,000	100,000
Phenanthrene	4880	<3920	<4010	50,000	100,000
Pyrene	4750	<3920	<4010	50,000	100,000
				the second second second second second second second second second second second second second second second se	

NS : No Standard

ug/kg...micrograms per kilogram

Shaded values represents concentration exceeding NYSDEC TAGM 4046 soil cleanup guidelines and Brownfield Residential SCO Shaded values represents Report Limit concentration exceeding NYSDEC TAGM 4046 soil cleanup guidelines and Brownfield Residential SCO

Table 2
Soil Samples Semi-Volatile Organic Analytical Results
IOCATION

		LOCAIR	)1N		
Sample Identification	B-1 10ft	B-2 10ft	B-3 10ft	and a second second second second second second second second second second second second second second second	
Boring Number	B-1	B-2	B-3	NYSDEC	6 NYCRR Part
Sample Depth	10 feet	10 feet	10 feet	TAGM #4046	375-6.8(b)
Sample Date	1/29/2010	1/29/2010	1/29/2010	Soil Cleanup	Residential Soil
Sample Matrix	Soil	Soil	Soil	Objectives	Cleanup Objectives
Units	ug/kg	ug/kg	ug/kg		
Semi	i-Volatile O <mark>rg</mark> anic	Compounds	(µg/kg) - EPA I	Method 8270	lan in de de la de la constant de la constant de la constant de la constant de la constant de la constant de la
Acenaphthene	<358	<345	231	50,000	100,000
Acenaphthylene	115	<345	163	41,000	100,000
Anthracene	596	603	802	50,000	100,000
Benzo (a) anthracene	1790	1620	2550	224	1,000
Benzo (b) fluoranthene	1600	1310	2440	1,100	1,000
Benzo (k) fluoranthene	1730	1230	1920	1,100	1,000
Benzo (g,h,i) perylene	974	855	1610	50,000	100,000
Benzo (a) pyrene	1740	1380	2500	61	1,000
Chrysene	1860	1560	2650	400	1,000
Dibenz (a,h) anthracene	391	111	580	14	330
Fluoranthene	3400	2940	4480	50,000	100,000
Fluorene	184	224	300	50,000	100,000
Indeno (1,2,3-cd) pyrene	865	842	1430	3,200	500
Naphthalene	<358	<345	<352	13,000	100,000
Phenanthrene	2070	1970	2920	50,000	100,000
Pyrene	2820	2270	4030	50,000	100,000
NS : No Standard				an an an an an an an an an an an an an a	A RECEIVED AND A RECEIVED

ug/kg...micrograms per kilogram

Shaded values represents concentration exceeding NYSDEC TAGM 4046 soil cleanup guidelines as well as Brownfield Residential SCO Shaded values represents concentration exceeding Brownfield Residential SCO but below NYSDEC TAGM 4046 soil cleanup guidelines

#### Table 1

#### Soil Samples Volatile Organic Analytical Results

Sample Identification	B-4 Loft	B-5 Loft	B-6 Loft		
Boring Number	B-4	B-5	B-6	NYSDEC	6 NYCRR Part 375-6 8(b)
Sample Depth	10 feet	10 feet	10 feet	TAGM #4046	Brownfield
Sample Date	2/4/2010	2/4/2010	2/4/2010	Soil Cleanup	Residential Soil
Sample Matrix	Soil	Soil	Soil	Objectives	Cleanup
Units	ug/kg	ug/kg	ug/kg		Objectives
Vola	atile Organic (	Compounds (µ	g/kg) - EPA M	ethod 8260	
Benzene	<12	3.4	<60	60	2,900
n-Butylbenzene	<12	29	<60	10,000	100,000
sec-Butylbenzene	<12	40	35	10,000	100,000
tert-Butylbenzene	<12	15	49	10,000	100,000
Ethylbenzene	<12	<12	<60	5,500	30,000
Isopropylbenzene	<12	11	<60	2,300	NG
p-Isopropyltoluene	<12	3.1	<60	10,000	NG
Naphthalene	4.9	23	42	13,000	100,000
n-Propylbenzene	2.5	12	<60	3,700	100,000
Toluene	<12	3.7	<60	1,500	100,000
1,2,4-Trimethylbenzene	<12	7.7	12	10,000	NG
1,3,5-Trimethylbenzene	<12	<12	<60	3,300	NG
o-Xylene	<12	4.1	<60	1,200	100,000
p- & m-Xylenes	4.0	5.3	<120	1,200	1,600
MTBE	<12	<12	<60	120	6,200

LOCATION

NS : No Standard

ug/kg...micrograms per kilogram

#### Table X Water Samples Volatile Organic Analytical Results LOCATION

		CILICIN		
Sample Identification	B-1 GW	B-2 GW	B-3 GW	T
Boring Number	B-1 GW	B-2 GW	B-3 GW	NYSDEC TOGS
Sample Date	1/29/2010	1/29/2010	1/29/2010	1.1.1 Groundwater
Sample Matrix	Water	Water	Water	Quality Standards
Units	ug/L	ug/L	ug/L	
Vol	latile Organic Compou	unds (µg/kg) - EPA M	lethod 8260	
Benzene	< 5	< 5	< 5	1
n-Butylbenzene	< 5	< 5	< 5	5
sec-Butylbenzene	< 5	< 5	< 5	5
tert-Butylbenzene	< 5	< 5	< 5	5
Ethylbenzene	< 5	< 5	< 5	5
Isopropylbenzene	< 5	< 5	< 5	5
p-Isopropyltoluene	< 5	< 5	< 5	5
Naphthalene	< 5	< 5	< 5	10
n-Propylbenzene	< 5	< 5	< 5	5
Toluene	< 5	< 5	< 5	5
1,2,4-Trimethylbenzene	< 5	< 5	< 5	5
1,3,5-Trimethylbenzene	< 5	< 5	< 5	5
o-Xylene	< 5	< 5	< 5	5
p- & m-Xylenes	< 10	< 10	< 10	5
MTBE	1.24	< 5	< 5	5

ug/L...micrograms per liter NS... No Standards

Shaded values represent Report Limit concentration exceeding NYSDEC TOGS 1.1.1 Groundwater Quality Standards

#### Table X

#### Water Samples Semi-Volatile Organic Analytical Results

LOCATION

Sample Identification	B-1 GW	B-2 GW	B-3 GW	
Boring Number	B-1 GW	B-2 GW	B-3 GW	NYSDEC
Sample Date	1/29/2010	1/29/2010	1/29/2010	TOGS 1.1.1
Sample Matrix	Water	Water	Water	Quality Standards
Units	ug/L	ug/L	ug/L	
Ser	ni-Volatile Organic Com	pounds (µg/kg) - EPA	Method 8270	
Acenaphthene	<26,3	<6.25	<5.26	20
Acenaphthylene	<26.3	<6.25	<5.26	NS
Anthracene	<26.3	<6.25	<5.26	50
Benzo(a)anthracene	<26.3	<6.25	<5.26	NS
Benzo(b)fluoranthene	<26.3	<6.25	<5.26	0.002
Benzo(k)fluoranthene	<26.3	<6.25	<5.26	0.002
Benzo(g,h,i)perylene	<26.3	<6.25	<5.26	NS
Benzo(a)pyrene	<26.3	<6.25	<5.26	NS
Chrysene	<26,3	<6.25	<5.26	0.002
Dibenzo(a,h)anthracene	<26,3	<6.25	<5.26	NS
Fluoranthene	<26.3	<6.25	<5.26	50
Fluorene	<26.3	<6.25	<5.26	50
Indeno(1,2,3-cd)pyrene	<26.3	<6.25	<5.26	0.002
Naphthalene	<26.3	<6.25	<5.26	10
Phenanthrene	<26.3	<6.25	<5.26	50
Pyrene	<26.3	<6.25	<5.26	50

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NS... No Standards

Shaded values represent Report Limit concentration exceeding NYSDEC TOGS 1.1.1 Groundwater Quality Standards

Table X
Water Samples Volatile Organic Analytical Results
LOCATION

		CILLIOIN		
Sample Identification	B-4 W	B-5 W	B-6 W	
Boring Number	B-4 W	B-5 W	B-6 W	NYSDEC TOGS
Sample Date	2/4/2010	2/4/2010	2/4/2010	1.1.1 Groundwater
Sample Matrix	Water	Water	Water	Quality Standards
Units	ug/L	ug/L	ug/L	
Vo	latile Organic Compo	unds (µg/kg) - EPA M	ethod 8260	
Benzene	15.2	0.99	< 5	1
n-Butylbenzene	8.48	5.23	< 5	5
sec-Butylbenzene	11.9	6.96	3.93	5
tert-Butylbenzene	1.08	1.43	< 5	5
Ethylbenzene	13.8	<5	< 5	5
Isopropylbenzene	13.3	8.73	3.83	5
p-Isopropyltoluene	2.82	0.83	< 5	5
Naphthalene	53.1	16.0	2.17	10
n-Propylbenzene	15.0	10.8	5.06	5
Toluene	2.37	<5	< 5	5
1,2,4-Trimethylbenzene	34.2	22.8	1.88	5
1,3,5-Trimethylbenzene	7.08	4.69	< 5	5
o-Xylene	15.2	1.06	< 5	5
p- & m-Xylenes	21.8	1.72	< 10	5
MTBE	<5	<5	< 5	5

ug/L...micrograms per liter NS... No Standards

Shaded values represent concentration exceeding NYSDEC TOGS 1.1.1 Groundwater Quality Standards Shaded values represent Report Limit concentration exceeding NYSDEC TOGS 1.1.1 Groundwater Quality Standards

#### Table X

#### Water Samples Semi-Volatile Organic Analytical Results

Sample Identification	B-4 W	B-5 W	B-6 W	
Boring Number	B-4 W	B-5 W	B-6 W	NYSDEC
Sample Date	2/4/2010	2/4/2010	2/4/2010	TOGS 1.1.1
Sample Matrix	Water	Water	Water	Ouality Standards
Units	ug/L	ug/L	ug/L	
Semi	Volatile Organic Com	pounds (µg/kg) - EP.4	A Method 8270	
Acenaphthene	<5.26	<5.56	<5.41	20
Acenaphthylene	<5.26	<5.56	<5.41	NS
Anthracene	<5.26	<5.56	<5.41	50
Benzo(a)anthracene	<5.26	<5.56	7.02	NS
Benzo(b)fluoranthene	<5.26	<5.56	<5.41	0.002
Benzo(k)fluoranthene	<5.26	<5.56	<5.41	0.002
Benzo(g,h,i)perylene	<5.26	<5.56	<5.41	NS
Benzo(a)pyrene	<5.26	<5.56	<5.41	NS
Chrysene	<5.26	<5.56	6.63	0.002
Dibenzo(a,h)anthracene	<5.26	<5.56	<5.41	NS
Fluoranthene	<5.26	<5.56	8.58	50
Fluorene	3.61	<5.56	<5.41	50
Indeno(1,2,3-cd)pyrene	<5.26	<5.56	<5.41	0.002
Naphthalene	<5.26	<5.56	<5.41	10
Phenanthrene	6.49	<5.56	<5.41	50
Pyrene	<5.26	<5.56	10.0	50

LOCATION

NS... No Standards

Shaded values represent Report Limit concentration exceeding NYSDEC TOGS 1.1.1 Groundwater Quality Standards

# **ATTACHMENT 3**

NC-NYCDEP-00000636

# ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

# **Spill Record**

/6/12

## Administrative Information

DEC Region: 2 Spill Number: 9209704

## Spill Date/Time

**Spill Date:** 11/19/1992 **Spill Time:** 12:00:00 PM **Call Received Date:** 11/19/1992 **Call Received Time:** 04:40:00 PM

## Location

Spill Name: 57-15 49TH STREET Address: 57-15 49TH STREET City: QUEENS County: QUEENS

## **Spill Description**

**Material Spilled Amount Spilled Resource Affected** 

#2 Fuel Oil UNKNOWN Soil

/www.dec.ny.gov/cfmx/extapps/derexternal/spills/details.cfm?pageid=2

Cause: Tank Failure Source: Commercial/Industrial Waterbody:

## **Record Close**

/6/12

#### Date Spill Closed: 06/18/2004

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred. Refine Current Search

/ww.dec.ny.gov/cfmx/extapps/derexternal/spills/details.cfm?pageid=2

# ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

# **Spill Record**

# Administrative Information

DEC Region: 2 Spill Number: 9804647

## **Spill Date/Time**

Spill Date: 07/06/1998 Spill Time: 12:00:00 PM Call Received Date: 07/14/1998 Call Received Time: 10:04:00 AM

## Location

Spill Name: 57-15 49TH ST Address: 57-15 49TH ST City: MASPETH County: QUEENS

## **Spill Description**

Material SpilledAmount Spilled Resource AffectedUNKNOWN PETROLEUMUNKNOWNSoil

/6/12

Cause: Unknown Source: Unknown Waterbody:

/6/12

## **Record Close**

#### Date Spill Closed: 06/18/2004 ·

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred. Refine Current Search

/ww.dec.ny.gov/cfmx/extapps/derexternal/spills/details.cfm?pageid=2

# ENVIRONMENTAL CONSERVATION

# Spill Incidents Database Search Details

# Spill Record

# Administrative Information

DEC Region: 2 Spill Number: 0313650

## Spill Date/Time

**Spill Date:** 03/12/2004 **Spill Time:** 02:45:00 PM **Call Received Date:** 03/12/2004 **Call Received Time:** 03:01:00 PM

# Location

Spill Name: NYC ERP SITE Address: 57-15 49TH ST City: MASPETH County: QUEENS

# **Spill Description**

### Material Spilled Amount Spilled Resource Affected

Waste Oil/Used OilUNKNOWNSoil#2 Fuel OilUNKNOWNSoil

/6/12

Cause: Other Source: Unknown Waterbody: PBS #: 2-610335

## Record Close

#### Date Spill Closed: 03/28/2011

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred. Refine Current Search

### PREW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

# Bulk Storage Database Search Details Facility Information

Site No.: 2-610335 Status: Unregulated Expiration Date: 07/20/2009 Site Type: PBS Site Name: MASPETH Address: 57-15 49TH STREET Locality: MASPETH State: NY Zipcode: 11378 County: QUEENS

/6/12

# **Owner(s) Information**

Owner: NYC DEPT. OF ENVIRONMENTAL PROTECTION 59-17 JUNCTION BLVD . FLUSHING, NY. 11373 Mail Contact: NYC DEPT. OF ENVIRONMENTAL PROTECTION 59-17 JUNCTION BOULEVARD . FLUSHING, NY. 11373

# **Tank Information**

### 1 Tanks Found

Tank NoTank LocationStatusCapacity (Gal.)001UndergroundClosed - Removed20000

www.dec.ny.gov/cfmx/extapps/derexternal/abs/details.cfm

Refine Current Search

# Bulk Storage Database Search Details Tank Information

Site No: 2-610335 Site Name: MASPETH Tank No: 001 Tank Location: Underground Tank Status: Closed - Removed Tank Install Date: Tank Closed Date: 03/10/2008 Tank Capacity: 20000 gal. Product Stored: #2 Fuel Oil Percentage: 100% Tank Type: 01 - Steel/Carbon Steel/Iron Tank Internal Protection: None Tank External Protection: Painted/Asphalt Coating Tank External Protection: Original Sacrificial Anode Tank Secondary Containment: None Tank Leak Detection: Groundwater Well **Overfill:** None Spill Prevention: None Dispenser: None Pipe Location: No Piping Pipe Type: Steel/Carbon Steel/Iron Pipe External Protection: Original Sacrificial Anode Pipe External Protection: Wrapped Piping Secondary Containment: None Piping Leak Detection: None Tank Next Test Due: Tank Last Test: Tank Test Method: Testing Not Required **Refine Current Search** 

Back to Facility Info

NC-NYCDEP-00000646

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

# Spill Incidents Database Search Details

# **Spill Record**

## **Administrative Information**

DEC Region: 2 Spill Number: 0801483

## Spill Date/Time

Spill Date: 05/07/2008 Spill Time: 01:49:00 PM Call Received Date: 05/07/2008 Call Received Time: 01:49:00 PM

## Location

Spill Name: CONTAM. ADJ. TO NYC ERP SITE Address: 2 GALASSO PLACE / 1 RAILROAD PLACE City: MASPETH County: QUEENS

## **Spill Description**

#### **Material Spilled Amount Spilled Resource Affected**

#2 Fuel Oil UNKNOWN Soil

Cause: Other Source: Commercial/Industrial Waterbody:

## **Record Close**

/6/12

#### Date Spill Closed: 11/17/2011

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Refine Current Search

# **ATTACHMENT 4**

NYC DEPARTMENT OF OFFICE OF THE CITY I This page is part of the instrumen Register will rely on the informat by you on this page for purposes this instrument. The information will control for indexing purpose of any conflict with the rest of th	FINANCE REGISTER nt. The City ion provided of indexing on this page s in the event e document.		2010012601206	5001001EC7F9
	RECORD	ING AND END	ORSEMENT COVER	A PAGE PAGE 1 OF
Document ID: 201001260 Document Type: COURT OF Document Page Count: 4	1206001 RDER	Document D	ate: 11-23-1994	Preparation Date: 01-26-201
PRESENTER: NYC LAW DEPARTMENT 100 CHURCH STREET NEW YORK, NY 10007 212-788-0803 adjackso@law.nyc.gov			RETURN TO: NYC LAW DEPART 100 CHURCH STRE TAX & BANKRUPT NEW YORK, NY 10 212-788-0803 adjackso@law.nyc.go	FMENT EET FCY UNIT D007
			ucjuerso e nuw.nye.go	· •
Borough     Block       QUEENS     2575       Property Type:       CRFN	Lot 26 Entire OTHER nt ID	Unit A e Lot N CROSS REFI Or PAI	Address N/A 49TH STREET ERENCE DATA Year Reel I RTIES PARTY 2/GRANTE CITY OF NEW YOR 59-17 JUNCTION BI	Page or File Number EE: RK LVD, C/O DEPT OF
NEW YORK, NY 10007			ENVIRONMENTAL FLUSHING, NY 113	PROTECTION 373
		FEES A	ND TAXES	
Mortgage Mortgage Amount: Taxable Mortgage Amount:	\$	0.00	Filing Fee: NYC Real Property T	\$ 0.00 Transfer Tax:
Exemption: TAXES: County (Basic): City (Additional):	\$ \$	0.00	NYS Real Estate Tran	\$ 0.00 nsfer Tax: \$ 0.00
Spec (Additional): TASF: MTA: NYCTA: Additional MRT: TOTAL: Recording Fee:	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.00 0.00 0.00 0.00 0.00 0.00 0.00	RECOL	RDED OR FILED IN THE OFFICI THE CITY REGISTER OF THE CITY OF NEW YORK Recorded/Filed 02-04-2010 17:02 City Register File No.(CRFN): 2010000041999
Affidavit Fee:	\$ \$	0.00		(f <b>naitte M ffill</b> City Register Official Signature

At IA Part 8, of the Supreme Court of the State of New York, held in and for the County of Queens, located at 88-11 Sutphin Boulevard, in the Borough of Queens, City and State of New York on the 23<sup>rd</sup> day of Movember , 1994.

PRESENT: Edwin Kassoff

HON.

#### Justice.

\_\_\_\_\_\_

In the Matter of Application of the CITY OF NEW YORK, relative to acquiring title in fee simple absolute to certain real property where not heretofore acquired for

ORDER

Index No. 22912/94

#### BARNWELL AVENUE REPLACEMENT SITE - 49TH STREET (Department of Environmental Protection)

located at 49th Street and 57th Avenue, in the Borough of Queens, City and State of New York.

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Petitioner, the City of New York, having applied to this Court for an order to condemn certain real property, where not heretofore acquired for the same purpose, required as a site for the **BARNWELL AVENUE SITE 49TH STREET**, in the Borough of Queens, City and State of New York, and to have the compensation which should be made to the respective owners of, or persons interested in the property ascertained and determined by this Court without a jury, in accordance with the approval of acquisition signed by the Deputy Mayor on July 22, 1992 (Certificate No. CBX-7922), and said application having come on to be heard before me on the 23rd day of November, 21994, and PAUL A. CROTTY, Corporation Counsel (by Theodore Zimmerman, Assistant Corporation Counsel), having appeared in support of said application; and

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having appeared in opposition thereto,

N O W, on reading and filing the Petition of the City of New York, verified the 7th day of November, 1994, the Notice of Application to Condemn, dated the 1st day of November, 1994, the affidavit of Pauline Jones, sworn to the 2nd day of November, 1994, showing the due mailing of copies of said Notice of Application to Condemn and the Petition together with the relevant portion of the acquisition map to the last known owners and taxpayers of record of the property to be acquired; the affidavit of VIRGINIA BULL, sworn to on the 22nd day of November, 1994, showing due publication of said Notice of Application to Condemn in at least ten successive issues of The City Record, an official newspaper printed and published in the City of New York; and the , sworn to the 17th day of affidavit of FRANK ENGORON November, 1994, showing the posting of said Notice of Application to Condemn in the form of handbills upon or near the property to be condemned,

N O W, on motion of PAUL A. CROTTY, Corporation Counsel of the City of New York, it is

ORDERED, that the Petition be, and the same hereby is granted in all respects, and it is further

-2-

ORDERED, that the petitioner is authorized to file the acquisition map in the office of the Clerk of the County of Queens, or in the office of the City Register and it is further

ORDERED, that upon filing of this Order and the acquisition map with said County Clerk or with the City Register, title to the property shown on said map shall vest in the City of New York, and it is further

ORDERED, that the compensation which should be made to the owners of the property sought to be acquired in this proceeding be ascertained and determined by this Court without a jury, and it is further

ORDERED, that within thirty days after title vesting, petitioner shall cause a notice of acquisition to be published in at least ten successive issues of The City Record, an official newspaper published in the City of New York, and shall serve a copy of such notice by first class mail on each condemnee or his, her, or its attorney of record, and it is further

ORDERED, that each condemnee shall have a period of ninety (90) days from the date of mailing of the notice in which to file a munitiencertain, demand or notice of appearance with the Clerk of this court and to serve a copy of the same upon PAUL A. CROTTY, Corporation Counsel of the City of New York, 100 Church Street, Room 5D-1, Diewijzork, New York, 10007.

Ofrica Danies 11 CLERK

ENTER

Hon. Edwin Kassoff

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	Of Counsel: Theodore Zimmerman Tel: (212) 788-0704 NYCLIS No.	PAUL A. CROTTY Corporation Counsel of the City of New York Attorney for The City of New York 100 Church Street - Room 5D9 New York, N.Y. 10007	ORDER		located at 49th Street and 57th Avenue, in the Borough of Queens, City and State of New York.	BARNWELL AVENUE REPLACEMENT SITE - 49TH STREET (Department of Environmental Protection)	In the Matter of Application of the CITY OF NEW YORK, relative to acquiring title in fee simple absolute to certain real property where not heretofore acquired for	SUPREME COURT OF THE STATE OF NEW YORK COUNTY OF QUEENS : IA PART 8	
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### New York State Department of Environmental Conservation Division of Environmental Remediation

Remedial Bureau B 625 Broadway, Albany, New York 12233-7016 Phone: (518) 402-9768 • FAX: (518) 402-9020 Website: www.dec.state.ny.us



January 13, 2006

Mr. Innocent Taziva NYC Department of Environmental Protection 59-17 Junction Blvd. 17th Floor Flushing, New York 11373

> RE: Interim Remedial Measure (IRM); Maspeth Railroad Place Site (ID No. B00152-2)

Dear Mr. Taziva

As we have discussed, the Final Remedial Investigation (RI) report makes it clear that the abandoned 20,000 gallon underground storage tank located in the southwestern portion of the property is one of the more significant environmental concerns at the site, and as such, it would be beneficial to address the problem through the implementation of an IRM rather than waiting for the issuance of a Proposed Plan and Record of Decision addressing the entirety of the site. While the primary reason any IRM is the efficient removal of a contaminant source, this IRM may yield an added benefit by further defining the extent of petroleum contamination should a full removal prove unfeasible in the field.

Please prepare a work plan detailing all aspects of the tank excavation, as well as the removal of any grossly contaminated soils encountered. Please be sure to include a discussion of the waste sampling/disposal plan within the submittal. The work plan should be submitted by February 24, 2006.

If you have any questions, please contact me at (518) 402-9694. Thank you.

Sincerely,

Jonathan Hun

Jonathan Greco

#### EC: J. Quinn G. Laccetti