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June 25, 2014

Mr. Jim Pinto
City of Peekskill
840 Main Street
Peekskill, New York 10566

Re: Phase II Investigation
Former L&L Salvage Site at 1005 and 1009 Lower South Street and
Former Karta Site at 1011 Lower South Street
City of Peekskill, Westchester County, New York
Chazen Job # 81323.07

Dear Mr. Pinto,

The Chazen Companies (Chazen) are pleased to provide you with this report, summarizing a Phase II Environmental Site Assessment (ESA) at the abovementioned properties (**Figure 1**). This Phase II was performed to investigate whether the former L&L Salvage Site and the Karta 1011 Site, at the above-listed addresses, exhibit evidence of impacts that might warrant inclusion in the New York State Brownfields Cleanup Program (BCP).

This sampling was performed to gather information about the soil conditions on both properties. The investigation for the Karta 1011 Site included particular data collection resolving Part 360 obligations at this site in ways which might better suit the site for the BCP.

The findings suggest that the sampled areas are impacted at levels not meeting criteria for the desired future Restricted-Residential Use of the combined properties, and that Part 360 regulatory requirements currently burdening the Karta 1011 site could be extinguished based on SPLP results and thin fill profile data. We recommend a discussion with NYSDEC to confirm eligibility of these sites.

BACKGROUND

L&L Salvage Site

The 1.81-acre former L&L Salvage site consists of two parcels (Section 32.20, Block 2, and Lots 6 and 7) that have been vacated by the prior salvage and junkyard owner/operator. The site includes a scale pit, a soil pile (previously estimated at 14,100 cubic yards), a pile of cobbles and boulders, limited vegetated areas, and a pile of mixed debris including cobbles, boulders, concrete, and some vehicle parts.

Available information shows that the property was formerly owned by the City of Peekskill in the 1940s and 1950s, owned by Richard Locaparra in the 1980s into the 2000s and dba L&L Scrap Metal, and reacquired by the City of Peekskill in 2011.

One spill was reported at the L&L Scrap Metal site (NYSDEC Spill #0010387) and remains open. Consent Order NYSDEC Case No. 3-20000407-39 was issued to Richard Locaparra, dba L&L Scrap Metals, for the 1009 Lower South Street property. The Order was initially submitted in April 2000, and reissued in March 2001 after Mr. Locaparra's failure to sign. NYSDEC issued a Decision and Order on June 16, 2003. The identified issue involved the discharge of petroleum (oil and gasoline) at the car crushing and scrap metal operations on March 14 and 20, 2000. The discharge was into waters of the State, violating ECL section 17-0501 and 17-0803 and 6 NYCRR 703.6 and 751.1, and the Navigation Law Section 173.

A November 2000 Site Investigation was conducted by L&L to investigate the spill area and vicinity; analytical results from the January 4, 2001 Ira D. Conklin & Sons, Inc. report are summarized in Appendix A. The spill area reported volatile organic compound (VOC) concentrations greater than the Part 375 Restricted-Residential Use soil cleanup objectives (SCOs). Other detected compounds included the semi-volatile organic compound (SVOC) benzo(a)pyrene, with concentrations greater than Industrial Use SCOs in two locations (2.7 and 5 ppm); these two samples also reported concentrations of other polycyclic aromatic hydrocarbons (PAHs) greater than Restricted-Residential Use SCOs. Lead concentrations greater than the Restricted-Residential Use SCO were reported in four locations and ranged from 559 to 1,360 ppm, exceeding Commercial Use SCO in one location. Four cadmium concentrations exceeded the Commercial Use SCO and ranged from 10.3 to 14.3 ppm. Chromium concentrations greater than the Part 375 Restricted-Residential Use SCO were also reported in four locations, and ranged from 49 to 124 ppm. Polychlorinated biphenyls (PCBs) concentrations greater than the Restricted-Residential and Commercial Use SCO were identified in four locations.

A 2003 soil investigation, performed by National Environmental Specialists (NES), identified SVOC-impacted soil in the southern area of the site (letter is included in Appendix A). Impacted material was reported in from grade to a depth of approximately 8 feet below ground surface (bgs). One boring reported a lead concentration that NES considered to be potentially hazardous. NES recommended excavation of impacted soils.

No report documenting soil excavation was available to Chazen; however, a July 5, 2005, letter from Ecosystems Strategies, Inc. (ESI) noted that soil excavations and stockpiles were observed (letter is included in Appendix A). Sampling of excavations showed that petroleum-contaminated soils had been removed from those locations. Sampling of a stockpile of petroleum-contaminated soil (approximately 4,500 tons) showed the material to be non-hazardous but reported elevated PCBs concentrations. Samples of a soil pile generated from surface soils (approximately 150 to 250 cubic yards) reported elevated metals and PCBs concentrations. Ten soil samples from test pits installed across the site confirmed remaining elevated metals (particularly lead and mercury) and low levels of PAHs and PCBs. Surface soil samples collected from a building present on the site at the time, reported significantly elevated lead and mercury concentrations that ESI noted might require disposal as hazardous waste. The volumes of excavated soil described in this 2005 report are less than the estimated volume noted by Tectonic in 2011, which described a 14,100-cubic yard stockpile of soil staged on the site.

City testing of the soil stockpile in 2011 by Tectonic Engineers showed that the material contained PAHs, lead, mercury, and PCBs at concentrations greater than Restricted-Residential SCOs (results included in Appendix A). Stockpile sampling indicated that the material was not hazardous for metals, resolving the concern raised by ESI in 2005.

Former Karta Site at 1011 Lower South Site (aka Karta 1011 Site)

The 4.4-acre Karta 1011 Site consists of one parcel (Section 32.20, Block 2, and Lot 5) that contains one structure and remnants of former sorting/recycling facility features. Past uses of the site included solid waste operations, C&D processing, junk yard and a residence.

Available information shows that the property was formerly owned by the City of Peekskill in the 1940s, then subsequent owners included Muller & Gallagher (1950s), Scodeck Construction Corp (early 1980s), Travis Lane Associates, Inc. (1980s), Karta Recycling (circa mid-1990s to early 2000s), and Peekskill Bay, LLC (2006). The City reacquired the property in 2009.

Four spills were reported at the site associated with Karta Recycling (NYSDEC Spill #9914062), Karta Corp (NYSDEC Spill #0210650), Mulch Process Building (NYSDEC Spill #0400639), and Waste Management Truck (NYSDEC Spill #0606547). The Karta 1011 Site was left impacted by solid waste activities and is currently regulated under the NYSDEC Part 360 Solid Waste Program. A Site Closure Investigation Report and Facility Closure Plan were prepared in 2013.

A Site Investigation was performed on this property in 2011 by Tectonic and identified fill material and two primary impact areas that reported concentrations of PAHs, PCBs, and mercury greater than the Part 375 Restricted-Residential Use SCOs. Reported PAH concentrations exceed Commercial and some Industrial Use SCOs on the Karta 1011 Site and PCB concentrations exceed Restricted-Residential SCOs in 12 locations, and Commercial SCOs in three of those locations. Elevated barium concentrations reported beneath the building at the south end of the parcel exceeded the Commercial SCO. Soil vapor sampling at the northern end of this parcel showed the presence of elevated VOC concentrations. Data summary tables for these samples are included in Appendix A. Volumes of fill and/or buried solid waste appear limited.

INVESTIGATION ACTIVITIES

Soil Boring Sampling

Soil borings were advanced in limited areas by Chazen to investigate soil conditions at the L&L Salvage and Karta 1011 sites. The boring locations are shown on Figure 1. Locations on the Karta 1011 Site were selected using previous Site Investigation sample data to reoccupy locations with the highest SVOC and/or metals concentrations.

All soil borings were advanced with a GeoProbe fitted with a MacroCore™ split barrel sampler to a depth between 3.5 and 10 feet bgs. Soils recorded in the core included both natural materials and fill material.

- Fill depths ranging from 1 foot to 10 feet thick, and consisted of brick, concrete, wood, rock, asphalt. Fill material at the L&L Salvage Site also included coal/ash, while fill material at the 1011

Site also included tile and glass, and exhibited an odor described as burnt or septic-like in some locations.

- Sand and gneiss were encountered in most of the L&L Salvage site borings. Four borings at the Karta 1011 Site included what appeared to be undisturbed sand, silt, gneiss, and/or till.

Continuous soil cores were collected in 4-foot intervals as each boring advanced from grade to the final depth of each boring. The log of each boring is attached to this report. Each sample interval was inspected for visual and/or olfactory evidence of impacts, and headspace samples screened with a photoionization detector (PID) for volatile organic compounds (VOCs). PID readings ranged from 0 to 0.1 ppm. At the L&L Salvage Site, both surface and subsurface samples were collected from seven of the nine borings; due to shallow refusal, deeper samples were not collected borings LL-SB-3 and LL-SB-7. Based on an absence of observable impacts in any shallow or deep sample, the deepest samples were selected for analysis.

Groundwater was not encountered anywhere on site. On the Karta 1011 Site, soil graded from moist to wet in boring 1011-SB-1; however, the soil was not saturated or representative of groundwater. An approximately one-foot layer of wet soil was observed in 1011-SB-2 at 4 feet bgs; however, water was not observed in deeper soil. No wet soil horizons were noted on the L&L site.

Soil samples were collected in laboratory-supplied bottleware and submitted to Chemtech under standard chain-of-custody procedures. Soil samples for VOC analysis were collected using Method 5035 and EnCore samplers. Samples were submitted for analysis based on the potential sources and previously identified constituents. Samples were analyzed for TCL VOCs via USEPA Method 8260C, TCL SVOCs via USEPA Method 8270D, the eight RCRA metals via USEPA Methods 6010C and 7471A, and PCBs via USEPA Method 8082A.

In response to a request from NYSDEC Solid Waste Compliance Unit of Region 3, the three Karta 1011 Site soil samples with the highest SVOC and/or metals concentrations were also analyzed under the Synthetic Precipitation Leaching Procedure (SPLP) to assess potential leaching of metals and base neutral and acid extractables (BNA) constituents from rainfall flowing through the soil.

Soil Sample Results

Data summary tables for both sites are attached, and laboratory reports are in Appendix C.

L&L Salvage Site

Fill material was identified in soil borings LL-SB-1 and LL-SB-2 in the northern site area, and comingled with sand in soil borings LL-SB-3, LL-SB-6, and LL-SB-9. The rest of the site samples consisted of sand underlying a fill material in the upper 6 to 16 inches. The sand generally appeared to be reworked material.

At the L&L Salvage site, lead and PAHs remain on the property at elevated concentrations. Concentrations of PAHs greater than Industrial Use SCOs were reported in the 0-2 foot depth samples in LL-SB-1, LL-SB-2, and LL-SB-6. These borings were situated across the northern end of the site, and PAH detections may potentially extend under the substantial soil piles crossing both the 1005 and 1009

parcels. The deeper sample from LL-SB6 also reported elevated PAHs with one constituent greater than the Industrial Use SCO. Lead in LL-SB-1(0-2) reported an 879 ppm concentration, more than double the Restricted-Residential Use SCO. The PAH and lead impacts around these locations have not been delineated but do not appear to have been successfully mitigated during prior excavation efforts.

One barium reported concentration exceeded the Commercial Use SCO (658 ppm in LL-SB5(6-8)). Barium does not typically trigger a remedial action, but this concentration is not consistent with the other lower concentrations reported across the site and could warrant further investigation and remediation.

Other constituents were reported in the L&L Salvage samples at concentrations greater than their respective Unrestricted Use SCO; however, they generally met the Restricted-Residential Use SCOs.

Karta 1011 Site

Variable thicknesses of fill are found on this site, from a maximum of 10 feet at the north end near 1011-SB-1, thinning to a foot or two in mid-sections near SB-4 and SB-5 and thickening again to as much as 5 and 6 feet near 1011-SB-6 and 1011-SB-7. The varying thickness of the fill suggests the intent of its placement was to create level work areas rather than to develop the site as a solid waste disposal area.

At the Karta 1011 Site, PAHs exceeding Commercial and Industrial SCOs were confirmed in borings 1011-SB-3 and 1011-SB-4 located near prior borings B-29 and B-22, respectively, at the northern end of this property. Nearby boring 1011-SB-1(8-10) reported one PAH at a concentration slightly greater than the Restricted-Residential Use SCO.

Two samples from the southern part of the site reported barium concentrations greater than the Commercial SCOs; 1011-SB-5 and 1011-SB-6 were advanced near prior borings B16 and B14, respectively. Prior site sampling identified similar exceedences farther south and beneath the site building. Barium does not typically trigger a remedial action, but these concentrations are not consistent with the other lower concentrations reported across the site and could warrant further investigation and remediation.

Other constituents were reported in the Karta 1011 Site soil samples at concentrations greater than their respective Unrestricted Use SCOs; however, they met the Restricted-Residential Use SCOs and would not generally warrant remedial measures to meet the planned future site use. Acetone was also detected in samples but is a common laboratory contaminant that is not considered a site contaminant.

SPLP analysis from three worst-case soil samples were run, and in two samples reported lead concentrations (26.8 and 42.7 ppb) greater than the NYSDEC Part 703.5 groundwater quality standard (GWQS) of 25 ppb. BNA SPLP results did not report concentrations greater than the laboratory limit of detections (LODs), nor suggest the presence of constituents at concentrations greater than the method detection limits (MDLs). Although the LODs were greater than GWQSs, the lack of reported estimated concentrations (i.e., J-flagged data) shows that the BNAs were not identified above the MDLs, which are less than GWQSs with two exceptions. The nitrobenzene MDL is 0.68 ppb compared to the GWQS of 0.4 ppb, and the hexachlorobenzene MDL is 0.18 ppb compared to the GWQS of 0.04 ppb.

CONCLUSION AND RECOMMENDATIONS

The findings suggest that both the L&L Salvage and Karta 1011 Sites are impacted and do not meet SCOs for the planned future Restricted-Residential Use of the combined properties.

- On-site soils include fill material, ranging from 1 foot to 10 feet thick and consisted of brick, concrete, wood, rock, asphalt; the L&L Salvage Site's fill material also included coal/ash, and the Karta 1011 Site's fill material also included tile and glass, and exhibited an odor described as burnt or septic-like in some locations. At the L&L Salvage site, PAHs, lead, and barium remain at elevated concentrations.

    - PAHs exceed Restricted-Residential and some Industrial Use SCOs in the 0 to 2 foot soil samples in three locations, with one location reporting exceedences in the deeper sample (8 to 10 feet). The horizontal and vertical extent of impacts of PAHs has not been fully delineated and borings abutted against a significant soil pile extending across both 1005 and 1009 parcels which would need to be removed to allow expanded delineation. The PAH impacts do not appear to have been remediated as part of prior excavation efforts.

    - One boring reported a lead concentration more than double the Restricted-Residential Use SCO. The horizontal and vertical extent of impacts of lead has not been fully delineated. The PAH and lead impacts around this location has not been delineated, and this area does not appear to have been part of prior excavation efforts.

    - While barium does not typically drive remedial efforts, one subsurface sample reported a notably higher concentration than others on the site and could warrant further investigation and remediation.

    - In addition, stockpiled soil on both 1005 and 1009 previously reported PAHs, lead, mercury, and PCBs at concentrations greater than Restricted-Residential SCOs; and mercury results were also greater than the Commercial Use SCOs. Stockpile sampling indicated that the material is not hazardous for metals.

    - Surface soil samples previously collected from a building present on the site at the time, reported significantly elevated lead and mercury concentrations noted to possibly require disposal a hazardous waste. These soils were not encountered during the present study but there is no indication that this soil was removed from the site.

- At the Karta 1011 Site, seven borings were installed for subsurface soil sampling. PAHs and barium remain at elevated concentrations. Since no site remediation has been performed, previously identified impacts are presumed to remain on the site.

    - PAHs exceeding Commercial and Industrial SCOs were confirmed in two borings. One PAH in a third location reported a concentration slightly greater than the Restricted-Residential Use SCO. This is consistent with prior sampling.

- Barium was reported in two samples from the southern part of the site at concentrations greater than the Commercial SCOs. Prior site sampling identified similar exceedences farther south and beneath the site building. These concentrations are not consistent with the other lower concentrations reported across the site and could warrant further investigation and remediation.

- Reported concentrations of PCBs met Restricted-Residential data; however, the prior sampling data identified PCB concentrations exceeding Restricted-Residential SCOs in 12 locations, and Commercial SCOs in three of those locations.

- SPLP results for the three soil samples with highest total SVOC and lead concentrations show two locations reported SPLP lead concentrations greater than the NYSDEC GWQS. Results for these two samples came from worst-case soil sampling locations non-representative of the rest of the site, and the SPLP lead exceedences were low, so net groundwater quality from the area is unlikely to exceed the lead GWQS. BNA results did not report concentrations greater than the laboratory limit of detections.

Based on the above findings, we believe the following recommendations could be a discussed with NYSDEC.

- Soil, fill, and stockpiled soil conditions appear to confirm suitability of the Former L&L Salvage parcels for the BCP.

- Soil and fill material conditions appear to confirm suitability of the Karta 1011 Site for the BCP, if NYSDEC is willing to consider SPLP data suggesting that site-wide groundwater quality is unlikely to exceed GWQS and fill appears to have been used for land leveling rather than disposal purposes, thus excusing this parcel from the Part 360 regulatory program.

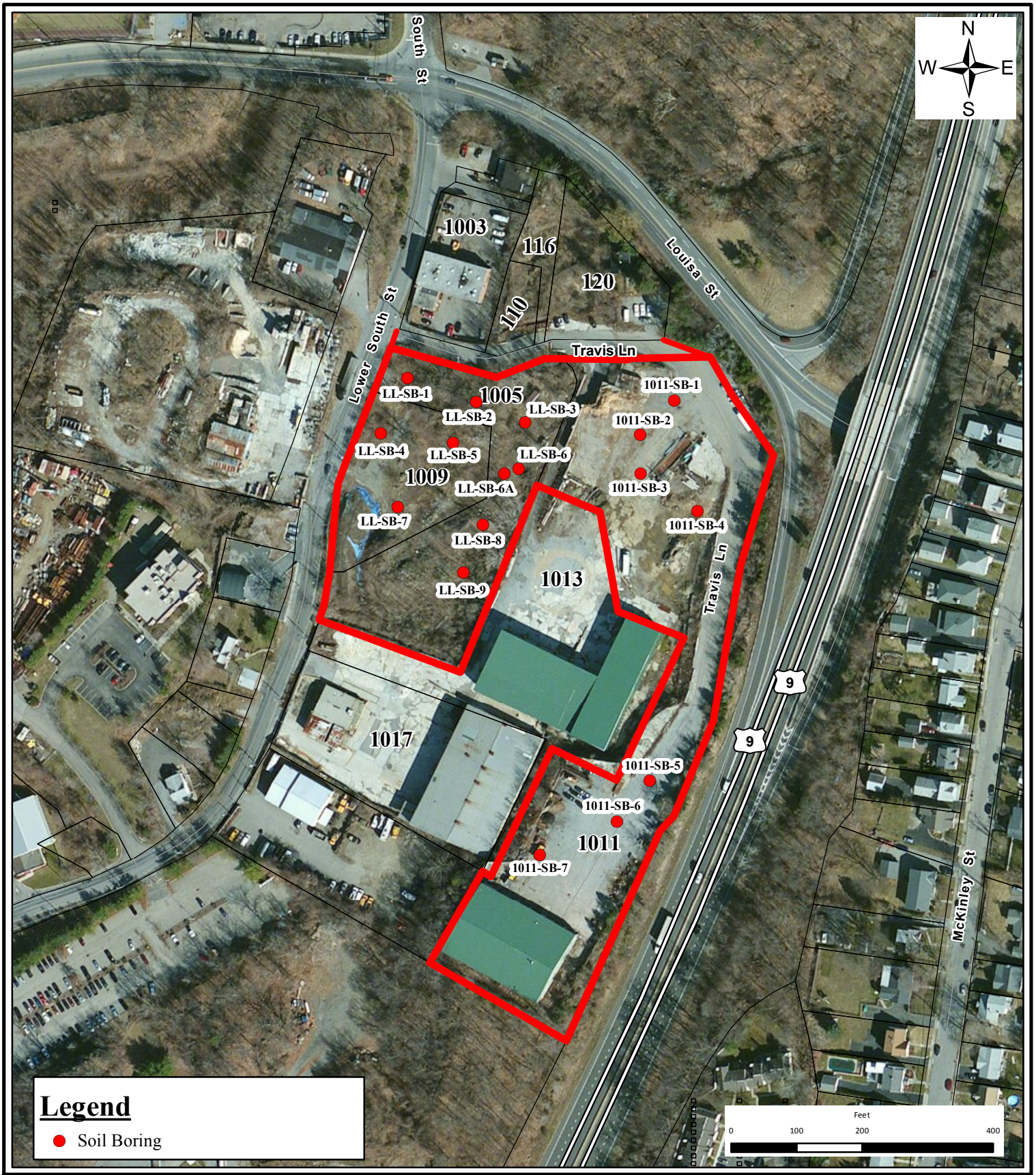
Please feel free to contact me at (518) 266-7328 if you have any questions or concerns.

Sincerely,

Arlette St. Romain
Director, Environmental Services

Attachments:
Figure 1 Soil Boring Location Map
Data Summary Tables
Appendix A: Prior Investigation Results
Appendix B: Boring Logs
Appendix C: Laboratory Reports

FIGURE



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Former L&L Salvage and Former Kart Sites

Figure 1: Soil Boring Location Map
1005, 1009 and 1011 Lower South Street
Lower South Street Redevelopment Area

City of Peekskill, Westchester County, New York

Sources: NYS Department of Transportation 2008 Roads Dataset;
City of Peekskill 2007 Parcels Dataset; i-cubed 2011 orthophoto data imagery

Drawn:	STF
Date:	May 2014
Scale:	1 inch equals 200 feet
Project:	81323.07
Figure:	1

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TABLES
Former L&L Salvage Site

Table 1
Summary of Laboratory Results
Volatile Organic Compounds (VOCs) in Soil Samples
Former L L Salvage Site at
1005 and 1009 Lower South Street, Peekskill, NY

Sample ID	NYSDEC 6 NYCRR Part 375 Soil Cleanup Objectives	LL-SB-1(0-2)	LL-SB-1(4-8)	LL-SB-2(0-2)	LL-SB-2(4-8)	LL-SB-3(0-2)	LL-SB-4(0-2)	LL-SB-4(4-6.8)	LL-SB-5(0-2)	LL-SB-5(6-8)	LL-SB-6(0-2)	LL-SB-6A(8-10)	LL-SB-7(0-2)	LL-SB-8(0-2)	LL-SB-8(4-6)	LL-SB-9(0-2)	LL-SB-9(4-8)
Lab Sample Number		F2341-01	F2341-02	F2341-03	F2341-04	F2341-05	F2341-06	F2341-07	F2341-08	F2341-09	F2341-10	F2341-11	F2341-12	F2341-13	F2341-14	F2341-15	F2341-16
Sampling Date		5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014
ANALYTE	Unrestricted	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1,1,1-Trichloroethane	0.68	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,1,2,2-Tetrachloroethane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,1,2-Trichloroethane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,1,2-Trichlorotrifluoroethane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,1-Dichloroethane	0.27	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,1-Dichloroethene	0.33	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,2,3-Trichlorobenzene	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,2,4-Trichlorobenzene	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,2-Dibromo-3-Chloropropane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,2-Dibromoethane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,2-Dichlorobenzene	1.1	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,2-Dichloroethane	0.02	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,2-Dichloropropane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,3-Dichlorobenzene	2.4	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,4-Dichlorobenzene	1.8	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
1,4-Dioxane	0.1	0.110 U	0.0918 U	0.0885 U	0.0979 U	0.100 U	0.120 U	0.0965 U	0.110 U	0.0951 U	0.0875 U	0.0936 U	0.0972 U	0.0959 U	0.0906 U	0.110 U	0.0915 U
2-Butanone	0.12	0.0268 U	0.0230 U	0.0221 U	0.0245 U	0.0256 U	0.0293 U	0.0241 U	0.0268 U	0.0238 U	0.0219 U	0.0234 U	0.0243 U	0.0240 U	0.0226 U	0.0280 U	0.0229 U
2-Hexanone	NS	0.0268 U	0.0230 U	0.0221 U	0.0245 U	0.0256 U	0.0293 U	0.0241 U	0.0268 U	0.0238 U	0.0219 U	0.0234 U	0.0243 U	0.0240 U	0.0226 U	0.0280 U	0.0229 U
4-Methyl-2-Pentanone	NS	0.0268 U	0.0230 U	0.0221 U	0.0245 U	0.0256 U	0.0293 U	0.0241 U	0.0268 U	0.0238 U	0.0219 U	0.0234 U	0.0243 U	0.0240 U	0.0226 U	0.0280 U	0.0101 J
Acetone	0.05	0.0092 J	0.0230 U	0.0221 U	0.0167 J	0.0256 U	0.0293 U	0.0120 J	0.0268 U	0.0194 J	0.0219 U	0.0234 U	0.0243 U	0.0053 J	0.0226 U	0.0280 U	0.0229 U
Benzene	0.06	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Bromochloromethane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Bromodichloromethane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Bromoform	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Bromomethane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Carbon Disulfide	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Carbon Tetrachloride	0.76	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Chlorobenzene	1.1	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Chloroethane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Chloroform	0.37	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Chloromethane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
cis-1,2-Dichloroethene	0.25	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
cis-1,3-Dichloropropene	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Cyclohexane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Dibromochloromethane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Dichlorodifluoromethane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Ethyl Benzene	1	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Isopropylbenzene	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
m/p-Xylenes	0.26+	0.0107 U	0.0092 U	0.0088 U	0.0098 U	0.0102 U	0.0117 U	0.0097 U	0.0107 U	0.0095 U	0.0087 U	0.0094 U	0.0097 U	0.0096 U	0.0091 U	0.0112 U	0.0091 U
Methyl Acetate	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Methyl tert-butyl Ether	0.93	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Methylcyclohexane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Methylene Chloride	0.05	0.0054 U	0.0046 U	0.0014 J	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0011 J	0.0011 J	0.0045 U	0.0014 J	0.0046 U
o-Xylene	0.26+	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Styrene	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
t-1,3-Dichloropropene	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Tetrachloroethene	1.3	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Toluene	0.7	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
trans-1,2-Dichloroethene	0.19	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Trichloroethene	0.47	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Trichlorofluoromethane	NS	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U
Vinyl Chloride	0.02	0.0054 U	0.0046 U	0.0044 U	0.0049 U	0.0051 U	0.0059 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0047 U	0.0049 U	0.0048 U	0.0045 U	0.0056 U	0.0046 U

NOTES:
All data are reported in milligrams per kilogram (mg/kg) = parts per million (ppm)
Yellow highlighted results indicates detected concentration exceeds the "Unrestricted" soil cleanup objective.
U - The analyte was not detected above the laboratory method detection limit.
J - Indicates the analyte was dectected below the reporting limit but greater than or equal to the method detection limit; therefore, the result is an estimated concentration.
NS - No standard exists for this compound.

Table 2
Summary of Laboratory Results
Semi-Volatile Organic Compounds (SVOCs) in Soil Samples
Former L L Salvage Site at
1005 and 1009 Lower South Street, Peekskill, NY

Sample ID	NYSDEC 6 NYCRR Part 375 Soil Cleanup Objectives					LL-SB-1(0-2)	LL-SB-1(4-8)	LL-SB-2(0-2)	LL-SB-2(4-8)	LL-SB-3(0-2)	LL-SB-4(0-2)	LL-SB-4(4-6.8)	LL-SB-5(0-2)	LL-SB-5(6-8)	LL-SB-6(0-2)	LL-SB-6A(8-10)	LL-SB-7(0-2)	LL-SB-8(0-2)	LL-SB-8(4-6)	LL-SB-9(0-2)	LL-SB-9(4-8)
Lab Sample Number						F2341-01	F2341-02	F2341-03	F2341-04	F2341-05	F2341-06	F2341-07	F2341-08	F2341-09	F2341-10	F2341-11	F2341-12	F2341-13	F2341-14	F2341-15	F2341-16
Sampling Date						5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014
Matrix		Restricted Use				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
ANALYTE	Unrestricted	Residential	Restricted Residential	Commercial	Industrial	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
1,1-Biphenyl	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.120 J	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,2-oxybis(1-Chloropropane)	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,4-Dichlorophenol	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,4-Dimethylphenol	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,4-Dinitrophenol	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2-Chloronaphthalene	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2-Chlorophenol	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2-Methylnaphthalene	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.41	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.51	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2-Methylphenol	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2-Nitroaniline	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2-Nitrophenol	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
3,3-Dichlorobenzidine	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
3+4-Methylphenols	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
3-Nitroaniline	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4,6-Dinitro-2-methylphenol	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4-Bromophenyl-phenylether	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4-Chloro-3-methylphenol	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4-Chloroaniline	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4-Chlorophenyl-phenylether	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4-Nitroaniline	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4-Nitrophenol	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Acenaphthene	20	100	100	500	1,000	0.0880 J	0.350 U	0.85	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.8	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Acenaphthylene	100	100	100	500	1,000	0.98	0.350 U	3.10 JD	1.10 J	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	4.50 JD	0.69	0.350 U	0.360 U	0.0773 J	0.360 U	0.360 U
Acetophenone	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Anthracene	100	100	100	500	1,000	1.1	0.350 U	5.20 JD	3.80 U	0.420 U	0.430 U	0.350 U	0.0758 J	0.350 U	3.60 JD	0.57	0.350 U	0.360 U	0.360 U	0.360 U	0.170 J
Atrazine	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Benzaldehyde	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Benzo(a)anthracene	1	1	1	5.6	11	2.4	0.350 U	13.0 D	3.80 U	0.160 J	0.430 U	0.350 U	0.200 J	0.350 U	12.6 D	1.5	0.350 U	0.130 J	0.140 J	0.360 U	0.64
Benzo(a)pyrene	1	1	1	1	1.1	2	0.350 U	11.0 D	3.80 U	0.140 J	0.430 U	0.350 U	0.220 J	0.350 U	18.7 D	1.3	0.350 U	0.120 J	0.140 J	0.360 U	0.57
Benzo(b)fluoranthene	1	1	1	5.6	11	2	0.350 U	14.8 D	0.800 J	0.180 J	0.430 U	0.350 U	0.280 J	0.350 U	23.3 D	1.5	0.350 U	0.150 J	0.160 J	0.120 J	0.84
Benzo(g,h,i)perylene	100	100	100	500	1,000	1.3	0.350 U	7.60 D	3.80 U	0.110 J	0.430 U	0.350 U	0.170 J	0.350 U	14.1 D	0.78	0.350 U	0.0935 J	0.120 J	0.190 J	0.42
Benzo(k)fluoranthene	0.8	1	3.9	56	110	0.98	0.350 U	4.90 JD	3.80 U	0.420 U	0.430 U	0.350 U	0.0822 J	0.350 U	7.60 D	0.66	0.350 U	0.360 U	0.360 U	0.360 U	0.190 J
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
bis(2-Chloroethyl)ether	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Bis(2-ethylhexyl)phthalate	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.110 J	0.350 U	0.360 U	0.110 J	0.350 U	0.360 U	0.360 U	0.220 J	0.0938 J
Butylbenzylphthalate	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.130 J	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	2	0.360 U
Caprolactam	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Carbazole	NS	NS	NS	NS	NS	0.120 J	0.350 U	0.74	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	1.6	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.0772 J
Chrysene	1	1	3.9	56	110	1.9	0.350 U	12.2 D	3.80 U	0.120 J	0.430 U	0.350 U	0.210 J	0.350 U	10.8 D	1.5	0.350 U	0.110 J	0.130 J	0.360 U	0.61
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	0.280 J	0.350 U	0.93	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.6	0.220 J	0.350 U	0.360 U	0.360 U	0.360 U	0.0815 J
Dibenzofuran	7	14	59	350	1,000	0.370 U	0.350 U	0.45	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	1.3	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Diethylphthalate	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Dimethylphthalate	NS	NS	NS	NS	NS	0.240 J	0.190 J	0.270 J	3.80 U	0.370 J	0.340 J	0.150 J	0.160 J	0.100 J	0.170 J	0.190 J	0.35	0.0906 J	0.0878 J	0.120 J	0.110 J
Di-n-butylphthalate	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.38	0.360 U
Di-n-octyl phthalate	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Fluoranthene	100	100	100	500	1,000	4.20 D	0.350 U	26.2 D	0.790 J	0.240 J	0.430 U	0.350 U	0.330 J	0.350 U	25.1 D	2.5	0.350 U	0.210 J	0.220 J	0.360 U	1.6
Fluorene	30	100	100	500	1,000	0.210 J	0.350 U	1.8	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	2.5	0.120 J	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Hexachlorobenzene	0.33	0.33	1.2	6	12	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Hexachlorobutadiene	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Hexachloroethane	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	0.87	0.350 U	6.30 JD	3.80 U	0.0889 J	0.430 U	0.350 U	0.130 J	0.350 U	11.6 D	0.63	0.350 U	0.360 U	0.0911 J	0.100 J	0.37
Isophorone	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Naphthalene	12	100	100	500	1,000	0.370 U	0.350 U	0.53	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.67	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Nitrobenzene	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
n-Nitroso-di-n-propylamine	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
n-Nitrosodiphenylamine	NS	NS	NS	NS	NS	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Phenanthrene	100	100	100	500	1,000	2.2	0.350 U	21.9 D	3.80 U	0.0889 J	0.430 U	0.350 U	0.250 J	0.350 U	8.90 D	1.4	0.350 U	0.0869 J	0.130 J	0.360 U	1
Phenol	0.33	100	100	500	1,000	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Pyrene	100	100	100	500	1,000	5.00 D	0.350 U	21.8 D	3.80 U	0.200 J	0.430 U	0.350 U	0.350 J	0.350 U	27.3 D	2.7	0.350 U	0.180 J	0.230 J	0.0870 J	1.3

NOTES:
All data are reported in milligrams per kilogram (mg/kg) = parts per million (ppm)

Yellow highlighted results indicates detected concentration exceeds the "Unrestricted" soil cleanup objective. Bold result indicates detected concentration exceeds the "Residential Use" SCO. Bold and italicized result indicates detected concentrations exceeds the "Restricted Residential Use" SCO. Orange highlighted results indicate detected concentrations exceed the "Industrial" SCO.

ND - The analyte was not detected above the laboratory method detection limit.
J - Indicates the analyte was dectected below the reporting limit but greater than or equal to the method detection limit; therefore, the result is an estimated concentration.
NS - No standard exists for this compound.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

Table 3
Summary of Laboratory Results
Polychlorinated Biphenyls (PCBs) in Soil Samples
Former L L Salvage Site at
1005 and 1009 Lower South Street, Peekskill, NY

Sample ID	NYSDEC 6 NYCRR Part 375 Soil Cleanup Objectives		LL-SB-1(0-2)	LL-SB-1(4-8)	LL-SB-2(0-2)	LL-SB-2(4-8)	LL-SB-3(0-2)	LL-SB-4(0-2)	LL-SB-4(4-6.8)	LL-SB-5(0-2)	LL-SB-5(6-8)	LL-SB-6(0-2)	LL-SB-6A(8-10)	LL-SB-7(0-2)	LL-SB-8(0-2)	LL-SB-8(4-6)	LL-SB-9(0-2)	LL-SB-9(4-8)
Lab Sample Number			F2341-01	F2341-02	F2341-03	F2341-04	F2341-05	F2341-06	F2341-07	F2341-08	F2341-09	F2341-10	F2341-11	F2341-12	F2341-13	F2341-14	F2341-15	F2341-16
Sampling Date			5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014
Matrix		Restricted	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
ANALYTE	Unrestricted	**Residential**	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Aroclor-1016	0.1	1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0193 U	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.0184 U	0.0184 U
Aroclor-1221	0.1	1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0193 U	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.0184 U	0.0184 U
Aroclor-1232	0.1	1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0193 U	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.0184 U	0.0184 U
Aroclor-1242	0.1	1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0193 U	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.0184 U	0.0184 U
Aroclor-1248	0.1	1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0193 U	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.0184 U	0.0184 U
Aroclor-1254	0.1	1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0561 P	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.18	0.0184 U
Aroclor-1260	0.1	1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0193 U	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.0184 U	0.0184 U

NOTES:

All data are reported in milligrams per kilogram (mg/kg) = parts per million (ppm)
Yellow highlighted results indicates detected concentration exceeds the "Unrestricted" soil cleanup objective. Bold result indicates detected concentration exceeds the "Residential Use" SCO. Bold and italicized result indicates detected concentrations exceeds the "Restricted-Residential Use" SCO. Orange highlighted results indicate detected concentrations exceed the "Industrial" SCO.

U - The analyte was not detected above the laboratory method detection limit.
NS - No standard exists for this compound.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

Table 4
Summary of Laboratory Results
Metlas in Soil Samples
Former L L Salvage Site at
1005 and 1009 Lower South Street, Peekskill, NY

Sample ID	NYSDEC 6 NYCRR Part 375 Soil Cleanup Objectives					LL-SB-1(0-2)	LL-SB-1(4-8)	LL-SB-2(0-2)	LL-SB-2(4-8)	LL-SB-3(0-2)	LL-SB-4(0-2)	LL-SB-4(4-6.8)	LL-SB-5(0-2)	LL-SB-5(6-8)	LL-SB-6(0-2)	LL-SB-6A(8-10)	LL-SB-7(0-2)	LL-SB-8(0-2)	LL-SB-8(4-6)	LL-SB-9(0-2)	LL-SB-9(4-8)
Lab Sample Number						F2341-01	F2341-02	F2341-03	F2341-04	F2341-05	F2341-06	F2341-07	F2341-08	F2341-09	F2341-10	F2341-11	F2341-12	F2341-13	F2341-14	F2341-15	F2341-16
Sampling Date						5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014
Matrix		Restricted Use				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
ANALYTE	Unrestricted	**Residential**	**Restricted Residential**	***Commercial***	**Industrial**	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	13	16	16	16	16	6.14	1.54	4.61	4.63	4.67	2	1.46	2.57	1.18	4.07	2.41	0.650 J	3.33	1.79	3.17	2.63
Barium	350	350	400	400	10,000	187	270	112	89.6	157	144	**380**	258	***658***	176	281	162	162	204	192	140
Cadmium	2.5	2.5	4.3	9.3	60	0.294	0.270 U	0.280 U	0.151 J	0.281 J	1.22	0.270 U	0.664	0.260 U	1.4	0.280 U	0.260 U	0.270 U	0.280 U	0.382	0.270 U
Chromium	30	36	180	1,500	6,800	21.3	**37**	15.1	20.6	33.1	26.7	36	**41**	**46.3**	35.2	20.9	**39.9**	20.9	19.4	19.1	18.1
Lead	63	400	400	1,000	3,900	***879***	0.649	141	287	118	111	0.686	216	0.460 J	304	63.6	51.4	73.1	13.3	81.5	70.4
Mercury	0.18	0.81	0.81	2.8	5.7	0.207	0.0090 J	0.101	0.103	0.064	0.056	0.0050 J	0.206	0.0060 J	0.183	0.434	0.038	0.076	0.02	0.047	0.041
Selenium	3.9	36	180	1,500	6,800	1.53	1.49	1.26	1.13	1.3	2.46	1.73	1.57	1.46	1.32	1.03	1.17	1.17	0.855 J	1.24	1.05
Silver	2	36	180	1,500	6,800	0.491	0.427 J	0.439 J	0.364 J	0.575	1.08	0.395 J	0.782	0.430 U	0.788	0.228 J	0.309 J	0.344 J	0.460 U	0.339 J	0.202 J

NOTES:
All data are reported in milligrams per kilogram (mg/kg) = parts per million (ppm)
Yellow highlighted results indicates detected concentration exceeds the "Unrestricted" soil cleanup objective. Bold result indicates detected concentration exceeds the "Residential Use" SCO. Bold and italicized result indicates detected concentrations exceeds the "Restricted -Residential Use" SCO. Orange highlighted results indicate detected concentrations exceed the "Industrial" SCO.
ND - The analyte was not detected above the laboratory method detection limit.
J - Indicates the analyte was dectected below the reporting limit but greater than or equal to the method detection limit; therefore, the result is an estimated concentration.
NS - No standard exists for this compound.

TABLES
1011 Site

Table 1
Summary of Laboratory Results
Volatile Organic Compounds (VOCs) in Soil Samples
Former Karta Site at 1011 Lower South Street, Peekskill, NY

Sample ID	NYCRR Part 375 Soil Cleanup		1011-SB-1(8-10)	1011-SB-1(8-10)RE	1011-SB-2(4-8)	1011-SB-2(4-8)RE	1011-SB-3(4-6.5)	1011-SB-4(1.5-3.5)	1011-SB-4(1.5-3.5)RE	1011-SB-5(1.5-3.4)	1011-SB-6(4-6.2)	1011-SB-7(2-4)	1011-SB-DUP
Lab Sample Number			F2336-01	F2336-01RE	F2336-02	F2336-02RE	F2336-03	F2336-06	F2336-06RE	F2336-07	F2336-08	F2336-09	F2336-10
Sampling Date		Restricted Use	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014
ANALYTE	Unrestricted	**Residential**	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
1,1,1-Trichloroethane	0.68	100	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,1,2-Trichloroethane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,1,2-Trichlorotrifluoroethane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,1-Dichloroethane	0.27	19	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,1-Dichloroethene	0.33	100	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2,3-Trichlorobenzene	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2,4-Trichlorobenzene	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2-Dibromoethane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2-Dichlorobenzene	1.1	100	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2-Dichloroethane	0.02	2.3	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2-Dichloropropane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,3-Dichlorobenzene	2.4	17	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,4-Dichlorobenzene	1.8	9.8	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0214	0.0185	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,4-Dioxane	0.1	9.8	0.0990 U	0.100 U	0.100 U	0.110 U	0.110 U	0.130 U	0.110 U	0.110 U	0.0994 U	0.110 U	0.110 U
2-Butanone	0.12	100	0.0222 J	0.0319	0.0150 J	0.0137 J	0.0393	0.0748	0.0941	0.0269 U	0.0802	0.0280 U	0.0275 U
2-Hexanone	NS	NS	0.0247 U	0.0256 U	0.0253 U	0.0274 U	0.0269 U	0.0336 U	0.0284 U	0.0269 U	0.0248 U	0.0280 U	0.0275 U
4-Methyl-2-Pentanone	NS	NS	0.0126 J	0.0115 J	0.0093 J	0.0120 J	0.0083 J	0.0084 J	0.0182 J	0.0052 J	0.0098 J	0.0073 J	0.0275 U
Acetone	0.05	100	0.089	0.15	0.0776	0.0825	0.19	0.29	0.42	0.0302	0.35	0.0128 J	0.0377
Benzene	0.06	2.9	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0016 J	0.0018 J	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Bromochloromethane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Bromodichloromethane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Bromoform	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Bromomethane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Carbon Disulfide	NS	NS	0.0062	0.0124	0.0055	0.0099	0.0071	0.0745	0.0911	0.0054 U	0.0045 J	0.0056 U	0.0055 U
Carbon Tetrachloride	0.76	1.4	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Chlorobenzene	1.1	100	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0029 J	0.0027 J	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Chloroethane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Chloroform	0.37	10	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Chloromethane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
cis-1,2-Dichloroethene	0.25	59	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0020 J	0.0020 J	0.0054 U	0.0050 U	0.0056 U	0.0055 U
cis-1,3-Dichloropropene	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Cyclohexane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Dibromochloromethane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Dichlorodifluoromethane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Ethyl Benzene	1	30	0.0049 U	0.0051 U	0.0081	0.0095	0.0054 U	0.0259	0.0282	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Isopropylbenzene	NS	NS	0.0049 U	0.0051 U	0.0176	0.0247	0.0029 J	0.0255	0.0262	0.0054 U	0.0050 U	0.0056 U	0.0055 U
m/p-Xylenes	0.26+	100+	0.0099 U	0.0102 U	0.0101 U	0.0124	0.0107 U	0.0185	0.0213	0.0107 U	0.0099 U	0.0112 U	0.0110 U
Methyl Acetate	NS	NS	0.0049 U	0.0051 U	0.0028 J	0.0038 J	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Methyl tert-butyl Ether	0.93	62	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Methylcyclohexane	NS	NS	0.0049 U	0.0051 U	0.0052	0.0036 J	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Methylene Chloride	0.05	51	0.0011 J	0.0023 J	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0025 J	0.0054 U	0.0050 U	0.0056 U	0.0055 U
o-Xylene	0.26+	100+	0.0049 U	0.0051 U	0.0027 J	0.0050 J	0.0021 J	0.0274	0.0286	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Styrene	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0074	0.0054 U	0.0050 U	0.0056 U	0.0055 U
t-1,3-Dichloropropene	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Tetrachloroethene	1.3	5.5	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0058 J	0.0056 J	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Toluene	0.7	100	0.0049 U	0.0051 U	0.0010 J	0.0017 J	0.0054 U	0.0114	0.0143	0.0054 U	0.0050 U	0.0056 U	0.0055 U
trans-1,2-Dichloroethene	0.19	100	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Trichloroethene	0.47	10	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0032 J	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Trichlorofluoromethane	NS	NS	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0015 J	0.0036 J	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Vinyl Chloride	0.02	0.21	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U

NOTES:
All data are reported in milligrams per kilogram (mg/kg) = parts per million (ppm)
Yellow highlighted results indicates detected concentration exceeds the "Unrestricted" soil cleanup objective. Bold result indicates detected concentration exceeds the "Residential Use" SCO. Bold and italicized result indicates detected concentrations exceeds the "Restricted-Residential Use" SCO. Orange highlighted results indicate detected concentrations exceed the "Industrial" SCO.
ND - The analyte was not detected above the laboratory method detection limit.
J - Indicates the analyte was dectected below the reporting limit but greater than or equal to the method detection limit; therefore, the result is an estimated concentration.
NS - No standard exists for this compound.

Table 2
Summary of Laboratory Results
Semi-Volatile Organic Compounds (SVOCs) in Soil Samples
Former Karta Site at 1011 Lower South Street, Peekskill, NY

Sample ID	NYSDEC 6 NYCRR Part 375 Soil Cleanup Objectives					1011-SB-1(8-10)	1011-SB-2(4-8)	1011-SB-3(4-6.5)	1011-SB-4(1.5-3.5)	1011-SB-5(1.5-3.4)	1011-SB-6(4-6.2)	1011-SB-7(2-4)	1011-SB-DUP
Lab Sample Number						F2336-01	F2336-02	F2336-03	F2336-06	F2336-07	F2336-08	F2336-09	F2336-10
Sampling Date						5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014
Matrix	Restricted Use					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
ANALYTE	Unrestricted	Residential	Restricted Residential	Commercial	Industrial	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
1,1-Biphenyl	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2,2-oxybis(1-Chloropropane)	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2,4-Dichlorophenol	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2,4-Dimethylphenol	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2,4-Dinitrophenol	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2-Chloronaphthalene	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2-Chlorophenol	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2-Methylnaphthalene	NS	NS	NS	NS	NS	0.760 U	0.62	4.30 U	2.20 J	0.350 U	0.380 U	0.360 U	0.350 U
2-Methylphenol	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2-Nitroaniline	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
2-Nitrophenol	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
3,3-Dichlorobenzidine	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
3+4-Methylphenols	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
3-Nitroaniline	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
4,6-Dinitro-2-methylphenol	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
4-Bromophenyl-phenylether	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
4-Chloro-3-methylphenol	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
4-Chloroaniline	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
4-Chlorophenyl-phenylether	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
4-Nitroaniline	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
4-Nitrophenol	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Acenaphthene	20	100	100	500	1,000	0.760 U	0.250 J	4.30 U	5.9	0.350 U	0.380 U	0.360 U	0.350 U
Acenaphthylene	100	100	100	500	1,000	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Acetophenone	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Anthracene	100	100	100	500	1,000	0.350 J	0.330 J	1.80 J	8.3	0.350 U	0.160 J	0.0973 J	0.350 U
Atrazine	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Benzaldehyde	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Benzo(a)anthracene	1	1	1	5.6	11	0.99	0.49	**3.60 J**	**16.1**	0.350 U	0.51	0.270 J	0.350 U
Benzo(a)pyrene	1	1	1	1	1.1	0.85	0.350 J	**3.30 J**	**12.6**	0.350 U	0.45	0.280 J	0.350 U
Benzo(b)fluoranthene	1	1	1	5.6	11	**1.2**	0.55	**4.4**	**14.9**	0.350 U	0.56	0.330 J	0.350 U
Benzo(g,h,i)perylene	100	100	100	500	1,000	0.610 J	0.210 J	1.80 J	6.7	0.350 U	0.280 J	0.200 J	0.350 U
Benzo(k)fluoranthene	0.8	1	3.9	56	110	0.430 J	0.140 J	1.00 J	**6.5**	0.350 U	0.220 J	0.150 J	0.350 U
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
bis(2-Chloroethyl)ether	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Bis(2-ethylhexyl)phthalate	NS	NS	NS	NS	NS	0.290 J	0.51	1.10 J	9.4	0.350 U	0.380 U	0.170 J	0.350 U
Butylbenzylphthalate	NS	NS	NS	NS	NS	0.760 U	0.51	4.30 U	97.8 D	0.350 U	0.380 U	0.360 U	0.350 U
Caprolactam	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Carbazole	NS	NS	NS	NS	NS	0.760 U	0.180 J	4.30 U	4.6	0.350 U	0.380 U	0.360 U	0.350 U
Chrysene	1	1	3.9	56	110	0.96	0.400 J	**3.10 J**	**12.7**	0.350 U	0.4	0.260 J	0.350 U
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	0.760 U	0.420 U	4.30 U	**1.50 J**	0.350 U	0.380 U	0.360 U	0.350 U
Dibenzofuran	7	14	59	350	1,000	0.760 U	0.210 J	4.30 U	3.80 J	0.350 U	0.380 U	0.360 U	0.350 U
Diethylphthalate	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Dimethylphthalate	NS	NS	NS	NS	NS	0.690 J	0.52	0.960 J	4.10 U	0.74	0.62	0.64	0.54
Di-n-butylphthalate	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Di-n-octyl phthalate	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	2.60 J	0.350 U	0.380 U	0.360 U	0.350 U
Fluoranthene	100	100	100	500	1,000	2.1	1.3	8.7	32.4	0.350 U	1	0.57	0.350 U
Fluorene	30	100	100	500	1,000	0.170 J	0.350 J	1.30 J	6.7	0.350 U	0.380 U	0.360 U	0.350 U
Hexachlorobenzene	0.33	0.33	1.2	6	12	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Hexachlorobutadiene	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Hexachloroethane	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	0.760 U	0.190 J	**1.30 J**	**5.2**	0.350 U	0.210 J	0.360 U	0.350 U
Isophorone	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Naphthalene	12	100	100	500	1,000	0.760 U	0.260 J	4.30 U	2.80 J	0.350 U	0.380 U	0.360 U	0.350 U
Nitrobenzene	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
n-Nitroso-di-n-propylamine	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
n-Nitrosodiphenylamine	NS	NS	NS	NS	NS	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Phenanthrene	100	100	100	500	1,000	1.3	1.4	5.7	24.9	0.350 U	0.59	0.280 J	0.350 U
Phenol	0.33	100	100	500	1,000	0.760 U	0.420 U	4.30 U	4.10 U	0.350 U	0.380 U	0.360 U	0.350 U
Pyrene	100	100	100	500	1,000	1.7	0.96	6.6	27.2	0.350 U	0.8	0.45	0.350 U

NOTES:
All data are reported in milligrams per kilogram (mg/kg) = parts per million (ppm)

Yellow highlighted results indicates detected concentration exceeds the "Unrestricted" soil cleanup objective. Bold result indicates detected concentration exceeds the "Residential Use" SCO. Bold and italicized result indicates detected concentrations exceeds the "Restricted-Residential Use" SCO. Orange highlighted results indicate detected concentrations exceed the "Industrial" SCO.

ND - The analyte was not detected above the laboratory method detection limit.
J - Indicates the analyte was dectected below the reporting limit but greater than or equal to the method detection limit; therefore, the result is an estimated concentration.
NS - No standard exists for this compound.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

Table 3
Summary of Laboratory Results
Polychlorinated Biphenyls (PCBs) in Soil Samples
Former Karta Site at 1011 Lower South Street, Peekskill, NY

Sample ID	**NYSDEC 6 NYCRR Part 375 Soil**		1011-SB-1(8-10)	1011-SB-2(4-8)	1011-SB-3(4-6.5)	1011-SB-4(1.5-3.5)	1011-SB-5(1.5-3.4)	1011-SB-6(4-6.2)	1011-SB-7(2-4)	1011-SB-DUP
Lab Sample Number			F2336-01	F2336-02	F2336-03	F2336-06	F2336-07	F2336-08	F2336-09	F2336-10
Sampling Date	Unrestricted	Restricted Use	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014
Matrix		**Restricted-Residential**	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
ANALYTE			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Aroclor-1016	0.1	1	0.0197 U	0.0219 U	0.0223 U	0.0210 U	0.0179 U	0.0193 U	0.0186 U	0.0179 U
Aroclor-1221	0.1	1	0.0197 U	0.0219 U	0.0223 U	0.0210 U	0.0179 U	0.0193 U	0.0186 U	0.0179 U
Aroclor-1232	0.1	1	0.0197 U	0.0219 U	0.0223 U	0.0210 U	0.0179 U	0.0193 U	0.0186 U	0.0179 U
Aroclor-1242	0.1	1	0.0746	0.15	0.18	0.4	0.0179 U	0.0193 U	0.0382 P	0.0179 U
Aroclor-1248	0.1	1	0.0197 U	0.0219 U	0.0223 U	0.0210 U	0.0179 U	0.0193 U	0.0186 U	0.0179 U
Aroclor-1254	0.1	1	0.0770 P	0.0991 P	0.150 P	0.380 P	0.0179 U	0.0193 U	0.0428	0.0179 U
Aroclor-1260	0.1	1	0.0197 U	0.0219 U	0.0223 U	0.0210 U	0.0179 U	0.0193 U	0.0186 U	0.0179 U

NOTES:

All data are reported in milligrams per kilogram (mg/kg) = parts per million (ppm)
Yellow highlighted results indicates detected concentration exceeds the "Unrestricted" soil cleanup objective. Bold result indicates detected concentration exceeds the "Residential Use" SCO. Bold and italicized result indicates detected concentrations exceeds the "Restricted-Residential Use" SCO. Orange highlighted results indicate detected concentrations exceed the "Industrial" SCO.

U - The analyte was not detected above the laboratory method detection limit.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

Table 4
Summary of Laboratory Results
Metals in Soil Samples
Former Karta Site at 1011 Lower South Street, Peekskill, NY

Sample ID	NYSDEC 6 NYCRR Part 375 Soil Cleanup Objectives					1011-SB-1(8-10)	1011-SB-2(4-8)	1011-SB-3(4-6.5)	1011-SB-4(1.5-3.5)	1011-SB-DUP	1011-SB-5(1.5-3.4)	1011-SB-6(4-6.2)	1011-SB-7(2-4)
Lab Sample Number	Unrestricted	Restricted Use				F2336-01	F2336-02	F2336-03	F2336-06	F2336-10	F2336-07	F2336-08	F2336-09
Sampling Date						5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014
Matrix						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
ANALYTE		**Residential**	**Restricted Residential**	***Commercial***	**Industrial**	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	13	16	16	16	16	4.85	9.23	8.96	6.71	1.59	1.72	2.89	2.85
Barium	350	350	400	400	10,000	206	91.7	267	229	***680***	***574***	***529***	346
Cadmium	2.5	2.5	4.3	9.3	60	0.286 U	0.328 U	0.423	2.47	0.270 U	0.262 U	0.278 U	0.283 U
Chromium	30	36	180	1,500	6,800	27.7	30.7	31.4	21.7	**38.8**	**36.6**	33.4	22.9
Lead	63	400	400	1,000	3,900	96.9	44	170	261	1.58	2.53	33.9	22.7
Mercury	0.18	0.81	0.81	2.8	5.7	0.101	0.083	0.068	0.272	0.015	0.017	0.083	0.026
Selenium	3.9	36	180	1,500	6,800	1.25	1.09 U	1.2	1.39	1.65	1.32	1.46	0.7 J
Silver	2	36	180	1,500	6,800	0.52	0.255 J	0.367 J	0.432 J	0.234 J	0.436 U	0.460 U	0.472 U

NOTES:
All data are reported in milligrams per kilogram (mg/kg) = parts per million (ppm)

Yellow highlighted results indicates detected concentration exceeds the "Unrestricted" soil cleanup objective. Bold result indicates detected concentration exceeds the "Residential Use" SCO. Bold and italicized result indicates detected concentrations exceeds the "RestrictedResidential Use" SCO. Orange highlighted results indicate detected concentrations exceed the "Industrial" SCO.

U - The analyte was not detected above the laboratory method detection limit.
J - Indicates the analyte was dectected below the reporting limit but greater than or equal to the method detection limit; therefore, the result is an estimated concentration.
NS - No standard exists for this compound.

Table 7
Summary of Laboratory Results
SPLP Metals Results
Former Karta Site at 1011 Lower South Street, Peekskill, NY

Sample ID	**6 NYCRR Part 703.5**	1011-SB-1(8-10)	1011-SB-3(4-6.5)	1011-SB-4(1.5-3.5)
Lab Sample Number		F2336-11	F2336-13	F2336-14
Sampling Date		5/14/2014	5/14/2014	5/14/2014
Matrix		WATER	WATER	WATER
ANALYTE		ug/L	ug/L	ug/L
Arsenic	25	10.4	7.83 J	10.0 U
Barium	1,000	70.8	307	437
Cadmium	5	3.00 U	3.00 U	3.00 U
Chromium	50	4.35 J	4.87 J	6.81
Lead	25	4.26 J	26.8	42.7
Mercury	0.7	0.200 U	0.200 U	0.214
Selenium	10	10.0 U	10.0 U	10.0 U
Silver	50	5.00 U	5.00 U	5.00 U

NOTES:
All data are reported in micrograms per liter (ug/L) = parts per billion (ppb)
NS indicates that there is no listed standard for that analyte
U indicates compound not detected above laboratory method reporting limit
J indicates estimated value, compound detected below laboratory method reporting limit
Shaded cells indicate values that are greater than the standard.
ND indicates a non-detectable concentration

Table 5
Summary of Laboratory Results
SPLP BNA Sample Results
Former Karta Site at 1011 Lower South Street, Peekskill, NY

Sample ID		1011-SB-1(8-10)	1011-SB-3(4-6.5)	1011-SB-4(1.5-3.5)
Lab Sample Number		F2336-11	F2336-13	F2336-14
Sampling Date	6 NYCRR Part 703.5	5/14/2014	5/14/2014	5/14/2014
Matrix		Water	Water	Water
ANALYTE		ug/L	ug/L	ug/L
1,4 Dichlorobenzene	3	10.0 U	10.0 U	10.0 U
2,4,5-Trichlorophenol	NS	10.0 U	10.0 U	10.0 U
2,4,6-Trichlorophenol	NS	10.0 U	10.0 U	10.0 U
2,4-Dinitrotoluene	5*	*10.0 U*	*10.0 U*	*10.0 U*
2-Methylphenol	NS	10.0 U	10.0 U	10.0 U
3+4-Methylphenols	NS	10.0 U	10.0 U	10.0 U
Hexachlorobenzene	0.04	*10.0 U*	*10.0 U*	*10.0 U*
Hexachlorobutadiene	0.5	*10.0 U*	*10.0 U*	*10.0 U*
Hexachloroethane	5*	*10.0 U*	*10.0 U*	*10.0 U*
Nitrobenzene	0.4	*10.0 U*	*10.0 U*	*10.0 U*
Pentachlorophenol	1+	*10.0 U*	*10.0 U*	*10.0 U*
Pyridine	NS	10.0 U	10.0 U	10.0 U

NOTES:

All data are reported in micrograms per liter (ug/L) = parts per billion (ppb)

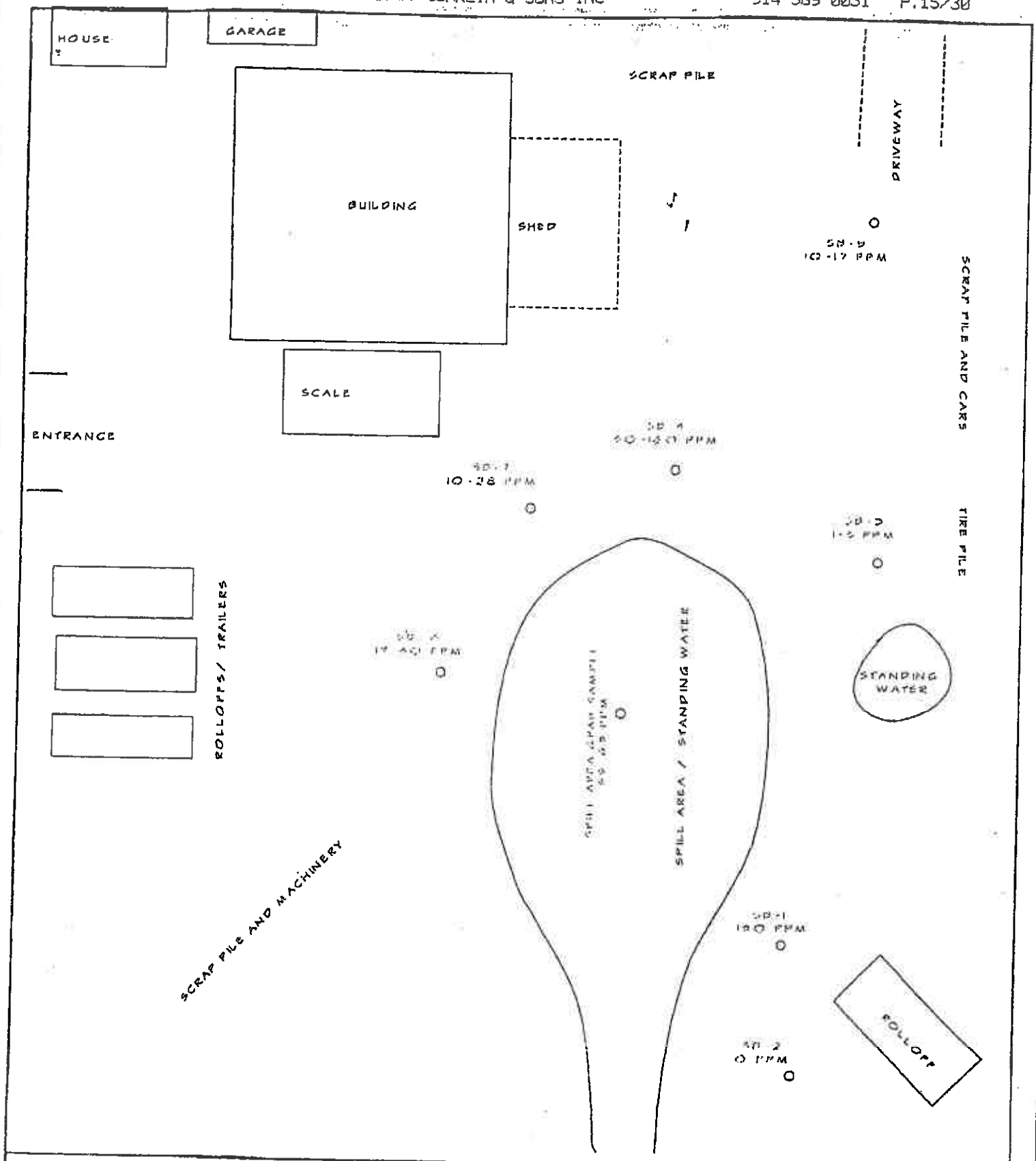
NS indicates that there is no listed standard for that analyte

U indicates compound not detected above laboratory method reporting limit

Shaded cells indicate values that are greater than the standard.

* indicates a guidance value.

APPENDIX A
PRIOR INVESTIGATION RESULTS



SITE MAP

DATE	SCALE	DRAWN BY
12/19/00	NTS	JMP

Ira D. Conklin & Sons, Inc.
92-94 STEWART AVENUE, NEWBURGH, NEW YORK
PHONE: (914) 561-1512 FAX: (914) 561-1798
E-MAIL: WWW.IRACONKLIN.COM

FIGURE 2

L & L SCRAP - SUBSURFACE INVESTIGATION
PEEKSKILL, NEW YORK
WORK ORDER # E-0000295
NYSDEC SPILL NO. 00-10387
NYSDEC POC

Table 1
Summary of Laboratory Results
Volatile Organic Compounds (VOCs) in Soil Samples
2000 Site Investigation of Former L L Salvage Site at
1005 and 1009 Lower South Street, Peekskill, NY

Sample Location	6 NYCRR Part 375 Soil Cleanup Objectives				Spill Area	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7
Sample Date	Unrestricted Use	**Residential**	**Restricted-Residential**	***Commercial***	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ANALTYE												
1,1,1-Trichloroethane	0.68	100	100	500	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.27	19	26	240	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.33	100	100	500	nd	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	3.6	47	52	190	**140**	1.3	nd	nd	6.4	0.17	1.8	0.068
1,2-Dichlorobenzene	1.1	100	100	500	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane	0.02	2.3	3.1	30	nd	nd	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	8	47	52	190	**67**	0.99	nd	nd	2.4	0.047	0.82	0.062
1,3-Dichlorobenzene	2.4	17	49	280	nd	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	1.8	9.8	13	130	nd	nd	nd	nd	nd	nd	nd	nd
1,4-Dioxane	0.1	9.8	13	130	nd	nd	nd	nd	nd	nd	nd	nd
Acetone	0.05	100	100	500	nd	nd	nd	nd	nd	nd	nd	nd
Benzene	0.06	2.9	4.8	44	2.3	1.0	nd	nd	0.045	nd	0.028	nd
Carbon Tetrachloride	0.76	1.4	2.4	22	nd	nd	nd	nd	nd	nd	nd	nd
Chlorobenzene	1.1	100	100	500	nd	nd	nd	nd	nd	nd	nd	nd
Chloroform	0.37	10	49	350	nd	nd	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.25	59	100	500	nd	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	1	30	41	390	**53**	0.16	nd	nd	1.6	0.013	0.33	nd
Hexachlorobenzene	0.33	1.2	6	12	nd	nd	nd	nd	nd	nd	nd	nd
m/p-Xylenes	0.26+	100+	100+	500+	**180**	5.2	nd	nd	8.2	0.066	0.75	0.019
Methyl ethyl ketone (2-butanone)	0	100	100	500	nd	nd	nd	nd	nd	nd	nd	nd
Methyl tert-butyl Ether	0.93	62	100	500	2.9	1.3	nd	nd	0.041	nd	0.024	nd
Methylene Chloride	0.05	51	100	500	nd	nd	nd	nd	nd	nd	nd	nd
n-Butylbenzene	12	100	100	500	23	0.11	nd	nd	0.5	0.013	0.15	0.011
n-Propylbenzene	3.9	100	100	500	26	nd	nd	nd	0.78	0.018	0.15	nd
Naphthalene	12	100	100	500	35	0.22	nd	nd	3.7	0.035	0.35	0.018
o-Xylenes	0.26+	100+	100+	500+	**110**	3.8	nd	nd	5.0	0.041	0.74	0.043
sec-Butylbenzene	11	100	100	500	4.5	nd	nd	nd	0.082	nd	nd	0.023
tert-Butylbenzene	6	100	100	500	16	0.14	nd	nd	0.72	0.019	0.21	0.008
Tetrachloroethene	1.3	5.5	19	150	nd	nd	nd	nd	0.014	nd	nd	nd
Toluene	0.7	100	100	500	86	4	nd	nd	3.4	0.008	0.092	nd
Trichloroethene	0.47	10	21	200	nd	nd	nd	nd	nd	nd	nd	nd
Vinyl Chloride	0.02	0.21	0.9	13	nd	nd	nd	nd	nd	nd	nd	nd

NOTES:
All data are reported in milligrams per kilogram (mg/kg) = parts per million (ppm)
Yellow highlighted results indicates detected concentration exceeds the "Unrestricted" soil cleanup objective. Bold result indicates detected
ND - The analyte was not detected above the laboratory method detection limit.
J - Indicates the analyte was dectected below the reporting limit but greater than or equal to the method detection limit; therefore, the result is an estimated concentration.
NS - No standard exists for this compound.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

Table 2
Summary of Laboratory Results
Semi-Volatile Organic Compounds (SVOCs), Metals, and PCBs in Soil Samples
2000 Site Investigation of Former L L Salvage Site at
1005 and 1009 Lower South Street, Peekskill, NY

Sample Location	6 NYCRR Part 375 Soil Cleanup Objectives					Spill Area	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7
Sample Date	Unrestricted Use	**Residential**	**Restricted-Residential**	***Commercial***	**Industrial**	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SVOCs													
Acenaphthene	20	100	100	500	1,000	nd	nd	0.67	nd	nd	nd	nd	nd
Acenaphthylene	100	100	100	500	1,000	nd	nd	nd	nd	nd	nd	nd	nd
Anthracene	100	100	100	500	1,000	nd	nd	1.3	nd	nd	nd	3.7	nd
Benzo(a)anthracene	1	1	1	5.6	11	nd	nd	**3.5**	nd	nd	nd	***9.4***	nd
Benzo(a)pyrene	1	1	1	1	1.1	nd	nd	**2.7**	nd	nd	nd	**5**	nd
Benzo(b)fluoranthene	1	1	1	5.6	11	nd	nd	**2.4**	nd	nd	nd	**3.7**	nd
Benzo(g,h,i)perylene	100	100	100	500	1,000	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(k)fluoranthene	0.8	1	3.9	56	110	nd	nd	**3.7**	nd	nd	nd	**4.7**	nd
Chrysene	1	1	3.9	56	110	nd	nd	**2.8**	nd	nd	nd	**9.3**	nd
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	nd	nd	nd	nd	nd	nd	nd	nd
Dibenzofuran	7	14	59	350	1,000	nd	nd	0.38	nd	nd	nd	nd	nd
Fluoranthene	100	100	100	500	1,000	2.2	nd	3.5	nd	3.4	nd	7.8	nd
Fluorene	30	100	100	500	1,000	nd	nd	0.91	0.36	nd	nd	nd	nd
Hexachlorobenzene	0.33	0.33	1.2	6	12	nd	nd	nd	nd	nd	nd	nd	nd
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	nd	nd	nd	nd	nd	nd	nd	nd
Pentachlorophenol	0.8	2.4	6.7	6.7	55	nd	nd	nd	nd	nd	nd	nd	nd
Phenanthrene	100	100	100	500	1,000	2.5	nd	3	nd	4.5	nd	**180**	nd
Phenol	0.33	100	100	500	1,000	nd	nd	nd	nd	nd	nd	nd	nd
Pyrene	100	100	100	500	1,000	3.3	nd	2.6	nd	3.3	nd	5.3	nd
Metals													
Arsenic	13	16	16	16	16	nd	nd	5.38	nd	nd	2.68	nd	3.2
Barium	350	350	400	400	10,000	184	265	***430***	350	298	277	156	262
Cadmium	2.5	2.5	4.3	9.3	60	**8.91**	***13.6***	**1.2**	0.91	***10.3***	nd	***14.3***	nd
Chromium	30	36	180	1,500	6,800	**46.6**	**61.3**	23.4	21.2	**124.0**	19.8	**49.0**	15.6
Lead	63	400	400	1,000	3,900	***1360***	**837**	364	29.8	**578**	46.4	**559**	28.7
Selenium	3.9	36	180	1,500	6,800	nd	nd	1.65	1.72	nd	1.82	nd	2.39
Silver	2	36	180	1,500	6,800	4.120	4.43	nd	nd	1.77	nd	nd	nd
Mercury	0.18	0.81	0.81	2.8	5.7	0.415	**1.086**	nd	nd	0	nd	0.709	nd
PCBs													
Aroclor-1260	0.1	1	1	1	25	***1.6***	***1.1***	0.67	0.08	***3.7***	nd	***3.2***	0.06

NOTES:
All data are reported in milligrams per kilogram (mg/kg) = parts per million (ppm)
Yellow highlighted results indicates detected concentration exceeds the "Unrestricted" soil cleanup objective. Bold result indicates detected concentration exceeds the
ND - The analyte was not detected above the laboratory method detection limit.
J - Indicates the analyte was dectected below the reporting limit but greater than or equal to the method detection limit; therefore, the result is an estimated concentration.
NS - No standard exists for this compound.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

NATIONAL
ENVIRONMENTAL
SPECIALISTS INC.

Dr. John O'Mara, P.E.
Environmental Engineer 2
21 South Putt Corner Road
New Paltz, New York

January 10, 2003

Re: Subsurface Investigation/ Proposed Remedial Action Plan
L&L Scrap Metal
1005-1009 Lower South Street
Peekskill, New York
NYSDEC Spill# 0010387

Dr. O'Mara:

The purpose of this letter is to summarize the subsurface investigation conducted by National Environmental Specialists, Inc. (NES), as well as propose a remedial action plan to address contaminants found during said investigation.

The above listed property currently operates as a metals transfer station. Recyclable metals are bought and sold at the facility. The facility is currently receiving copper, steel, aluminum, brass, and other precious or reclaimable metals.

Historically, the facility received automobiles and trucks for scrap metal. Said commodities were processed on site and exported in the processed form. The facility operated in this capacity for more than fifty years. Historic automobile processing practices allowed liquids to drain from the automobiles directly into the environment. Said practices were standard for the industry and historically acceptable. NES attributes the majority of the contamination, encountered during the investigation, to these historic practices.

Contaminants found during the subsurface investigation, that exceed New York State Department of Environmental Conservation (NYSDEC) Guidance Values according to TAGM #4046 include; lead, volatile organic compounds (VOCs) indigenous to petroleum products, and semi-volatile organic compounds (SVOCs) indigenous to

petroleum products. Some RCRA Metals were found to exceed TAGM #4046, however, metal concentrations throughout the site appeared to be similar, therefore, assumed baseline for the area soils. PCBs were not found in concentrations that exceeded NYSDEC Guidance Values according to TAGM #4046. ✓

NES was contracted by Locapara Realty Corp. (LRC) to conduct a subsurface site investigation to determine the extent of soil and groundwater impacts, sustained by the environment, from historical operations at the above listed site. NES advanced twenty-two borings to refusal in suspect areas throughout the property. Bedrock and large subsurface anomalies (blasted rock) ranged from one foot below grade to nine feet below grade. NES utilized a two-inch, hydraulic, direct push, macro core sampler to collect continuous soil samples from each boring. Samples were collected in four-foot intervals and studied for soil color, texture, structure, odors, and evidence of chemical impacts not indigenous to the region. NES also collected Photo Ionization Detector (PID) readings from each four-foot interval, of every boring advance on site. PID readings of soils collected during the subsurface investigation ranged from non-detectable to 275ppm of VOCs evolving from the soils. See attached boring logs for a detailed summary of the observations made during the subsurface investigation.

Soil samples were collected from each boring to determine the concentrations of target analytes in the soil at the above listed site. Soil samples from each of the 22 borings were composited into eight soil samples. Composite soil samples were based on site location. Soil samples were analyzed for VOCs, SVOCs, RCRA Metals, TCLP Lead, and PCB. Soil samples were collected into laboratory clean glassware, maintained at four degrees Celsius, and delivered to York Analytical Laboratories in Stamford, CT for analysis. As stated above, said soil samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, Total RCRA Metals, and Lead following a TCLP extraction.

Impacted soils were found on the southern portion of the property. Impacted soils were found in the upper soils horizons. Contaminates were predominately petrol-chemical in nature and in the semi-volatile range. The petroleum-impacted soils can be attributed to historic automobile processing. The majority of impacted soils were observed in SB-11, SB-13, and SB-14. Topography and subsurface conditions conducted the liquid petroleum impacts to the southeastern portion of the property. This portion of the property is the lowest portion of the site. Test excavations in the southeastern corner show impacted material form grade to approximately eight feet below grade. Below eight feet, NES encountered historic backfill material, which does not appear to be impacted with petrol-chemicals.

The southern portion of the property was never utilized for automobile processing, impacted materials in the southern portion of the property were limited to machine traffic easements. Currently the southern portion of the property is utilized to store consolidated aluminum and steel. SB-21 and SB-22 are boring advanced in machinery easements.

The eastern portion of the property harbors residential homes and soils are limited by shallow bedrock depths. Impacts on the eastern portion of the property are minimal to non-existent.

Concentrations of lead were found in the hazardous range in boring SB-15 and also found in a composite floor sample collected in the copper processing room. Soil depths in both locations are limited by bedrock. Lead contamination can be attributed to historic battery storage, and wire processing.

NES proposes the following remedial action to address impacted materials found on site. Petrol-chemically impacted soils found in the upper soil horizons will be stripped off and stockpiled. Once stockpiled, impacted soils will be screened to remove, metals, wood, plastic, and boulders larger than four inches in diameter. The rock screened out of the impacted material will be used as backfill. Metals removed from the impacted material will be recycled. Wood waste screened from the material will be properly disposed of at Westchester Resco Company, located in Peekskill, New York. Plastics screened from the impacted material will be land filled. Impacted materials recovered after the screening process will be manifested, trucked, and properly disposed of at a licensed facility. Lead contaminated material will be striped of the bedrock, manifested, trucked, and properly disposed of at a licensed hazardous waste facility.

Following the remedial action, NES will collect random grab samples (not statistically significant) from formally impacted areas. Soil samples will be composited into a series of area samples. Area sizes will be determined after the remedial action is complete, thereby, ensuring proper representation. Sampling will not commence until a detailed area grid is submitted and approved by the department. Soil samples collected will be analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, Total RCRA Metals, and Lead following a TCLP extraction. Due to the presence of historical backfill material, solid petrol-chemicals, such as coal and pitch may be present in "clean material", thereby creating a spike in the semi-volatile concentrations. These potential spikes in semi-volatile target analytes will be discounted with a ground water sample. If the ground water sample shows non-detectable concentrations of target SVOCs, then the leach ability of solid petrol-chemicals remaining on site would be minimal or non-existent.

If you have any questions or comments regarding this letter, please contact Scott Taylor at (914)-741-5472.

Sincerely,

Scott Taylor
Environmental Scientist
National Environmental Specialists Inc.

CC: Locapara Realty Corp.

L&L

845-255-3042

L&L?

Ecosystems Strategies, Inc. *Environmental Services and Solutions*
24 Davis Avenue, Poughkeepsie, New York 12603-2332 TEL: 845-452-1658 • FAX: 845-485-7083
• mail@ecosystemsstrategies.com

July 6, 2005

Joyle
Rec'd 1/26/06

Christopher Lynch
Ginsburg Development Corporation
245 Saw Mill River Road
Hawthorne, NY 10532

via EMAIL: clynch@ginsburg.nu

Re: 1009 Lower South Street, City of Peekskill, Westchester County, New York
ESI File: GP04197A.21

Dear Mr. Lynch:

This letter constitutes an interim summary of environmental conditions on the above-referenced property as defined by the investigative services completed by Ecosystems Strategies, Inc. (ESI) in June 2005. A complete report will be forthcoming.

Environmental conditions are as follows:

1. Stockpile of Petroleum-Contaminated Soil

The stockpile soil has been tested for disposal purposes. Waste characterization test results indicate that the soil pile can be disposed of as non-hazardous contaminated soil. However, there are elevated concentrations of PCBs I every sample analyzed from the stockpile; therefore, soil disposal charges are anticipated to be in the range of $60- $75 per ton. Current estimate of the pile is 4,500 tons ($270,000 - $337,500).

2. Integrity of Remaining soils from Excavation Area

The area where the stockpile was excavated was inspected by ESI personnel and additional test pits were extended for the purpose of determining whether or not additional contaminated soil was present in this portion of the site. Test results from soil samples collected at these test pits indicate that no additional petroleum-contaminated soils are present in this portion of the site.

3. Stockpile of Scraped Surface Soils

A small pile of soils generated, according to the site owner, by scraping surface soils for use as cover soils is present in the northern portion of the Site. This pile is estimated at between 150 and 250 cubic yards. Soil tests of this pile indicate that elevated concentrations of metals and PCBs are present, making these soils unacceptable for surface cover in the opinion of ESI. Removal of these soils or on-site reuse as subgrade fill is recommended; on-site reuse should only be completed after review of these data with the NYSDEC.

4. Soil Samples Throughout the Site

Approximately ten test pits were extended throughout the site to document the presence or absence of buried material (e.g., regulated solid waste, ash, etc.) and to document concentrations of organic and inorganic contaminants. Soil samples support the conclusion that elevated metals are present throughout the site, with lead and mercury consistently being present at concentrations exceeding NYSDEC guidance values. Low levels of PAHs and PCBs were also present in some of these soils samples. The on-site soils are not considered by ESI to be acceptable as surface soils but do not represent a concern if left undisturbed. Additional soils or the paving of this site will eliminate exposure concerns.

5. Surface Soil Samples inside Building

Three surface soil samples were collected inside the southern work shed to document the presence or absence of elevated metals in surface soils. Significantly elevated concentrations of lead and mercury were identified in two of the three samples; surface soils inside of this structure may require disposal as a regulated hazardous waste if disturbed.

Please give me a call at 845-452-1658, should you have any questions.

Sincerely,

ECOSYSTEMS STRATEGIES, INC.

Paul H. Ciminello
President

PHC:cpr

cc: File

ENVIRONMENTAL SITE INVESTIGATION (SI)
CITY OF PEEKSKILL
PARCEL 5 AND 6 LOWER SOUTH STREET, CITY OF PEEKSKILL, WESTCHESTER COUNTY, NEW YORK

PREPARED FOR:

CITY OF PEEKSKILL
840 MAIN STREET
PEEKSKILL, NY 10566

PREPARED BY:

TECTONIC ENGINEERING & SURVEYING CONSULTANTS P.C.
70 PLEASANT HILL ROAD
MOUNTAINVILLE, NEW YORK 10953

October 25, 2011

STATE OF NEW YORK
PETER THEODORE SUTHERLAND
No. 075840
LICENSED PROFESSIONAL ENGINEER

PETER T. SUTHERLAND, P.E. NO. 075840

TECTONIC

Practical Solutions, Exceptional Service

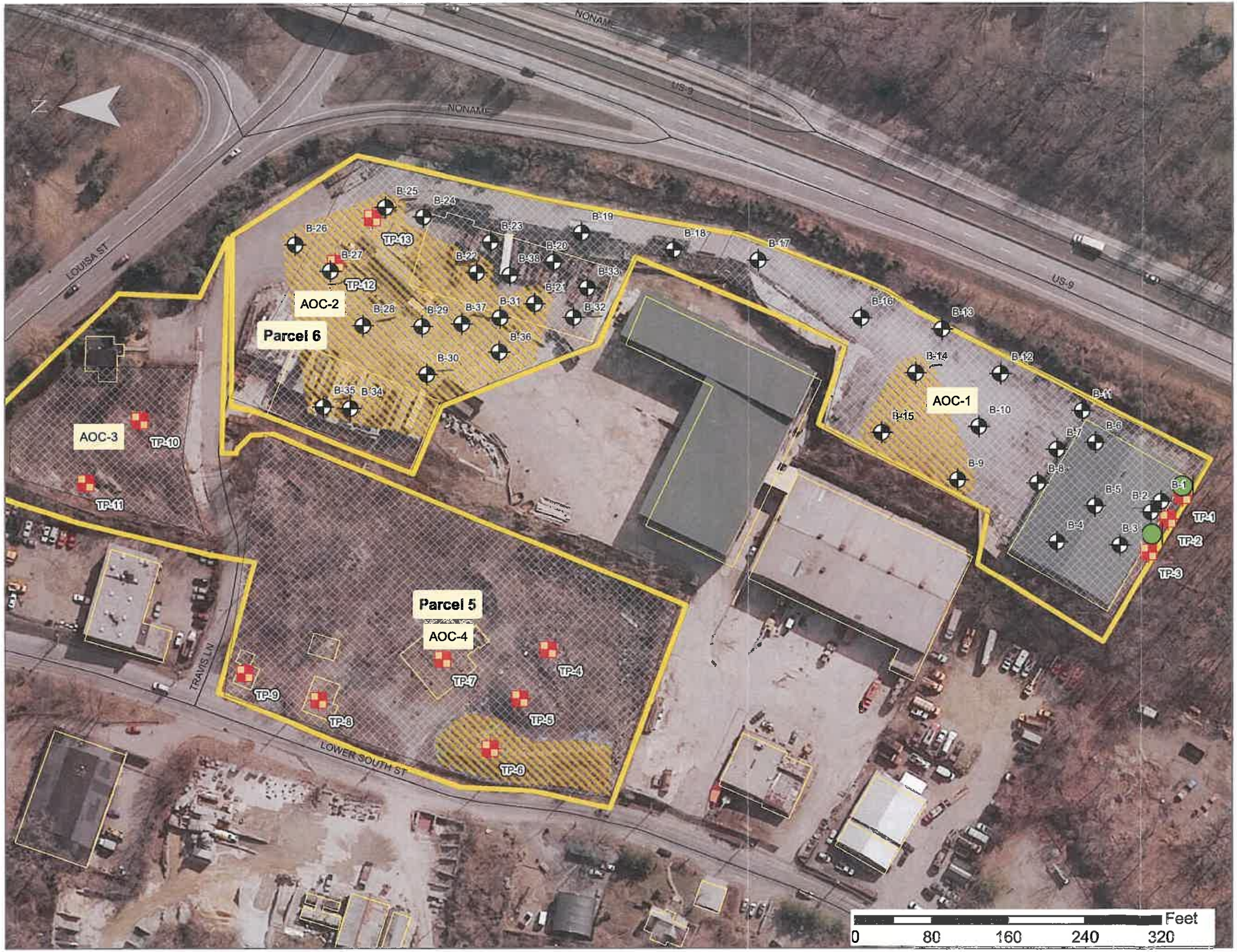


Figure #5
AREA OF CONCERN LOCATION PLAN

SOUTH STREET SITE INVESTIGATION CITY OF PEEKSKILL

AUGUST 2011

Legend

- ASTs
- Boring Locations
- Investigation Parcels
- Roads
- PCB Soil (Approximate)
- Areas of Concern
- Structures
- Test Pit Locations

NOTES:

1. SAMPLING LOCATIONS BASED ON FIELD SURVEY PERFORMED BY TECTONIC ON SEPTEMBER 2, 2011.

WO - 5886.01

This map is computer generated using data acquired by Tectonic from various sources and is intended only for reference, conceptual planning and presentation purposes. This map is not intended for and should not be used to establish boundaries, property lines, location of objects or to provide any other information typically needed for construction or any other purpose when engineered plans or land surveys are required.

Geodatabase Location: G:GIS/PROJECTS/PEEKSKILL

TECTONIC

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TABLE 4-Soil Sample Results Summary

W.O. 5886.01

Lower South Street, Peekskill, NY

TECTONIC
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Volatile Organic Compounds (VOCs)

Sample ID		Part 375-6.8(a)	TP-6	
Lab Sample Number		Unrestricted	C3194-01	
Sampling Date		Soil Cleanup	8/1/2011	
Matrix		Objectives	SOIL	
Dilution Factor			1	
Units		ppb	ug/Kg	
COMPOUND	CAS #			
Benzene	71-43-2	60	3.6	J
Cyclohexane	110-82-7		2.6	J
Ethyl Benzene	100-41-4	1,000	1.9	J
Isopropylbenzene	98-82-8		1.2	J
m/p-Xylenes	179601-23-1		8	J
Methyl tert-butyl Ether	1634-04-4	930	3.7	J
Methylcyclohexane	108-87-2		11	
Methylene Chloride	75-09-2	50	3.7	JB
o-Xylene	95-47-6		2.9	J
Toluene	108-88-3	700	0.78	J
Total Concentration.			39.38	
Total TICs			686.1	

Semi-Volatile Organic Compounds (SVOCs)

Sample ID		Part 375-6.8(a)	TP-6	
Lab Sample Number		Unrestricted	C3194-01	
Sampling Date		Soil Cleanup	8/1/2011	
Matrix		Objectives	SOIL	
Dilution Factor			1	
Units		ppb	ug/Kg	
COMPOUND	CAS #			
2-Methylnaphthalene	91-57-6		200	J
Anthracene	120-12-7	100,000	260	J
Benzo(a)anthracene	56-55-3	1,000	770	J
Benzo(a)pyrene	50-32-8	1,000	1400	
Benzo(b)fluoranthene	205-99-2	1,000	1100	J
Benzo(g,h,i)perylene	191-24-2	100,000	870	J
Benzo(k)fluoranthene	207-08-9	800	310	J
bis(2-Ethylhexyl)phthalate	117-81-7		14000	D
Butylbenzylphthalate	85-68-7		900	J
Chrysene	218-01-9	1,000	790	J
Di-n-butylphthalate	84-74-2		190	J
Fluoranthene	206-44-0	100,000	1200	
Indeno(1,2,3-cd)pyrene	193-39-5	500	640	J
Phenanthrene	85-01-8	100,000	810	J
Pyrene	129-00-0	100,000	2000	
Total Concentration.			23440	
Total TICs			15920	

TPH

Sample ID		Part 375-6.8(a)	TP-6	
Lab Sample Number		Unrestricted	C3194-01	
Sampling Date		Soil Cleanup	8/1/2011	
Matrix		Objectives	SOIL	
Dilution Factor			50	
Units			ug/kg	
COMPOUND	CAS #			
Petroleum Hydrocarbons			5744222	
Total Concentration.			5744222	

Metals

Sample ID		Part 375-6.8(a)	TP-6	
Lab Sample Number		Unrestricted	C3194-01	
Sampling Date		Soil Cleanup	8/1/2011	
Matrix		Objectives	SOIL	
Dilution Factor			1	
Units		mg/Kg	mg/Kg	
COMPOUND	CAS #			
Aluminum	7429-90-5		6220	
Antimony	7440-36-0		3.04	
Arsenic	7440-38-2	13 (16)	6.69	N
Barium	7440-39-3	350	174	
Beryllium	7440-41-7	7.2	0.197	JN
Cadmium	7440-43-9	2.5 (4.3)	4.21	N
Calcium	7440-70-2		7760	
Chromium	7440-47-3	30 (110)	31.7	N
Cobalt	7440-48-4		11.2	N
Copper	7440-50-8	50 (270)	206	
Iron	7439-89-6		48400	
Lead	7439-92-1	63 (400)	424	
Magnesium	7439-95-4		4160	
Manganese	7439-96-5	1600	288	N
Mercury	7439-97-6	0.18 (0.81)	1.74	D
Nickel	7440-02-0	30 (310)	52.5	
Potassium	7440-09-7		952	
Silver	7440-22-4	2	0.834	
Sodium	7440-23-5		588	
Vanadium	7440-62-2		28.8	N
Zinc	7440-66-6	109 (10,000)	833	
Total Concentration.			70144.171	
Hexavalent Chromium	18540-29-9		0.14	J
Total Concentration.			0.14	

PCBs

Sample ID		Part 375-6.8(a)	TP-6	
Lab Sample Number		Unrestricted	C3194-01	
Sampling Date		Soil Cleanup	8/1/2011	
Matrix		Objectives	SOIL	
Dilution Factor			1	
Units		ppb	ug/Kg	
COMPOUND	CAS #			
Aroclor-1242	53469-21-9		1800	DP
Total Concentration.		100 (500)	1800	

TCLP Metals

Sample ID		Part 371	TP-6	
Lab Sample Number			C3194-06	
Sampling Date		Table 1	8/1/2011	
Matrix		Toxicity Characteristics	TCLP	
Dilution Factor		for Haz. Waste	1	
Units		ug/L	ug/L	
COMPOUND	CAS #			
Barium	7440-39-3	100,000	1330	
Lead	7439-92-1	5,000	416	
Total Concentration.			1746	
Total TICs				

Reactive Sulfide and Cyanide

Sample ID		TP-6	
Lab Sample Number		C3194-06	
Sampling Date		8/1/2011	
Matrix		SOIL	
Dilution Factor		1	
Units		mg/Kg	
COMPOUND	CAS #		
Reactive Sulfide		10	U
Reactive Cyanide		0.05	U
Total Concentration.		0	
Total TICs			

Ignitability

Sample ID		TP-6
Lab Sample Number		C3194-06
Sampling Date		8/1/2011
Matrix		SOIL
Dilution Factor		1
Units		o C
COMPOUND	CAS #	
Ignitability		NO
Total Concentration.		NO
Total TICs		

Corrosivity

Sample ID		TP-6
Lab Sample Number		C3194-06
Sampling Date		8/1/2011
Matrix		SOIL
Dilution Factor		1
Units		pH
COMPOUND	CAS #	
Corrosivity (as pH)		7.88
Total Concentration.		7.88
Total TICs		

Qualifiers

U - The compound was not detected at the indicated concentration.
N - Presumptive Evidence of a Compound
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
E (Inorganics) - The reported value is estimated because of the presence of interference.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed

TABLE 2B-Soil Sample Results Summary
Semi-Volatile Organic Compounds (SVOCs)
W.O. 5886.01
Lower South Street, Peekskill, NY

TECTONIC
Practical Solutions, Exceptional Service

Sample ID		Part 375-6.8(a)	TP-2	TP-3	B-1-1-3	B-2-4-6	B-402-6-7.5	B-3-0-2	B-6-8-10
Boring #					B-1	B-2	B-2	B-3	B-6
Sample Depth					1'-3'	4'-7.5'	4'-7.5'	0'-2'	8'-10'
Lab Sample Number		Unrestricted	C3194-04	C3194-03	C3149-06	C3149-07	C3149-08	C3149-09	C3149-05
Sampling Date		Soil Cleanup	8/1/2011	8/1/2011	7/27/2011	7/27/2011	7/27/2011	7/27/2011	7/27/2011
Matrix		Objectives	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor			1	1	1	1	1	1	1
Units		ppb	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
COMPOUND	CAS #								
Anthracene Com.	120-12-7	100,000 Ind.	7.6 U	7.4 U	6.9 U	7.2 U	7.1 U	7.4 U	73 J
Benzo(a)anthracene 5600	56-55-3	1,000 11,000	18 U	17 U	16 U	17 U	17 U	17 U	300 J
Benzo(a)pyrene 1,000	50-32-8	1,000 1,100	8.1 U	7.8 U	7.3 U	7.6 U	7.6 U	7.9 U	340 J
Benzo(b)fluoranthene 5,600	205-99-2	1,000 11,000	12 U	12 U	11 U	12 U	11 U	12 U	400
Benzo(g,h,i)perylene 500,000	191-24-2	100,000 1,000,000	15 U	15 U	14 U	14 U	14 U	15 U	220 J
Benzo(k)fluoranthene 5,600	207-08-9	800 110,000	18 U	17 U	16 U	17 U	16 U	17 U	140 J
bis(2-Ethylhexyl)phthalate	117-81-7		120 J	120 J	67 J	96 J	53 J	80 J	120 J
Butylbenzylphthalate	85-68-7		18 U	17 U	16 U	17 U	17 U	18 U	18 U
Chrysene 56,000	218-01-9	1,000 110,000	17 U	16 U	15 U	16 U	16 U	17 U	310 J
Dibenz(a,h)anthracene	53-70-3	330	11 U	10 U	9.8 U	10 U	10 U	11 U	11 U
Fluoranthene	206-44-0	100,000	7.5 U	7.3 U	6.8 U	7.1 U	7 U	7.3 U	500
Indeno(1,2,3-cd)pyrene	193-39-5	500	12 U	12 U	11 U	12 U	12 U	12 U	180 J
Phenanthrene	85-01-8	100,000	10 U	9.8 U	9.2 U	9.5 U	9.5 U	9.9 U	290 J
Pyrene	129-00-0	100,000	9 U	8.7 U	8.1 U	8.5 U	8.4 U	8.8 U	450
Total Concentration.			120	120	67	96	53	80	3323
Total TICs			2420	1860	1610	1600	1400	1870	1550

Sample ID	B-7-0.5-2.5	B-8-0.5-2.5	B-9-1-3	B-10-2-4	B-11-0.5-2	B-12-0.5-2	B-14-1-2	B-15-2.5-4.5	B-16-0-2	B-17-4-6	B-18-5-7	Restricted Po
Boring #	B-7	B-8	B-9	B-10	B-11	B-12	B-14	B-15	B-16	B-17	B-18	
Sample Depth	0.5'-2.5'	0.5'-2.5'	1'-3'	2'-4'	0.5'-2'	0.5'-2'	1'-2'	2.5'-4.5'	0'-2'	4'-6'	5'-7'	
Lab Sample Number	C3167-02	C3167-01	C3167-06	C3167-05	C3167-03	C3167-04	C3167-08	C3167-09	C3167-10	C3167-11	C3167-07	
Sampling Date	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
Dilution Factor	5	5	5	5	5	5	5	1	5	1	1	
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	
COMPOUND												
Anthracene	400 J	39 U	120 U	110 U	41 U	1000 J	2000 J	330 J	1400 J	24 U	140 J	
Benzo(a)anthracene	1400 J	810 J	2400 J	1200 J	370 J	4600 J	7700	1200	6100	57 U	560 J	1,000
Benzo(a)pyrene	1600 J	1200 J	2600 J	1400 J	410 J	5200 J	9000	1200	6000	26 U	590 J	1,000
Benzo(b)fluoranthene	1900 J	740 J	3000 J	1800 J	500 J	6000	11000	1400	7000	39 U	720 J	1,000
Benzo(g,h,i)perylene	970 J	680 J	1500 J	1000 J	290 J	3300 J	5300 J	660 J	3400 J	48 U	370 J	100,000
Benzo(k)fluoranthene	780 J	89 U	1100 J	260 U	94 U	2300 J	3200 J	610 J	2800 J	56 U	250 J	39,000
bis(2-Ethylhexyl)phthalate	1500 J	1400 J	4600 J	4300 J	1600 J	4500 J	4800 J	1100 J	4200 J	990 J	930 J	
Butylbenzylphthalate	95 U	91 U	280 U	260 U	96 U	270 U	280 U	53 U	260 U	57 U	810 J	
Chrysene	1500 J	1100 J	2500 J	1300 J	380 J	4800 J	7900	1300	6000	54 U	560 J	3,9000
Dibenz(a,h)anthracene	280 J	54 U	170 U	160 U	58 U	890 J	1500 J	200 J	920 J	34 U	31 U	
Fluoranthene	2600	850 J	4500 J	1900 J	630 J	8700	14000	2300	12000	24 U	1000 J	
Indeno(1,2,3-cd)pyrene	910 J	330 J	1500 J	890 J	270 J	3100 J	5100 J	650 J	3200 J	39 U	350 J	
Phenanthrene	1400 J	590 J	2200 J	770 J	260 J	3700 J	6000	1200	4900 J	32 U	510 J	
Pyrene	2300	1200 J	4400 J	1900 J	540 J	7800	12000	1900	11000	28 U	900 J	
Total Concentration.	17540	8900	30300	16460	5250	55890	89500	14050	68920	990	7690	
Total TICs	3950	7670	2500	2300	790	8500	15700	4860	10600	4330	8280	

Qualifiers

U - The compound was not detected at the indicated concentration.

N - Presumptive Evidence of a Compound

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

1011 Site

TABLE 2E-Soil Sample Results Summary
PCBs
W.O. 5886.01
Lower South Street, Peekskill, NY

TECTONIC
Practical Solutions, Exceptional Service

Sample ID		Part 375-6.8(a)	TP-2		TP-3		B-1-1-3		B-2-4-6		B-402-6-7.5		B-3-0-2		B-6-8-10		B-7-0.5-2.5		B-8-0.5-2.5		B-9-1-3		B-10-2-4		B-11-0.5-2		B-12-0.5-2		B-14-1-2		B-15-2.5-4.5		B-16-0-2		B-17-4-6		B-18-5-7	
Boring #							B-1		B-2		B-2		B-3		B-6		B-7		B-8		B-9		B-10		B-11		B-12		B-14		B-15		B-16		B-17		B-18	
Sample Depth							1'-3'		4'-7.5'		4'-7.5'		0'-2'		8'-10'		0.5'-2.5'		0.5'-2.5'		1'-3'		2'-4'		0.5'-2'		0.5'-2'		1'-2'		2.5'-4.5'		0'-2'		4'-6'		5'-7'	
Lab Sample Number		Unrestricted	C3194-04		C3194-03		C3149-06		C3149-07		C3149-08		C3149-09		C3149-05		C3167-02		C3167-01		C3167-06		C3167-05		C3167-03		C3167-04		C3167-08		C3167-09		C3167-10		C3167-11		C3167-07	
Sampling Date		Soil Cleanup	8/1/2011		8/1/2011		7/27/2011		7/27/2011		7/27/2011		7/27/2011		7/27/2011		7/28/2011		7/28/2011		7/28/2011		7/28/2011		7/28/2011		7/28/2011		7/28/2011		7/28/2011		7/28/2011		7/28/2011		7/28/2011	
Matrix		Objectives	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1	
Units		ppb	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
COMPOUND	CAS #																																					
Aroclor-1248	12672-29-6		7.4	U	7.1	U	6.7	U	7	U	6.9	U	7.2	U	7.6	U	23	U	23	U	23	U	22	U	24	U	22	U	140		22	U	22	U	23	U	21	U
Aroclor-1254	11097-69-1		11	J	1.6	U	1.5	U	1.6	U	1.6	U	1.6	U	1.7	U	5.3	U	5.1	U	270		4.9	U	5.4	U	5.1	U	5.2	U	63		5	U	5.3	U	4.8	U
		Part 375 Comm																																				
Total Concentration.		100 | 500	11		0		0		0		0		0		0		0		0		270		0		0		0		140		63		0		0		0	
Total TICs																																						

Qualifiers

U - The compound was not detected at the indicated concentration.

N - Presumptive Evidence of a Compound

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

TABLE 2F-Soil Sample Results Summary
Metals
W.O. 5886.01
Lower South Street, Peekskill, NY

TECTONIC
Practical Solutions, Exceptional Service

Sample ID		Part 375-6.8(a)	TP-2	TP-3	B-1-1-3	B-2-4-6	B-402-6-7.5	B-3-0-2	B-6-8-10
Boring #					B-1	B-2	B-2	B-3	B-6
Sample Depth					1'-3'	4'-7.5'	4'-7.5'	0'-2'	8'-10'
Lab Sample Number		Unrestricted	C3194-04	C3194-03	C3149-06	C3149-07	C3149-08	C3149-09	C3149-05
Sampling Date		Soil Cleanup	8/1/2011	8/1/2011	7/27/2011	7/27/2011	7/27/2011	7/27/2011	7/27/2011
Matrix		Objectives	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor			1	1	1	1	1	1	1
Units		ppm	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
COMPOUND	CAS #								
Aluminum	7429-90-5	Com Restr	7900	8940	13000	24000	16300	22800	13300
Antimony	7440-36-0		0.528 U	0.535 U	0.421 U	0.413 U	0.439 U	0.409 U	0.466 U
Arsenic	7440-38-2	13	1.52 N	4.17 N	1.01	0.605 J	0.585 J	1.16	1.77
Barium	7440-39-3	350 400 400	137	38.6	567	625	800	362	426
Beryllium	7440-41-7	7.2	0.153 JN	0.369 N	0.119 JN	0.205 JN	0.118 JN	0.193 JN	0.145 JN
Cadmium	7440-43-9	2.5	0.057 UN	0.057 UN	0.088 J	0.253	0.096 J	0.044 U	0.116 J
Calcium	7440-70-2		4190	247	8050 N	7030 N	6510 N	6300 N	5180 N
Chromium	7440-47-3	30 400 110	24.2 N	9.48 N	36.1	41.5	35.8	20.3	26.7
Cobalt	7440-48-4		16.7 N	6.7 N	23.3	31.2	27.9	21	20.8
Copper	7440-50-8	50	24.4	15.3	36.1	35.4	32.1	27.9	26.8
Iron	7439-89-6		14400	15800	18600	41000	22400	17900	17700
Lead	7439-92-1	63 1,000 400	1.5	5.98	0.936	1.03	0.877	2.26	9.63
Magnesium	7439-95-4		3400	2850	5450	15800	8200	8270	5990
Manganese	7439-96-5	1600	127 N	219 N	93.4	288	119	110	97.2
Mercury	7439-97-6	0.18 2.8 0.81	0.002 U	0.007 J	0.008 J	0.003 J	0.002 U	0.02	0.038
Nickel	7440-02-0	30	16.4	13.3	24.5	29.5	27	17.1	23.9
Potassium	7440-09-7		1300	402	4320	4060	5440	2460	3540
Silver	7440-22-4	2	0.141 U	0.143 U	0.113 U	0.111 U	0.117 U	0.11 U	0.125 U
Sodium	7440-23-5		466	237	1170 N*	896 N*	867 N*	1110 N*	743 N*
Thallium	7440-28-0		0.254 U	0.258 U	0.203 U	0.199 U	0.211 U	0.271 J	0.225 U
Vanadium	7440-62-2		54.3 N	13.1 N	91.5	104	98	34.8	74.1
Zinc	7440-66-6	109 10,000 10,000	23.6	41.8	31.4	65.7	39.6	32.1	36.1
Total Concentration.			32082.83	28843.863	51495.5	94008.4	60898.08	59469.1	47196.3
Hexavalent Chromium	18540-29-9	1	0.088 U	0.087 U	0.12 J	0.13 J	0.12 J	0.13 J	0.091 U
Total Concentration.			0	0	0.12	0.13	0.12	0.13	0
Total TICs									

Sample ID	B-7-0.5-2.5	B-8-0.5-2.5	B-9-1-3	B-10-2-4	B-11-0.5-2	B-12-0.5-2	B-14-1-2	B-15-2.5-4.5	B-16-0-2	B-17-4-6	B-18-5-7
Boring #	B-7	B-8	B-9	B-10	B-11	B-12	B-14	B-15	B-16	B-17	B-18
Sample Depth	0.5'-2.5'	0.5'-2.5'	1'-3'	2'-4'	0.5'-2'	0.5'-2'	1'-2'	2.5'-4.5'	0'-2'	4'-6'	5'-7'
Lab Sample Number	C3167-02	C3167-01	C3167-06	C3167-05	C3167-03	C3167-04	C3167-08	C3167-09	C3167-10	C3167-11	C3167-07
Sampling Date	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011	7/28/2011
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1	1	1	1	1	1	1	1	1	1	1
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
COMPOUND											
Aluminum	9990	12500	6530	6310	8490	7840	7330	8370	12500	18300	10400
Antimony	0.66 J	0.64 U	0.937 J	0.506 U	0.494 U	0.639 J	2.7	0.493 U	0.474 U	0.5 U	0.447 U
Arsenic	4.14	4.07	3.89	6.99	4.33	4.06	5.06	3.94	4.08	2.75	1.69
Barium	318	313	108	89.9	185	127	235	149	169	79.7	257
Beryllium	0.218 J	0.27 J	0.28	0.236 J	0.246 J	0.252 J	0.253 J	0.272	0.323	0.341	0.16 J
Cadmium	0.395	0.229 J	0.363	0.38	0.291	0.121 J	3.14	0.079 J	0.092 J	0.07 J	0.07 J
Calcium	32100	39300	53500	51000	47200	71300	27300	53200	21000	4680	8260
Chromium	23 N	38.1 N	16.2 N	13.1 N	18.3 N	15 N	19.5 N	30.7 N	19.5 N	25.5 N	22.5 N
Cobalt	13.1 N	18.8 N	5.76 N	6.91 N	11.1 N	7.36 N	9.89 N	8.06 N	15.2 N	17.1 N	16.2 N
Copper	45.5	39.8	47.2	27.6	32.8	20.5	56.9	19.3	36	37.2	40.5
Iron	20100	20000	9980	11600	14300	11200	17900	12800	18400	19300	17400
Lead	109	59.1	142	47.9	70.5	47.5	378	31.7	36.5	14.6	10.1
Magnesium	15400	12200	9700	9830	17100	21900	5850	8250	12800	5970	5500
Manganese	241	254	207	206	261	178	241	248	197	205	176
Mercury	0.217	0.17	0.27	0.08	0.197	0.057	1.11 D	0.045	0.093	0.048	0.022
Nickel	20.5	24.3	13.1	12.9	17.9	11.9	22.4	14.4	22.5	26.3	19.8
Potassium	2870	2960	1650	1480	2120	1840	1320	3390	1620	657	3280
Silver	0.136 U	0.171 U	0.258 J	0.136 U	0.132 U	0.134 U	0.217 J	0.132 U	0.127 U	0.134 U	0.12 U
Sodium	559 N	999 N	787 N	663 N	787 N	581 N	957 N	1080 N	863 N	444 N	657 N
Thallium	0.245 U	0.309 U	0.246 U	0.244 U	0.238 U	0.241 U	0.228 U	0.238 U	0.229 U	0.241 U	0.216 U
Vanadium	46 N	57.1 N	18.9 N	23.6 N	32.6 N	29.2 N	30 N	32.5 N	42.9 N	56.9 N	51.4 N
Zinc	147	96.5	198	87.5	104	64.9	280	50	67.3	44.2	37.5
Total Concentration.	81987.73	88864.439	82909.158	81406.096	90735.264	115167.489	61941.06	87677.996	67793.488	49860.709	46129.942
Hexavalent Chromium	0.097 U	0.11 J	0.092 U	0.088 U	0.095 U	0.1 J	0.11 J	0.087 U	0.087 U	0.11 J	0.1 J
Total Concentration.	0	0.11	0	0	0	0.1	0.11	0	0	0.11	0.1
Total TICs											

Qualifiers

U - The compound was not detected at the indicated concentration.
N - Presumptive Evidence of a Compound
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
E (Inorganics) - The reported value is estimated because of the presence of interference.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed

1011 Site

TABLE 3B-Soil Sample Results Summary
Semi-Volatile Organic Compounds (SVOCs)
W.O. 5886.01
Lower South Street, Peekskill, NY

TECTONIC
Practical Solutions, Exceptional Service

Sample ID		Part 375-6.8(a)	B-19-4-6	B-21-2-4	B-22-2-4	B-23-1-3	B-24-1-3	B-25-2-4	B-26-2-4	B-27-1-3	B-28-1-3	B-29-1-3	B-429-3-4.5	B-30-2-4	B-31-2-4	B-32-2-4	B-33-0-2	B-34-2-4	B-35-2-4	B-36-0-2	B-37-1-3	B-38-0.5-2.5	TP-10	TP-12
Boring #			B-19	B-21	B-22	B-23	B-24	B-25	B-26	B-27	B-28	B-29	B-29	B-30	B-31	B-32	B-33	B-34	B-35	B-36	B-37	B-38		
Sample Depth			4'-6'	2'-4'	2'-4'	1'-3'	1'-3'	2'-4'	2'-4'	1'-3'	1'-3'	1' - 4.5'	1' - 4.5'	2'-4'	2'-4'	2'-4'	0'-2'	2'-4'	2'-4'	0'-2'	1'-3'	0.5'-2.5'		
Lab Sample Number		Unrestricted	C3167-12	C3137-03	C3137-06	C3137-05	C3149-04	C3149-03	C3137-12	C3137-11	C3137-10	C3137-07	C3137-09	C3137-08	C3137-04	C3137-02	C3137-01	C3149-01	C3149-02	C3167-13	C3167-15	C3167-14	C3194-02	C3215-01
Sampling Date		Soil Cleanup	7/28/2011	7/26/2011	7/26/2011	7/28/2011	7/27/2011	7/27/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/27/2011	7/27/2011	7/28/2011	7/28/2011	7/28/2011	8/1/2011	8/2/2011
Matrix		Objectives	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor			5	5	5	5	20	5	5	1	5	5	5	5	5	5	5	10	10	5	5	1	5	5
Units		ppm	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
COMPOUND	CAS #																							
Acenaphthene	83-32-9	20,000	170 U	150 U	3000 J	160 U	5200 J	160 U	160 U	65 U	160 U	190 U	770 J	160 U	160 U	160 U	150 U	1500 J	310 U	180 U	150 U	440 J	160 U	4400 J
Anthracene	120-12-7	100,000	770 J	1700 J	7400	110 U	12000 J	110 U	110 U	440 J	120 U	1300 J	1500 J	980 J	1200 J	120 U	110 U	2800 J	1400 J	1400 J	110 U	440 J	120 U	7300
Benzo(a)anthracene	56-55-3	1,000	2900 J	1900 J	16000	1300 J	23000	710 J	890 J	1300 J	860 J	2700 J	2900 J	4200 J	2800 J	810 J	260 U	5300 J	5000 J	4100 J	1300 J	950 J	270 U	8300
Benzo(a)pyrene	50-32-8	1,000	3200 J	1500 J	14000	1300 J	21000 J	120 U	850 J	1200 J	720 J	2400 J	2400 J	4600 J	2600 J	790 J	120 U	4100 J	4800 J	4700 J	1300 J	1000 J	120 U	6600
Benzo(b)fluoranthene	205-99-2	1,000	3500 J	2100 J	18000	1700 J	31000	850 J	1100 J	1600 J	910 J	3000 J	3300 J	6300	3600 J	1100 J	720 J	5300 J	5600 J	5300 J	1700 J	1200 J	190 U	9200
Benzo(g,h,i)perylene	191-24-2	100,000	1900 J	220 U	5600 J	230 U	11000 J	230 U	230 U	680 J	230 U	2100 J	1300 J	2100 J	1200 J	230 U	220 U	2200 J	3000 J	2600 J	780 J	530 J	230 U	3200 J
Benzo(k)fluoranthene	207-08-9	800 3900	1500 J	710 J	6000 J	270 U	9300 J	260 U	260 U	700 J	270 U	1300 J	1100 J	2200 J	1000 J	270 U	250 U	2000 J	2000 J	1900 J	250 U	450 J	270 U	2700 J
bis(2-Ethylhexyl)phthalate	117-81-7		4500 J	1100 J	1300 J	890 J	790 U	200 U	1300 J	1600 J	880 J	1000 J	850 J	200 U	740 J	200 U	190 U	400 U	390 U	4800 J	190 U	1200 J	200 U	200 U
Butylbenzylphthalate	85-68-7		280 U	260 U	1500 J	270 U	1100 U	270 U	270 U	110 U	270 U	320 U	280 U	280 U	270 U	270 U	260 U	540 U	520 U	270 U	260 U	980 J	270 U	270 U
Carbazole	86-74-8		130 U	120 U	1800 J	120 U	3900 J	120 U	120 U	51 U	120 U	150 U	130 U	850 J	120 U	120 U	120 U	1500 J	240 U	120 U	120 U	28 U	120 U	3700 J
Chrysene	218-01-9	1,000 3,900	2900 J	1900 J	14000	1300 J	26000	850 J	900 J	1400 J	840 J	2600 J	2700 J	5100 J	2700 J	850 J	240 U	5600 J	5500 J	4000 J	1300 J	980 J	260 U	7300
Dibenz(a,h)anthracene	53-70-3	330	170 U	160 U	1600 J	160 U	3100 J	160 U	160 U	67 U	160 U	190 U	170 U	170 U	160 U	160 U	150 U	320 U	310 U	810 J	150 U	170 J	160 U	960 J
Dibenzofuran	132-64-9		230 U	210 U	1200 J	220 U	3800 J	220 U	220 U	90 U	220 U	260 U	230 U	230 U	220 U	220 U	210 U	1800 J	430 U	220 U	210 U	220 J	220 U	2900 J
Fluoranthene	206-44-0	100,000	5000 J	5200 J	29000	2400 J	62000	1900 J	1800 J	2100 J	2000 J	5800 J	6600	9400	5900	1600 J	1100 J	14000	8500 J	6700	2600 J	2100	110 U	18000
Fluorene	86-73-7	30,000	220 U	980 J	2900 J	210 U	8000 J	210 U	210 U	310 J	210 U	860 J	940 J	220 U	210 U	220 U	200 U	1400 J	410 U	210 U	200 U	400 J	210 U	5200 J
Indeno(1,2,3-cd)pyrene	193-39-5	500	1700 J	180 U	5400 J	190 U	8900 J	190 U	190 U	590 J	190 U	1300 J	1000 J	1600 J	940 J	190 U	180 U	1900 J	2100 J	2600 J	180 U	520 J	190 U	2500 J
Naphthalene	91-20-3	12,000	200 U	190 U	230 U	190 U	770 U	190 U	2000 J	2200 J	200 U	230 U	200 U	750 J	200 U	200 U	180 U	390 U	380 U	190 U	180 U	45 U	200 U	190 U
Phenanthrene	85-01-8	100,000	2300 J	4500 J	19000	870 J	46000	880 J	1500 J	1000 J	2200 J	3500 J	4600 J	5900	4000 J	720 J	140 U	18000	6500 J	4000 J	1800 J	1400	150 U	20000
Pyrene	129-00-0	100,000	4400 J	4300 J	26000	2500 J	51000	1600 J	1700 J	1900 J	1700 J	4900 J	5700 J	8000	5000 J	1400 J	970 J	13000	9600 J	6000	2500 J	1800	140 U	14000
Total Concentration.			34570	25890	173700	12260	325200	6790	12040	17360	10110	32760	35660	51980	31680	7270	2790	78400	54000	48910	13280	14780	0	116250
Total TICs			5700	140800	144400	7200	64600	3800	38200	207400	26400	82900	24400	10400	11800	11300	3000	16600	11000	8800	4000	11890	5100	34100

Qualifiers

U - The compound was not detected at the indicated concentration.

N - Presumptive Evidence of a Compound

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

TABLE 3E-Soil Sample Results Summary
PCBs
W.O. 5886.01
Lower South Street, Peekskill, NY

TECTONIC
Practical Solutions, Exceptional Service

Sample ID		Part 375-6.8(a)	B-19-4-6	B-21-2-4	B-22-2-4	B-23-1-3	B-24-1-3	B-25-2-4	B-26-2-4	B-27-1-3	B-28-1-3	B-29-1-3	B-429-3-4.5	B-30-2-4	B-31-2-4	B-32-2-4	B-33-0-2	B-34-2-4	B-35-2-4	B-36-0-2	B-37-1-3	B-38-0.5-2.5	TP-10	TP-12
Boring #			B-19	B-21	B-22	B-23	B-24	B-25	B-26	B-27	B-28	B-29	B-29	B-30	B-31	B-32	B-33	B-34	B-35	B-36	B-37	B-38		
Sample Depth			4'-6'	2'-4'	2'-4'	1'-3'	1'-3'	2'-4'	2'-4'	1'-3'	1'-3'	1' - 4.5'	1' - 4.5'	2'-4'	2'-4'	2'-4'	0'-2'	2'-4'	2'-4'	0'-2'	1'-3'	0.5'-2.5'		
Lab Sample Number		Unrestricted	C3167-12	C3137-03	C3137-06	C3137-05	C3149-04	C3149-03	C3137-12	C3137-11	C3137-10	C3137-07	C3137-09	C3137-08	C3137-04	C3137-02	C3137-01	C3149-01	C3149-02	C3167-13	C3167-15	C3167-14	C3194-02	C3215-01
Sampling Date		Soil Cleanup	7/28/2011	7/26/2011	7/26/2011	7/26/2011	7/27/2011	7/27/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/27/2011	7/27/2011	7/28/2011	7/28/2011	7/28/2011	8/1/2011	8/2/2011
Matrix		Objectives	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Units		ppb	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
COMPOUND	CAS #																							
Aroclor-1242	53469-21-9		12 U	11 U	14 U	12 U	3.8 U	18000 D	11 U	24 U	12 U	14 U	12 U	12 U	12 U	12 U	11 U	3.8 U	3.7 U	11 U	630	13 U	11 U	12 U
Aroclor-1248	12672-29-6		23 U	22 U	190	22 U	7.4 U	7.4 U	180	46 U	630 P	230	280 P	110	200	23 U	21 U	31	53	22 U	21 U	26 U	22 U	22 U
Aroclor-1254	11097-69-1		5.2 U	4.9 U	5.9 U	5.1 U	1.7 U	1.7 U	5 U	10 U	5.1 U	6 U	5.2 U	5.1 U	5.1 U	5.1 U	4.8 U	1.7 U	1.6 U	290	4.8 U	5.8 U	5 U	1700 D
Aroclor-1260	11096-82-5		14 U	500	16 U	14 U	4.6 U	4.6 U	14 U	29 U	450 P	17 U	14 U	14 U	14 U	14 U	13 U	4.6 U	4.5 U	14 U	13 U	16 U	14 U	14 U
Total Concentration.		100 1,000	0	500	190	0	0	2500	180	0	1080	230	280	110	200	0	0	31	53	290	630	0	0	1800

Total TICs

Qualifiers

U - The compound was not detected at the indicated concentration.

N - Presumptive Evidence of a Compound

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

1011 Site

TABLE 3F-Soil Sample Results Summary
Metals
W.O. 5886.01
Lower South Street, Peekskill, NY

TECTONIC
Practical Solutions, Exceptional Service

Sample ID		Part 375-6.8(a)	B-19-4-6	B-21-2-4	B-22-2-4	B-23-1-3	B-24-1-3	B-25-2-4	B-26-2-4	B-27-1-3	B-28-1-3	B-29-1-3	B-429-3-4.5	B-30-2-4	B-31-2-4	B-32-2-4	B-33-0-2	B-34-2-4	B-35-2-4	B-36-0-2	B-37-1-3	B-38-0.5-2.5	TP-10	TP-12
Boring #			B-19	B-21	B-22	B-23	B-24	B-25	B-26	B-27	B-28	B-29	B-29	B-30	B-31	B-32	B-33	B-34	B-35	B-36	B-37	B-38		
Sample Depth			4'-6'	2'-4'	2'-4'	1'-3'	1'-3'	2'-4'	2'-4'	1'-3'	1'-3'	1' - 4.5'	1' - 4.5'	2'-4'	2'-4'	2'-4'	0'-2'	2'-4'	2'-4'	0'-2'	1'-3'	0.5'-2.5'		
Lab Sample Number		Unrestricted	C3167-12	C3137-03	C3137-06	C3137-05	C3149-04	C3149-03	C3137-12	C3137-11	C3137-10	C3137-07	C3137-09	C3137-08	C3137-04	C3137-02	C3137-01	C3149-01	C3149-02	C3167-13	C3167-15	C3167-14	C3194-02	C3215-01
Sampling Date		Soil Cleanup	7/28/2011	7/26/2011	7/26/2011	7/26/2011	7/27/2011	7/27/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/27/2011	7/27/2011	7/28/2011	7/28/2011	7/28/2011	8/1/2011	8/2/2011
Matrix		Objectives	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Units		ppm	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
COMPOUND	CAS #																							
Aluminum	7429-90-5		10900	8890	9780	12700	4740	5780	14900	11200	10700	10100	9050	7910	13000	8940	11800	6310	4730	6590	5940	9480	2740	7900
Antimony	7440-36-0		0.531 U	0.47 UN	1.72 JN	7.5 N	0.471 U	0.467 U	1.27 JN	1.02 UN	1.33 JN	0.725 JN	0.487 UN	0.492 UN	0.473 JN	0.526 UN	0.8 UN	0.483 U	0.648 J	0.549 J	0.79 J	0.534 U	1.88 J	4.56
Arsenic	7440-38-2	13	2.37	5.84	5.68	3.4	2.44	2.74	7.63	21.1	11.1	14	4.13	4.47	5.48	7.07	3.48	4.45	3.39	4.01	4.11	22.7	12.3 N	0.328 U
Barium	7440-39-3	350 410	162	136	258	131	58.8	83	291	244	74.8	142	125	93.4	283	110	232	78.8	71.4	71.8	124	90	52.8	118 N
Beryllium	7440-41-7	7.2	0.235 J	0.287	0.319	0.359	0.165 JN	0.198 JN	0.358	0.345 J	0.405	0.674	0.351	0.266	0.31	0.281 J	2.45	0.294 N	0.217 JN	0.294	0.218 J	0.262 J	0.115 JN	0.333
Cadmium	7440-43-9	2.5	0.224 J	0.372	1.46	0.238 J	0.149 J	0.164 J	1.37	1.43	0.274	0.469	0.324	0.531	0.554	0.429	0.32 J	0.252 J	0.341	0.317	0.336	0.241 J	0.546 N	0.343
Calcium	7440-70-2		10600	33700	29600	38900	35600 N	33300 N	50100	58400	87000	57800	63400	45800	48500	66500	36500	46800 N	38600 N	62000	54700	13800	33000	56000
Chromium	7440-47-3	30 110	19.5 N	25.4	22	21.9	7.19	13	23.8	43.7	20.9	46.6	22.4	16.8	27.4	20.3	32	13	13.3	11.4 N	15.1 N	44.6 N	13.8 N	20.3 N
Cobalt	7440-48-4		16.7 N	10.8	8.81	10.5	5.62	4.78	17.6	12.9	10.8	14.4	7.66	7.5	14.6	10.3	15	5.38	5.25	6.52 N	7.35 N	12.1 N	13.7 N	8.97
Copper	7440-50-8	50 270	35.3	31.1	70.9	24.3	12.1	15.6	59.3	95.3	24	118	25.3	75.6	55.4	33	42	21.9	31.5	28.1	31.3	43.7	203	38.7
Iron	7439-89-6		18000	16400	17400	16800	9330	8450	29900	21600	19900	18200	15200	14600	20300	14000	19100	11100	10600	12000	11000	13700	17400	16100
Lead	7439-92-1	63 400	43.3	57.7	318	20.2	20.4	37.3	145	95.7	33.9	147	70.1	93.5	87.5	88.9	51.7	60.4	72.6	60.1	57.4	83.2	94.3	65.9
Magnesium	7439-95-4		6900	9990	5230	9850	18400	7900	32600	14200	20500	18400	12300	14300	13700	19400	9330	8540	10400	18300	17600	4780	16100	15400 N
Manganese	7439-96-5	1600	215	261	300	309	183	188	308	361	414	325	288	279	270	221	246	210	189	228	225	127	857 N	225
Mercury	7439-97-6	0.18 0.81	0.192	0.112	2.49 D	0.08	0.05	0.077	0.188	0.12	0.101	0.172	0.134	0.214	0.504	0.079	0.084	0.137	0.829 D	0.134	0.15	0.164	0.053	0.164
Nickel	7440-02-0	30	20.5	19.8	21.9	18	10.8	9.4	24.8	21.1	21.8	25.5	15.6	14.8	23.1	18	29.2	11	11.2	11.7	13.5	18.9	12.4	21.6
Potassium	7440-09-7		1860	2290	1510	2360	874	1440	2460	3120	1740	2160	1890	1550	3400	2120	3220	1210	1060	1370	2110	1370	518	2030
Selenium	7782-49-2	3.9	0.389 U	0.344 U	0.397 U	0.364 U	0.345 U	0.342 U	0.342 U	0.743 U	0.338 U	0.433 U	0.358 U	0.36 U	0.322 U	0.385 U	0.439 U	0.354 U	0.352 U	0.334 U	0.309 U	0.391 U	0.316 U	1.15
Silver	7440-22-4	2	0.142 U	0.126 U	0.326 J	0.133 U	0.126 U	0.125 U	0.237 J	0.272 U	0.124 U	0.158 U	0.13 U	0.16 J	0.118 U	0.141 U	0.161 U	0.13 U	0.129 U	0.122 U	0.113 U	0.143 U	0.116 U	0.149 U
Sodium	7440-23-5		604 N	928 N	829 N	619 N	347 N*	647 N*	907 N	2110 N	728 N	1150 N	1130 N	822 N	1320 N	897 N	952 N	637 N*	487 N*	739 N	643 N	1130 N	556	697
Thallium	7440-28-0		0.256 U	0.226 U	0.261 U	0.265 J	0.227 U	0.225 U	0.225 U	0.489 U	0.222 U	0.285 U	0.235 U	0.405 J	0.212 U	0.253 U	0.532 J	0.452 J	0.269 J	0.22 U	0.204 U	0.257 U	0.208 U	0.872 J
Vanadium	7440-62-2		43.8 N	37.3	35.5	33.2	21.6	19.2	50.6	42.6	22.3	26.6	24.6	27.4	50.9	31.9	55.5	19.1	16.4	27 N	26.3 N	33.1 N	20 N	30.8 N
Zinc	7440-66-6	109 10,000	69.1	98	336	55.7	44.1	67.9	248	777	79.8	720	165	227	154	83.6	118	78.9	88.3	97	108	108	783	109
Total Concentration.			49492.221	72882.181	65729.51	81864.642	69657.414	57958.359	132046.153	112347.315	141283.51	109391.14	103719.086	85823.538	101193.221	112482.385	81730.846	75099.065	66381	101545.924	92605.554	44843.967	72378.894	98772.492
Hexavalent Chromium	18540-29-9	1	0.094	0.088 U	0.103 U	0.088 U	0.14 J	0.089 U	0.13 J	0.27 J	0.088 U	0.16 J	0.093 U	0.092 U	0.093 U	0.62	0.084 U	0.092 U	0.13 J	0.1 J	0.083 U	0.121 J	0.13 J	0.091 U
Total Concentration.			0	0	0	0	0.14	0	0.13	0.27	0	0.16	0	0	0	0.62	0	0	0.13	0.1	0	0.12	0.13	0

Total TICs

Qualifiers

U - The compound was not detected at the indicated concentration.
N - Presumptive Evidence of a Compound
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
E (Inorganics) - The reported value is estimated because of the presence of interference.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed

1011 Site (northern end)
Soil Vapor results

TABLE 5-Soil Gas Sample Results Summary
W.O. 5886.01
Lower South Street, Peekskill, NY
TO-15 Air

TECTONIC
Practical Solutions, Exceptional Service

Sample ID		SV-1	SV-2	SV-3	SV-4	SV-5	SV-6	SV-7	SV-8
Lab Sample Number		C3227-01	C3227-03	C3227-04	C3227-02	C3227-07	C3227-05	C3227-06	C3227-08
Sampling Date		8/2/2011	8/2/2011	8/2/2011	8/2/2011	8/2/2011	8/2/2011	8/2/2011	8/2/2011
Matrix		AIR	AIR	AIR	AIR	AIR	AIR	AIR	AIR
Dilution Factor		10	1	10	1	1	1	1	4
Units		Ug/M3	Ug/M3	Ug/M3	Ug/M3	Ug/M3	Ug/M3	Ug/M3	Ug/M3
COMPOUND	CAS #								
1,1,2-Trichlorotrifluoroethane	76-13-1	3.07 U	0.46 J	3.07 U	0.46 J	0.46 J	0.46 J	0.38 J	1.23 U
1,2,4-Trichlorobenzene	120-82-1	2.97 U	0.3 U	2.97 U	0.3 U	0.3 U	0.3 U	0.3 U	14.2 J
1,2,4-Trimethylbenzene	95-63-6	2703	2.26 J	3342	48.2	1.92 J	5.9	0.49 J	23.6 J
1,2-Dichlorobenzene	95-50-1	4.21 U	0.42 U	4.21 U	0.72 J	0.42 U	0.42 U	0.42 U	6.73 J
1,3,5-Trimethylbenzene	108-67-8	211 J	0.69 J	137 J	16.7	0.49 J	2.7	0.44 U	7.87 J
1,4-Dichlorobenzene	106-46-7	48.1 J	0.36 U	3.61 U	0.36 U	0.36 J	0.72 J	0.36 U	12.5 J
2,2,4-Trimethylpentane	540-84-1	1.68E+07 EC	2.52	1.16E+07 EC	11.2	1120 D	9.81	0.93 J	345636 D
2-Butanone	78-93-3	174	25.7	501	27.7	26.8	13.6	0.83 J	330
4-Ethyltoluene	622-96-8	540	0.39 U	3.93 U	3.64	0.39 U	1.13 J	0.39 U	1.57 U
4-Methyl-2-Pentanone	108-10-1	2.46 U	0.49 J	2.46 U	1.6 J	1.68 J	2.01 J	0.41 J	0.98 U
Acetone	67-64-1	2.38 U	736 D	2086	1116 D	1116 D	593 D	6.65	121148 D
Benzene	71-43-2	4153	1.44 J	51114 D	4.47	2.91	2.36	0.26 J	56.2
Carbon Disulfide	75-15-0	1.56 U	5.92	1307	15	5.29	5.92	0.16 U	94.7
Carbon Tetrachloride	56-23-5	2.52 U	0.44 J	2.52 U	0.38 J	0.38 J	0.38 J	0.38 J	1.01 U
Chloroethane	75-00-3	97.6 J	0.18 U	73.9 J	0.18 U	0.18 U	0.18 U	0.18 U	0.74 U
Chloroform	67-66-3	0.98 U	0.1 U	0.98 U	2.83	0.34 J	0.63 J	0.1 U	0.39 U
Chloromethane	74-87-3	1.24 U	0.7 J	1.24 U	1.09	0.78 J	0.95 J	0.7 J	0.5 U
cis-1,2-Dichloroethene	156-59-2	305	0.24 U	130 J	0.24 U	0.32 J	0.24 U	0.24 U	0.95 U
Cyclohexane	110-82-7	963796 D	0.34 J	103264 D	1.51 J	1.72 J	1.82	0.28 U	564
Dichlorodifluoromethane	75-71-8	74.2 J	0.89 J	1.98 U	0.89 J	0.89 J	0.84 J	0.89 J	0.79 U
Ethyl Benzene	100-41-4	117 J	1.69 J	382	3.78	1 J	2.39	1.87 J	95.6
Heptane	142-82-5	491779 D	0.98 J	13933 E	4.92	3.73	6.56	1.39 J	475
Hexane	110-54-3	1.33E+06 D	1.55 J	222033 D	8.34	7.05	7.05	0.56 J	19736 D
m/p-Xylene	179601-23-1	999	2.13 J	999	5.21	2.39 J	5.21	2.56 J	159
Methyl tert-Butyl Ether	1634-04-4	4886	0.58 J	57685 D	0.79 J	2.42	5.41	0.18 U	34.8
Methylene Chloride	75-09-2	1.74 U	1.01 J	1.74 U	1.11 J	0.76 J	1.08 J	0.76 J	0.69 U
o-Xylene	95-47-6	321	1.87 J	1216	4.26	0.87 J	2.74	0.91 J	85.1
Styrene	100-42-5	2.98 U	0.3 J	2.98 U	3.87	0.6 J	1.62 J	0.55 J	1.19 U
tert-butyl alcohol	75-65-0	3.03 U	0.91 J	3.03 U	2.43	2.97	3.64	0.55 J	48.5
Tetrachloroethene	127-18-4	2.03 U	0.2 J	33.9 J	4	8.82	10.2	0.27 J	22.8 J
Toluene	108-88-3	640	5.28	414	21.1	16.6	753 D	49	482
trans-1,2-Dichloroethene	156-60-5	150 J	0.24 U	2.38 U	0.24 U	0.24 U	0.24 U	0.24 U	0.95 U
Trichloroethene	79-01-6	2.15 U	0.21 U	2.15 U	0.38 J	0.81 J	2.58 J	0.21 U	0.86 U
Trichlorofluoromethane	75-69-4	22.5 J	1.24 J	73.1 J	15.7	4.27	2.53 J	0.84 J	51.7
Vinyl Chloride	75-01-4	1303	0.18 U	196	0.18 U	0.26 J	0.18 U	0.18 U	0.72 U
Total Concentration.		100556	147.49	86296.9	324.28	337.89	266.24	71.18	10986.1

Qualifiers

U - The compound was not detected at the indicated concentration.

N - Presumptive Evidence of a Compound

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

APPENDIX B
BORING LOGS

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY 12601
Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Peekskill Karta Environmental Consultation
LOCATION: L and L Salvage
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **LL-SB-1**
Total Depth: 7.6 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: ft.
Rock Depth: ft.
Well Depth: ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0			1	0	67%		FILL (0-3.2 ft.)	Dark brown, silty, f-m sand fill with traces of coal/ash, concrete, and rock.		
3.5								Orange-brown f-m sand. Moist.		
4.0			2	0	112%		SAND (3.2-8 ft.)	Orange-brown f-m reworked sand. Moist. Little pulverized granitic gneiss.		
7.5										Refusal at 7.6 ft.

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. Additional attempts failed at 2' and 2.7'.
2.
3

DRILLING INFORMATION
Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY 12601
Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Peekskill Karta Environmental Consultation
LOCATION: L and L Salvage
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **LL-SB-2**

Total Depth: 10 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: ft.
Rock Depth: ft.
Well Depth: ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0				0.1	75%		FILL (0-10 ft.)	Brown-dark brown, silty fine sand fill with traces of brick, concrete, rock. Dry-moist.		
0.5										
1.0										
1.5										
2.0			1							
2.5										
3.0										
3.5										
4.0										
4.5				0.1	33%			Brown to dark-brown, silty fine sand fill with traces of brick, concrete, rock, coal/ash. Moist.		
5.0										
5.5										
6.0			2							
6.5										
7.0										
7.5										
8.0										
8.5				0	42%					
9.0			3							
9.5										
10.0										
10.5										
11.0										
11.5										
12.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1.
2.
3

DRILLING INFORMATION

Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY 12601
Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Peekskill Karta Environmental Consultation
LOCATION: L and L Salvage
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **LL-SB-3**
Total Depth: 6 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: ft.
Rock Depth: ft.
Well Depth: ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0				0	33%		FILL (0-4 ft.)	Brown f-m sand. Traces of asphalt, concrete, little gneiss. Moist.		
0.5										
1.0										
1.5										
2.0			1							
2.5										
3.0										
3.5										
4.0										
4.0				0	0%		GNEISS (4-6 ft.)			No recovery.
4.5										
5.0			2							
5.5										
6.0										Refusal at 6 ft.
6.5										
7.0										
7.5										
8.0										
8.5										
9.0										
9.5										
10.0										
10.5										
11.0										
11.5										
12.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. Additional attempts failed at 3.0', 3.2', 2.0', 2.5', 2.2', 0.6', 3', 3.5', 1', 1.5', 3.2', 1.2'.
2.
3

DRILLING INFORMATION
Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY 12601
Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Peekskill Karta Environmental Consultation
LOCATION: L and L Salvage
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **LL-SB-4**
Total Depth: 7 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: ft.
Rock Depth: ft.
Well Depth: ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0				0	100%		SAND and DEBRIS (0-0.5 ft.)	Dark brown silty f-m sand with rock, glass, and metal.		
0.5										
1.0										
1.5										
2.0			1							
2.5										
3.0										
3.5										
4.0				0	89%		SAND (0.5-7 ft.)	Brown f-m reworked sand; dry with rock fragments.		
4.5										
5.0										
5.5			2							
6.0										
6.5										
7.0										Refusal at 7 ft.
7.5										
8.0										
8.5										
9.0										
9.5										
10.0										
10.5										
11.0										
11.5										
12.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1.
2.
3

DRILLING INFORMATION
Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

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PROJECT: Peekskill Karta Environmental Consultation
LOCATION: L and L Salvage
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: LL-SB-5
Total Depth: 8.9 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: ft.
Rock Depth: ft.
Well Depth: ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0			1	0	58%		SAND (0-8.9 ft.)	Dark brown, silty, fine sand with wood and rock fragments. (0-0.8 ft.)		
0.5										
1.0										
1.5										
2.0								Brown f-m reworked sand with gneiss. (0.8-5.2 ft.)		
2.5										
3.0										
3.5										
4.0			2	0	88%					
4.5										
5.0										
5.5										
6.0								Brown f-m reworked sand with many gneiss fragments. (5.2-8.9 ft.)		
6.5										
7.0										
7.5										
8.0			3	0	100%					
8.5										Refusal at 8.9 ft.
9.0										
9.5										
10.0										
10.5										
11.0										
11.5										
12.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1.
2.
3

DRILLING INFORMATION
Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY 12601
Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Peekskill Karta Environmental Consultation
LOCATION: L and L Salvage
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **LL-SB-6**

Total Depth: 10 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: ft.
Rock Depth: ft.
Well Depth: ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0			1	0	50%		FILL	Brown f-m sand, dry to moist, little asphalt, concrete, rock, coal, brick.		
3.5			2	0	39%		SAND and GNEISS	Brown f-m reworked sand, gneiss. Moist.		
8.0			3	0	58%					
10.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. Additional attempts failed at 3.8', 3.7', 5.1', 6.5'.
2.
3

DRILLING INFORMATION

Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

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PROJECT: Peekskill Karta Environmental Consultation
LOCATION: L and L Salvage
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: LL-SB-7

Total Depth: 4 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: ft.
Rock Depth: ft.
Well Depth: ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0				0	67%		SAND and DEBRIS (0-0.6 ft.)	Dark brown f-m sand with rubber, steel, concrete, glass, and rock.		
0.5										
1.0										
1.5										
2.0			1				SAND (0.6-4 ft.)	Brown to orange-brown f-m reworked sand with gneiss fragments. Dry to moist.		
2.5										
3.0										
3.5										
4.0										Refusal at 4 ft.
4.5										
5.0										
5.5										
6.0										
6.5										
7.0										
7.5										
8.0										
8.5										
9.0										
9.5										
10.0										
10.5										
11.0										
11.5										
12.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. Additional attempts failed at 3.7' and 3.5'.
2.
3

DRILLING INFORMATION

Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

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PROJECT: Peekskill Karta Environmental Consultation
LOCATION: L and L Salvage
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **LL-SB-8**
Total Depth: 6 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: ft.
Rock Depth: ft.
Well Depth: ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0				0	69%		SAND AND DEBRIS (0-1.3 ft.)	Dark brown, silty f-m reworked sand. Trace of concrete, gneiss.		
1.5							BRICK (1.3-1.7 ft.)	Brick fragments.		
2.0			1				SAND (1.7-6 ft.)	Brown f-m reworked sand and gneiss fragments. Dry-moist.		
4.0			2	0.1	33%			Brown f-m reworked sand and gneiss fragments. Moist.		Refusal at 6 ft.

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. Additional attempts failed at 3', 3', 3', 4.4'.
2.
3

DRILLING INFORMATION
Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

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PROJECT: Peekskill Karta Environmental Consultation
LOCATION: L and L Salvage
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **LL-SB-9**
Total Depth: 8.7 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: ft.
Rock Depth: ft.
Well Depth: ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0				0	100%		FILL (0-1 ft.)	Dark brown, silty, fine sand fill with plastic, glass, rock, and concrete.		
0.5										
1.0										
1.5							SAND (1-8.7 ft.)			
2.0			1					F-m brown reworked sand. Little rock and concrete. Dry.		
2.5										
3.0										
3.5										
4.0				0	25%					
4.5										
5.0										
5.5										
6.0			2					F-m brown reworked sand. Little gneiss fragments.		
6.5										
7.0										
7.5										
8.0				0	34%					
8.5			3					F-m brown reworked sand. Little gneiss fragments. Moist.		Refusal at 8.7 ft.
9.0										
9.5										
10.0										
10.5										
11.0										
11.5										
12.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. Additional attempts failed at 3.8', 3.6', and 3.9'.
2.
3

DRILLING INFORMATION
Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

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PROJECT: Peekskill Karta Environmental Consultation
LOCATION: 1011 Lower South Street
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **1011-SB-1**

Total Depth: 10 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: na ft.
Rock Depth: na ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0				0	75%		ASPHALT (0-0.5 ft.)	Asphalt		
0.5							FILL (0.5-6.9 ft.)	Dark-grey silty sand fill with tile, rock, brick, and concrete.		
1.0										
1.5										
2.0			1							
2.5										
3.0										
3.5								Moist to wet.		
4.0				0	40%					
4.5										
5.0										
5.5										
6.0			2							
6.5										
7.0										
7.5							GNEISS (6.9-8 ft.)	Gneiss fragments.		
8.0				0	75%					
8.5							FILL (8-10 ft.)	Dark-grey silty sand fill with tile, rock, brick. Moist to wet.		
9.0			3							
9.5										
10.0										
10.5										
11.0										
11.5										
12.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1.
2.
3

DRILLING INFORMATION

Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

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PROJECT: Peekskill Karta Environmental Consultation
LOCATION: 1011 Lower South Street
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **1011-SB-2**
Total Depth: 8.2 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: na ft.
Rock Depth: na ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0				0.1	92%		Fill (0-5.3 ft.)	Brown to grey-brown fine sand fill with brick, tile, rock.		
2.0			1					Black, fine, sandy silt with wood and rock.		
4.0				0	92%			Black, fine, sandy silt with wood and rock. Wet.		
5.5			2				Fill (5.3-6.8 ft.)	Dark grey, fine sand and silt with rock fragments and traces of wood.		
7.0							TILL and SILT (6.8-8 ft.)	Grey till/silt matrix. Also a little fine sand with gravel and gneiss fragments.		
8.0										Refusal at 8.2 ft.

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1.
2.
3

DRILLING INFORMATION

Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES
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Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Peekskill Karta Environmental Consultation
LOCATION: 1011 Lower South Street
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **1011-SB-3**
Total Depth: 6.5 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na
Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: na ft.
Rock Depth: na ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0			1	0	83%		ASPHALT (0-0.5 ft.)	Asphalt		
0.5										
1.0							FILL (0.7-4.4 ft.)	Black, fine, sandy silt and wood. Burnt/septic odor.		
1.5								F-m sand with brick, rock, and concrete.		
2.0										
2.5								Black, fine, sandy silt with brick and rock.		
3.0										
3.5										
4.0			2	0.1	97%					
4.5							WOOD (4.4-5.3 ft.)	Decomposed wood chips.		
5.0										
5.5							FILL (5.3-6.5 ft.)	Black, fine, sandy silt with brick and rock.		
6.0										
6.5										
7.0										
7.5										
8.0										
8.5										
9.0										
9.5										
10.0										
10.5										
11.0										
11.5										
12.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. Additional attempt failed at 2.3'.
2.
3

DRILLING INFORMATION
Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES
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Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Peekskill Karta Environmental Consultation
LOCATION: 1011 Lower South Street
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **1011-SB-4**

Total Depth: 3.5 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: na ft.
Rock Depth: na ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0				0.1	93%					
0.5								Brown f-m sand with brick, rock, tile, wood.		
1.0										
1.5			1				FILL (0-3.5 ft.)			
2.0								Sandy silt; fine, dark brown to black, with little gneiss and wood. Burnt/septic odors.		
2.5										
3.0										
3.5										Refusal at 3.5 ft.
4.0										
4.5										
5.0										
5.5										
6.0										
6.5										
7.0										
7.5										
8.0										
8.5										
9.0										
9.5										
10.0										
10.5										
11.0										
11.5										
12.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. Additional attempts failed at 3.7', 2.2', 3.5'.
2.
3

DRILLING INFORMATION

Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

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Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Peekskill Karta Environmental Consultation
LOCATION: 1011 Lower South Street
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **1011-SB-5**
Total Depth: 6.2 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na
Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: ft.
Rock Depth: ft.
Well Depth: ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
				0	100%		ASPHALT (0-0.5 ft.)	Asphalt (0-0.5 ft)		
0.5										
1.0								Dark grey f-m sand fill with with brick, rock. (0.5-1.8 ft.)		
1.5			1				FILL (0.5-3.4 ft.)			
2.0										
2.5								Brown, f-m sand with gneiss fragments.		
3.0										
3.5										Refusal at 3.4 ft.
4.0										
4.5										
5.0										
5.5										
6.0										
6.5										
7.0										
7.5										
8.0										
8.5										
9.0										
9.5										
10.0										
10.5										
11.0										
11.5										
12.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. Additional attempts failed at 1.5', 1.7', and 1.8'.
2.
3

DRILLING INFORMATION
Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

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PROJECT: Peekskill Karta Environmental Consultation
LOCATION: 1011 Lower South Street
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **1011-SB-6**
Total Depth: 6.2 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: in.
Water Depth: ft.
Rock Depth: ft.
Well Depth: ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0				0	63%		ASPHALT and FILL (0-6.2 ft)	Asphalt/base.		
0.5										
1.0										
1.5										
2.0			1					Brown fill, f-m sand with brick, rock, asphalt.		
2.5										
3.0										
3.5										
4.0										
4.0				0	100%			Brown fill, f-m sand with brick, rock, asphalt. Moist.		
4.5										
5.0			2							
5.5										
6.0										Refusal at 6.2 ft.
6.5										
7.0										
7.5										
8.0										
8.5										
9.0										
9.5										
10.0										
10.5										
11.0										
11.5										
12.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1.
2.
3

DRILLING INFORMATION
Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY 12601
Phn: (845) 454-3980
Fax: (845) 454-4026

PROJECT: Peekskill Karta Environmental Consultation
LOCATION: 1011 Lower South Street
CLIENT: City of Peekskill
PROJECT NO.: 81323.07

Test Boring No.: **1011-SB-7**
Total Depth: 4.5 ft.

Contractor: Todd J. Syska Inc.
Drill Rig: Geoprobe
Driller: Todd Syska
Geologist: Eric Orlowski

Start Date: May 22, 2014
Finish Date: May 22, 2014
El. Datum: na
G.S. Elevation: na

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: ft.
Rock Depth: ft.
Well Depth: ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(%)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
0					92%		ASPHALT (0-0.5 ft)	Asphalt/base.		
0.5										
1.0										
1.5										
2.0			1				FILL (0.5-4 ft)	Brown, f-m sand with fill material (e.g. brick, rock, glass, wood.)		
2.5										
3.0										
3.5										
4.0			2	0	66%					
4.5										Refusal at 4.5 ft
5.0										
5.5										
6.0										
6.5										
7.0										
7.5										
8.0										
8.5										
9.0										
9.5										
10.0										
10.5										
11.0										
11.5										
12.0										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD NOTES:
1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
2. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. Additional attempts failed at 3.9' and 3.9'.
2.
3

DRILLING INFORMATION
Method:
Method:

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

APPENDIX C
LABORATORY REPORTS

Customer ID : CHAZ02, Customer Name : Chazen Companies, Project ID : Karta
Summary for Order F2341

Soil Criteria

SamplingDate	Sample	[NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)]	[NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)]	[NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)]	Comment
5/13/2014	LL-SB-1(0-2)	☒	☒	☒	METALs, SVOC-TCL BNA -20
5/13/2014	LL-SB-1(0-2)RE	✓	✓	✓	
5/13/2014	LL-SB-1(4-8)	✓	✓	✓	
5/13/2014	LL-SB-1(4-8)RE	✓	✓	✓	
5/13/2014	LL-SB-2(0-2)	☒	☒	☒	METALs, SVOC-TCL BNA -20
5/13/2014	LL-SB-2(0-2)RE	✓	✓	✓	
5/13/2014	LL-SB-2(4-8)	✓	✓	☒	METALs
5/13/2014	LL-SB-2(4-8)RE	✓	✓	✓	
5/13/2014	LL-SB-3(0-2)	✓	✓	☒	METALs
5/13/2014	LL-SB-6(0-2)	☒	☒	☒	METALs, SVOC-TCL BNA -20
5/13/2014	LL-SB-6(0-2)RE	✓	✓	✓	
5/13/2014	LL-SB-6A(8-10)	☒	☒	☒	METALs, SVOC-TCL BNA -20
5/13/2014	LL-SB-6A(8-10)RE	✓	✓	✓	
5/13/2014	LL-SB-7(0-2)	✓	✓	✓	
5/13/2014	LL-SB-8(0-2)	✓	✓	☒	METALs
5/13/2014	LL-SB-8(0-2)RE	✓	✓	✓	
5/13/2014	LL-SB-8(4-6)	✓	✓	✓	
5/13/2014	LL-SB-8(4-6)RE	✓	✓	✓	
5/13/2014	LL-SB-9(0-2)	✓	✓	☒	METALs, PCB
5/13/2014	LL-SB-9(0-2)RE	✓	✓	✓	
5/13/2014	LL-SB-9(4-8)	✓	✓	☒	METALs
5/14/2014	LL-SB-4(0-2)	✓	✓	☒	METALs
5/14/2014	LL-SB-4(0-2)RE	✓	✓	✓	
5/14/2014	LL-SB-4(4-6.8)	☒	✓	☒	METALs
5/14/2014	LL-SB-5(0-2)	✓	✓	☒	METALs
5/14/2014	LL-SB-5(6-8)	☒	☒	☒	METALs

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax: (908) 789-8922 www.chemtech.net

The comparison of the regulatory limits in this report reflect the current Chemtech Consulting Group Inc. knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID		NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)	LL-SB-1(0-2)	LL-SB-1(0-2)RE	LL-SB-1(4-8)	LL-SB-1(4-8)RE	LL-SB-2(0-2)	LL-SB-2(0-2)RE	LL-SB-2(4-8)	LL-SB-2(4-8)RE	LL-SB-3(0-2)	LL-SB-4(0-2)	LL-SB-4(0-2)RE	LL-SB-4(4-6.8)	LL-SB-5(0-2)	LL-SB-5(6-8)	LL-SB-6(0-2)	LL-SB-6(0-2)RE	LL-SB-6A(8-10)	LL-SB-6A(8-10)RE	LL-SB-7(0-2)	LL-SB-8(0-2)	LL-SB-8(0-2)RE	LL-SB-8(4-6)	LL-SB-8(4-6)RE	LL-SB-9(0-2)	LL-SB-9(0-2)RE	LL-SB-9(4-8)
Lab Sample Number					F2341-01	F2341-01RE	F2341-02	F2341-02RE	F2341-03	F2341-03RE	F2341-04	F2341-04RE	F2341-05	F2341-06	F2341-06RE	F2341-07	F2341-08	F2341-09	F2341-10	F2341-10RE	F2341-11	F2341-11RE	F2341-12	F2341-13	F2341-13RE	F2341-14	F2341-14RE	F2341-15	F2341-15RE	F2341-16
Sampling Date					5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
COMPOUND	CAS #																												
Dichlorodifluoromethane	75-71-8				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Chloromethane	74-87-3				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Vinyl Chloride	75-01-4	0.21	0.9	0.02	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Bromomethane	74-83-9				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Chloroethane	75-00-3				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Trichlorofluoromethane	75-69-4				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,1,2-Trichlorotrifluoroethane	76-13-1	100			0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,1-Dichloroethene	75-35-4	100	100	0.33	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Acetone	67-64-1	100	100	0.05	**0.0092 J**	0.0285 U	0.0230 U	**0.0103 J**	0.0221 U	0.0300 U	**0.0167 J**	0.0248 U	0.0256 U	0.0293 U	0.0289 U	**0.0120 J**	0.0268 U	**0.0194 J**	0.0219 U	0.0246 U	0.0234 U	**0.0080 J**	0.0243 U	**0.0053 J**	0.0226 U	0.0226 U	0.0212 U	0.0280 U	0.0240 U	0.0229 U
Carbon Disulfide	75-15-0	100			0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Methyl tert-butyl Ether	1634-04-4	62	100	0.93	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Methyl Acetate	79-20-9				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Methylene Chloride	75-09-2	51	100	0.05	0.0054 U	0.0057 U	0.0046 U	0.0064 U	**0.0014 J**	0.0060 U	0.0049 U	**0.0011 J**	0.0051 U	0.0059 U	**0.0012 J**	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	**0.0016 J**	**0.0011 J**	**0.0011 J**	0.0045 U	0.0045 U	0.0042 U	**0.0014 J**	0.0048 U	0.0046 U
trans-1,2-Dichloroethene	156-60-5	100	100	0.19	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,1-Dichloroethane	75-34-3	19	26	0.27	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Cyclohexane	110-82-7				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
2-Butanone	78-93-3	100	100	0.12	0.0268 U	0.0285 U	0.0230 U	0.0320 U	0.0221 U	0.0300 U	0.0245 U	0.0248 U	0.0256 U	0.0293 U	0.0289 U	0.0241 U	0.0268 U	0.0238 U	0.0219 U	0.0246 U	0.0234 U	0.0265 U	0.0243 U	0.0240 U	0.0226 U	0.0226 U	0.0212 U	0.0280 U	0.0240 U	0.0229 U
Carbon Tetrachloride	56-23-5	1.4	2.4	0.76	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
cis-1,2-Dichloroethene	156-59-2	59	100	0.25	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Bromochloromethane	74-97-5				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Chloroform	67-66-3	10	49	0.37	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,1,1-Trichloroethane	71-55-6	100	100	0.68	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Methylcyclohexane	108-87-2				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Benzene	71-43-2	2.9	4.8	0.06	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,2-Dichloroethane	107-06-2	2.3	3.1	0.02	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Trichloroethene	79-01-6	10	21	0.47	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,2-Dichloropropane	78-87-5				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Bromodichloromethane	75-27-4				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
4-Methyl-2-Pentanone	108-10-1				0.0268 U	0.0285 U	0.0230 U	0.0320 U	0.0221 U	0.0300 U	0.0245 U	0.0248 U	0.0256 U	0.0293 U	0.0289 U	0.0241 U	0.0268 U	0.0238 U	0.0219 U	0.0246 U	0.0234 U	0.0265 U	0.0243 U	0.0240 U	0.0226 U	0.0226 U	0.0212 U	0.0280 U	**0.0115 J**	**0.0101 J**
Toluene	108-88-3	100	100	0.7	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	**0.0015 J**	0.0046 U
t-1,3-Dichloropropene	10061-02-6				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
cis-1,3-Dichloropropene	10061-01-5				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,1,2-Trichloroethane	79-00-5				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
2-Hexanone	591-78-6				0.0268 U	0.0285 U	0.0230 U	0.0320 U	0.0221 U	0.0300 U	0.0245 U	0.0248 U	0.0256 U	0.0293 U	0.0289 U	0.0241 U	0.0268 U	0.0238 U	0.0219 U	0.0246 U	0.0234 U	0.0265 U	0.0243 U	0.0240 U	0.0226 U	0.0226 U	0.0212 U	0.0280 U	0.0240 U	0.0229 U
Dibromochloromethane	124-48-1				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,2-Dibromoethane	106-93-4				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Tetrachloroethene	127-18-4	5.5	19	1.3	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Chlorobenzene	108-90-7	100	100	1.1	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Ethyl Benzene	100-41-4	30	41	1	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	**0.0033 J**	0.0046 U
m/p-Xylenes	179601-23-1				0.0107 U	0.0114 U	0.0092 U	0.0128 U	0.0088 U	0.0120 U	0.0098 U	0.0099 U	0.0102 U	0.0117 U	0.0116 U	0.0097 U	0.0107 U	0.0095 U	0.0087 U	0.0099 U	0.0094 U	0.0106 U	0.0097 U	0.0096 U	0.0090 U	0.0091 U	0.0085 U	0.0112 U	0.0096 U	0.0091 U
o-Xylene	95-47-6	100	100	0.26	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Styrene	100-42-5				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	**0.0034 J**	0.0046 U
Bromoform	75-25-2				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
Isopropylbenzene	98-82-8	100			0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,1,2,2-Tetrachloroethane	79-34-5	35			0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,3-Dichlorobenzene	541-73-1	17	49	2.4	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,2-Dichlorobenzene	95-50-1	100	100	1.1	0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,2-Dibromo-3-Chloropropane	96-12-8				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,2,4-Trichlorobenzene	120-82-1				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,2,3-Trichlorobenzene	87-61-6				0.0054 U	0.0057 U	0.0046 U	0.0064 U	0.0044 U	0.0060 U	0.0049 U	0.0050 U	0.0051 U	0.0059 U	0.0058 U	0.0048 U	0.0054 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0053 U	0.0049 U	0.0048 U	0.0045 U	0.0045 U	0.0042 U	0.0056 U	0.0048 U	0.0046 U
1,4-Dioxane	123-91-1	9.8	13	0.1	0.110 U	0.110 U	0.0918 U	0.130 U	0.0885 U	0.120 U	0.0979 U	0.0991 U	0.100 U	0.120 U	0.120 U	0.0965 U	0.110 U	0.0951 U	0.0875 U	0.0985 U	0.0936 U	0.110 U	0.0972 U	0.0959 U	0.0904 U	0.0906 U	0.0847 U	0.110 U	0.0959 U	0.0915 U
Total TICs						0.01									0.03														

Qualifiers

U - The compound was not detected at the indicated concentration.

N (Organics) - Presumptive Evidence of a Compound

N (Inorganics) - The matrix spike recovery was outside control limits

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* (Organics) - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

* (Inorganics) - The sample/duplicate %RPD was above the control limit.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

Q - indicates LCS control criteria did not meet requirements.

NR - Not analyzed

CHEMTECH

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The comparison of the regulatory limits in this report reflect the current Chemtech Consulting Group Inc. knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID		NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)	LL-SB-1(0-2)	LL-SB-1(4-8)	LL-SB-2(0-2)	LL-SB-2(4-8)	LL-SB-3(0-2)	LL-SB-4(0-2)	LL-SB-4(4-6.8)	LL-SB-5(0-2)	LL-SB-5(6-8)	LL-SB-6(0-2)	LL-SB-6A(8-10)	LL-SB-7(0-2)	LL-SB-8(0-2)	LL-SB-8(4-6)	LL-SB-9(0-2)	LL-SB-9(4-8)
Lab Sample Number					F2341-01	F2341-02	F2341-03	F2341-04	F2341-05	F2341-06	F2341-07	F2341-08	F2341-09	F2341-10	F2341-11	F2341-12	F2341-13	F2341-14	F2341-15	F2341-16
Sampling Date					5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
COMPOUND	CAS #																			
Benzaldehyde	100-52-7				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Phenol	108-95-2	100	100	0.33	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
bis(2-Chloroethyl)ether	111-44-4				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2-Chlorophenol	95-57-8	100			0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2-Methylphenol	95-48-7	100	100	0.33	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,2-oxybis(1-Chloropropane)	108-60-1				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Acetophenone	98-86-2				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
3+4-Methylphenols	65794-96-9				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
n-Nitroso-di-n-propylamine	621-64-7				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Hexachloroethane	67-72-1				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Nitrobenzene	98-95-3	3.7	15		0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Isophorone	78-59-1	100			0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2-Nitrophenol	88-75-5				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,4-Dimethylphenol	105-67-9				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
bis(2-Chloroethoxy)methane	111-91-1				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,4-Dichlorophenol	120-83-2	100			0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Naphthalene	91-20-3	100	100	12	0.370 U	0.350 U	0.53	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.67	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4-Chloroaniline	106-47-8	100			0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Hexachlorobutadiene	87-68-3				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Caprolactam	105-60-2				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4-Chloro-3-methylphenol	59-50-7				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2-Methylnaphthalene	91-57-6	0.41			0.370 U	0.350 U	0.41	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.61	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Hexachlorocyclopentadiene	77-47-4				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,4,6-Trichlorophenol	88-06-2				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,4,5-Trichlorophenol	95-95-4	100			0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
1,1-Biphenyl	92-52-4				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.120 J	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2-Chloronaphthalene	91-58-7				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2-Nitroaniline	88-74-4				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Dimethylphthalate	131-11-3	100			0.240 J	0.190 J	0.270 J	3.80 U	0.370 J	0.340 J	0.150 J	0.160 J	0.100 J	0.170 J	0.190 J	0.35	0.0906 J	0.0878 J	0.120 J	0.110 J
Acenaphthylene	208-96-8	100	100	100	0.98	0.350 U	3.10 JD	1.10 J	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	4.50 JD	0.69	0.350 U	0.360 U	0.0773 J	0.360 U	0.360 U
2,6-Dinitrotoluene	606-20-2	1.03			0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
3-Nitroaniline	99-09-2				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Acenaphthene	83-32-9	100	100	20	0.0880 J	0.350 U	0.85	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.8	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,4-Dinitrophenol	51-28-5	100			0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4-Nitrophenol	100-02-7				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Dibenzofuran	132-64-9	14	59	7	0.370 U	0.350 U	0.45	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	1.3	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,4-Dinitrotoluene	121-14-2				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Diethylphthalate	84-66-2	100			0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4-Chlorophenyl-phenylether	7005-72-3				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Fluorene	86-73-7	100	100	30	0.210 J	0.350 U	1.8	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	2.5	0.120 J	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4-Nitroaniline	100-01-6				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4,6-Dinitro-2-methylphenol	534-52-1				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
n-Nitrosodiphenylamine	86-30-6				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
4-Bromophenyl-phenylether	101-55-3				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Hexachlorobenzene	118-74-1	0.41	1.2	0.33	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Atrazine	1912-24-9				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Pentachlorophenol	87-86-5	2.4	6.7	0.8	0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Phenanthrene	85-01-8	100	100	100	2.2	0.350 U	21.9 D	3.80 U	0.0889 J	0.430 U	0.350 U	0.250 J	0.350 U	8.90 D	1.4	0.350 U	0.0869 J	0.130 J	0.360 U	1
Anthracene	120-12-7	100	100	100	1.1	0.350 U	5.20 JD	3.80 U	0.420 U	0.430 U	0.350 U	0.0758 J	0.350 U	3.60 JD	0.57	0.350 U	0.360 U	0.360 U	0.360 U	0.170 J
Carbazole	86-74-8				0.120 J	0.350 U	0.74	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	1.6	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.0772 J
Di-n-butylphthalate	84-74-2	100			0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Fluoranthene	206-44-0	100	100	100	4.20 D	0.350 U	26.2 D	0.790 J	0.240 J	0.430 U	0.350 U	0.330 J	0.350 U	25.1 D	2.5	0.350 U	0.210 J	0.220 J	0.360 U	1.6
Pyrene	129-00-0	100	100	100	5.00 D	0.350 U	21.8 D	3.80 U	0.200 J	0.430 U	0.350 U	0.350 J	0.350 U	27.3 D	2.7	0.350 U	0.180 J	0.230 J	0.0870 J	1.3
Butylbenzylphthalate	85-68-7	100			0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.130 J	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	2	0.360 U
3,3-Dichlorobenzidine	91-94-1				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Benzo(a)anthracene	56-55-3	1	1	1	2.4	0.350 U	13.6 D	3.80 U	0.160 J	0.430 U	0.350 U	0.200 J	0.350 U	12.6 D	1.5	0.350 U	0.130 J	0.140 J	0.360 U	0.64
Chrysene	218-01-9	1	3.9	1	1.9	0.350 U	12.2 D	3.80 U	0.120 J	0.430 U	0.350 U	0.210 J	0.350 U	10.8 D	1.5	0.350 U	0.110 J	0.130 J	0.360 U	0.61
Bis(2-ethylhexyl)phthalate	117-81-7	50			0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.110 J	0.350 U	0.360 U	0.110 J	0.350 U	0.360 U	0.360 U	0.220 J	0.0938 J
Di-n-octyl phthalate	117-84-0	100			0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Benzo(b)fluoranthene	205-99-2	1	1	1	2	0.350 U	14.8 D	0.800 J	0.180 J	0.430 U	0.350 U	0.280 J	0.350 U	23.3 D	1.5	0.350 U	0.150 J	0.160 J	0.120 J	0.84
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	0.98	0.350 U	4.90 JD	3.80 U	0.420 U	0.430 U	0.350 U	0.0822 J	0.350 U	7.60 D	0.66	0.350 U	0.360 U	0.360 U	0.360 U	0.190 J
Benzo(a)pyrene	50-32-8	1	1	1	2	0.350 U	11.0 D	3.80 U	0.140 J	0.430 U	0.350 U	0.220 J	0.350 U	18.7 D	1.3	0.350 U	0.120 J	0.140 J	0.360 U	0.57
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	0.87	0.350 U	6.30 JD	3.80 U	0.0889 J	0.430 U	0.350 U	0.130 J	0.350 U	11.6 D	0.63	0.350 U	0.360 U	0.0911 J	0.100 J	0.37
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.280 J	0.350 U	0.93	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.6	0.220 J	0.350 U	0.360 U	0.360 U	0.360 U	0.0815 J
Benzo(g,h,i)perylene	191-24-2	100	100	100	1.3	0.350 U	7.60 D	3.80 U	0.110 J	0.430 U	0.350 U	0.170 J	0.350 U	14.1 D	0.78	0.350 U	0.0935 J	0.120 J	0.190 J	0.42
1,2,4,5-Tetrachlorobenzene	95-94-3				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
2,3,4,6-Tetrachlorophenol	58-90-2				0.370 U	0.350 U	0.370 U	3.80 U	0.420 U	0.430 U	0.350 U	0.370 U	0.350 U	0.360 U	0.360 U	0.350 U	0.360 U	0.360 U	0.360 U	0.360 U
Total TICs					25.78	10.86	28.07	18.8	27.94	18.92	9.4	21.71	4.06	24.5	27.82	14.32	19.81	20.29	32.13	19.95

Qualifiers

U - The compound was not detected at the indicated concentration.

N (Organics) - Presumptive Evidence of a Compound

N (Inorganics) - The matrix spike recovery was outside control limits

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* (Organics) - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

* (Inorganics) - The sample/duplicate %RPD was above the control limit.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

Q - indicates LCS control criteria did not meet requirements.

NR - Not analyzed

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The comparison of the regulatory limits in this report reflect the current Chemtech Consulting Group Inc. knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID		NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)	LL-SB-1(0-2)	LL-SB-1(4-8)	LL-SB-2(0-2)	LL-SB-2(4-8)	LL-SB-3(0-2)	LL-SB-4(0-2)	LL-SB-4(4-6.8)	LL-SB-5(0-2)	LL-SB-5(6-8)	LL-SB-6(0-2)	LL-SB-6A(8-10)	LL-SB-7(0-2)	LL-SB-8(0-2)	LL-SB-8(4-6)	LL-SB-9(0-2)	LL-SB-9(4-8)
Lab Sample Number					F2341-01	F2341-02	F2341-03	F2341-04	F2341-05	F2341-06	F2341-07	F2341-08	F2341-09	F2341-10	F2341-11	F2341-12	F2341-13	F2341-14	F2341-15	F2341-16
Sampling Date					5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
COMPOUND	CAS #																			
Aroclor-1016	12674-11-2	1	1	0.1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0193 U	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.0184 U	0.0184 U
Aroclor-1221	11104-28-2	1	1	0.1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0193 U	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.0184 U	0.0184 U
Aroclor-1232	11141-16-5	1	1	0.1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0193 U	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.0184 U	0.0184 U
Aroclor-1242	53469-21-9	1	1	0.1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0193 U	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.0184 U	0.0184 U
Aroclor-1248	12672-29-6	1	1	0.1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0193 U	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.0184 U	0.0184 U
Aroclor-1254	11097-69-1	1	1	0.1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0561 P	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.18	0.0184 U
Aroclor-1260	11096-82-5	1	1	0.1	0.0191 U	0.0182 U	0.0191 U	0.0196 U	0.0215 U	0.0219 U	0.0179 U	0.0193 U	0.0179 U	0.0188 U	0.0185 U	0.0178 U	0.0187 U	0.0185 U	0.0184 U	0.0184 U

Total TICs

Qualifiers

U - The compound was not detected at the indicated concentration.

N (Organics) - Presumptive Evidence of a Compound

N (Inorganics) - The matrix spike recovery was outside control limits

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* (Organics) - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

* (Inorganics) - The sample/duplicate %RPD was above the control limit.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

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The comparison of the regulatory limits in this report reflect the current Chemtech Consulting Group Inc. knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

		NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)																
Sample ID					LL-SB-1(0-2)	LL-SB-1(4-8)	LL-SB-2(0-2)	LL-SB-2(4-8)	LL-SB-3(0-2)	LL-SB-4(0-2)	LL-SB-4(4-6.8)	LL-SB-5(0-2)	LL-SB-5(6-8)	LL-SB-6(0-2)	LL-SB-6A(8-10)	LL-SB-7(0-2)	LL-SB-8(0-2)	LL-SB-8(4-6)	LL-SB-9(0-2)	LL-SB-9(4-8)
Lab Sample Number					F2341-01	F2341-02	F2341-03	F2341-04	F2341-05	F2341-06	F2341-07	F2341-08	F2341-09	F2341-10	F2341-11	F2341-12	F2341-13	F2341-14	F2341-15	F2341-16
Sampling Date					5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014	5/13/2014
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
COMPOUND	CAS #																			
Arsenic	7440-38-2	16	16	13	6.14	1.54	4.61	4.63	4.67	2	1.46	2.57	1.18	4.07	2.41	0.650 J	3.33	1.79	3.17	2.63
Barium	7440-39-3	350	400	350	187	270	112	89.6	157	144	380	258	658	176	281	162	162	204	192	140
Cadmium	7440-43-9	2.5	4.3	2.5	0.294	0.270 U	0.280 U	0.151 J	0.281 J	1.22	0.270 U	0.664	0.260 U	1.4	0.280 U	0.260 U	0.270 U	0.280 U	0.382	0.270 U
Chromium	7440-47-3				21.3	37	15.1	20.6	33.1	26.7	36	41	46.3	35.2	20.9	39.9	20.9	19.4	19.1	18.1
Lead	7439-92-1	400	400	63	879	0.649	141	287	118	111	0.686	216	0.460 J	304	63.6	51.4	73.1	13.3	81.5	70.4
Mercury	7439-97-6	0.81	0.81	0.18	0.207	0.0090 J	0.101	0.103	0.064	0.056	0.0050 J	0.206	0.0060 J	0.183	0.434	0.038	0.076	0.02	0.047	0.041
Selenium	7782-49-2	36	180	3.9	1.53	1.49	1.26	1.13	1.3	2.46	1.73	1.57	1.46	1.32	1.03	1.17	1.17	0.855 J	1.24	1.05
Silver	7440-22-4	36	180	2	0.491	0.427 J	0.439 J	0.364 J	0.575	1.08	0.395 J	0.782	0.430 U	0.788	0.228 J	0.309 J	0.344 J	0.460 U	0.339 J	0.202 J

Total TICs

Qualifiers

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B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* (Organics) - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

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E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

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D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

Q - indicates LCS control criteria did not meet requirements.

NR - Not analyzed

Customer ID : CHAZ02, Customer Name : Chazen Companies, Project ID : Karta
Summary for Order F2336

Soil Criteria

SamplingDate	Sample	[NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)]	[NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)]	[NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)]	Comment
5/14/2014	1011-SB-1(8-10)	☒	☒	☒	METALs, SVOC-TCL BNA -20, VOC-TCLVOA-10
5/14/2014	1011-SB-1(8-10)RE	✓	✓	☒	VOC-TCLVOA-10
5/14/2014	1011-SB-2(4-8)	☒	✓	☒	PCB, SVOC-TCL BNA -20, VOC-TCLVOA-10
5/14/2014	1011-SB-2(4-8)RE	✓	✓	☒	VOC-TCLVOA-10
5/14/2014	1011-SB-3(4-6.5)	☒	☒	☒	METALs, PCB, SVOC-TCL BNA -20, VOC-TCLVOA-10
5/14/2014	1011-SB-4(1.5-3.5)	☒	☒	☒	METALs, PCB, SVOC-TCL BNA -20, VOC-TCLVOA-10
5/14/2014	1011-SB-4(1.5-3.5)RE	✓	✓	☒	VOC-TCLVOA-10
5/14/2014	1011-SB-5(1.5-3.4)	☒	☒	☒	METALs
5/14/2014	1011-SB-6(4-6.2)	☒	☒	☒	METALs, VOC-TCLVOA-10
5/14/2014	1011-SB-7(2-4)	✓	✓	✓	
5/14/2014	1011-SB-DUP	☒	☒	☒	METALs

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The comparison of the regulatory limits in this report reflect the current Chemtech Consulting Group Inc. knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID		NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)	1011-SB-1(8-10)	1011-SB-1(8-10)RE	1011-SB-2(4-8)	1011-SB-2(4-8)RE	1011-SB-3(4-6.5)	1011-SB-4(1.5-3.5)	1011-SB-4(1.5-3.5)RE	1011-SB-5(1.5-3.4)	1011-SB-6(4-6.2)	1011-SB-7(2-4)	1011-SB-DUP
Lab Sample Number					F2336-01	F2336-01RE	F2336-02	F2336-02RE	F2336-03	F2336-06	F2336-06RE	F2336-07	F2336-08	F2336-09	F2336-10
Sampling Date					5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
COMPOUND	CAS #														
Dichlorodifluoromethane	75-71-8				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Chloromethane	74-87-3				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Vinyl Chloride	75-01-4	0.21	0.9	0.02	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Bromomethane	74-83-9				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Chloroethane	75-00-3				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Trichlorofluoromethane	75-69-4				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	**0.0015 J**	**0.0036 J**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,1,2-Trichlorotrifluoroethane	76-13-1	100			0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,1-Dichloroethene	75-35-4	100	100	0.33	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Acetone	67-64-1	100	100	0.05	**0.089**	**0.15**	**0.0776**	**0.0825**	**0.19**	**0.29**	**0.42**	**0.0302**	**0.35**	**0.0128 J**	**0.0377**
Carbon Disulfide	75-15-0	100			**0.0062**	**0.0124**	**0.0055**	**0.0099**	**0.0071**	**0.0745**	**0.0911**	0.0054 U	**0.0045 J**	0.0056 U	0.0055 U
Methyl tert-butyl Ether	1634-04-4	62	100	0.93	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Methyl Acetate	79-20-9				0.0049 U	0.0051 U	**0.0028 J**	**0.0038 J**	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Methylene Chloride	75-09-2	51	100	0.05	**0.0011 J**	**0.0023 J**	0.0051 U	0.0055 U	0.0054 U	0.0067 U	**0.0025 J**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
trans-1,2-Dichloroethene	156-60-5	100	100	0.19	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,1-Dichloroethane	75-34-3	19	26	0.27	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Cyclohexane	110-82-7				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
2-Butanone	78-93-3	100	100	0.12	**0.0222 J**	**0.0319**	**0.0150 J**	**0.0137 J**	**0.0393**	**0.0748**	**0.0941**	0.0269 U	**0.0802**	0.0280 U	0.0275 U
Carbon Tetrachloride	56-23-5	1.4	2.4	0.76	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
cis-1,2-Dichloroethene	156-59-2	59	100	0.25	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	**0.0020 J**	**0.0020 J**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Bromochloromethane	74-97-5				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Chloroform	67-66-3	10	49	0.37	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,1,1-Trichloroethane	71-55-6	100	100	0.68	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Methylcyclohexane	108-87-2				0.0049 U	0.0051 U	**0.0052**	**0.0036 J**	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Benzene	71-43-2	2.9	4.8	0.06	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	**0.0016 J**	**0.0018 J**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2-Dichloroethane	107-06-2	2.3	3.1	0.02	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Trichloroethene	79-01-6	10	21	0.47	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	**0.0032 J**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2-Dichloropropane	78-87-5				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Bromodichloromethane	75-27-4				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
4-Methyl-2-Pentanone	108-10-1				**0.0126 J**	**0.0115 J**	**0.0093 J**	**0.0120 J**	**0.0083 J**	**0.0084 J**	**0.0182 J**	**0.0052 J**	**0.0098 J**	**0.0073 J**	0.0275 U
Toluene	108-88-3	100	100	0.7	0.0049 U	0.0051 U	**0.0010 J**	**0.0017 J**	0.0054 U	**0.0114**	**0.0143**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
t-1,3-Dichloropropene	10061-02-6				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
cis-1,3-Dichloropropene	10061-01-5				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,1,2-Trichloroethane	79-00-5				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
2-Hexanone	591-78-6				0.0247 U	0.0256 U	0.0253 U	0.0274 U	0.0269 U	0.0336 U	0.0284 U	0.0269 U	0.0248 U	0.0280 U	0.0275 U
Dibromochloromethane	124-48-1				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2-Dibromoethane	106-93-4				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Tetrachloroethene	127-18-4	5.5	19	1.3	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	**0.0058 J**	**0.0056 J**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Chlorobenzene	108-90-7	100	100	1.1	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	**0.0029 J**	**0.0027 J**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Ethyl Benzene	100-41-4	30	41	1	0.0049 U	0.0051 U	**0.0081**	**0.0095**	0.0054 U	**0.0259**	**0.0282**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
m/p-Xylenes	179601-23-1				0.0099 U	0.0102 U	0.0101 U	**0.0124**	0.0107 U	**0.0185**	**0.0213**	0.0107 U	0.0099 U	0.0112 U	0.0110 U
o-Xylene	95-47-6	100	100	0.26	0.0049 U	0.0051 U	**0.0027 J**	**0.0050 J**	**0.0021 J**	**0.0274**	**0.0286**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Styrene	100-42-5				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	**0.0074**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Bromoform	75-25-2				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
Isopropylbenzene	98-82-8	100			0.0049 U	0.0051 U	**0.0176**	**0.0247**	**0.0029 J**	**0.0255**	**0.0262**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,1,2,2-Tetrachloroethane	79-34-5	35			0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,3-Dichlorobenzene	541-73-1	17	49	2.4	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	**0.0214**	**0.0185**	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2-Dichlorobenzene	95-50-1	100	100	1.1	0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2-Dibromo-3-Chloropropane	96-12-8				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2,4-Trichlorobenzene	120-82-1				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,2,3-Trichlorobenzene	87-61-6				0.0049 U	0.0051 U	0.0051 U	0.0055 U	0.0054 U	0.0067 U	0.0057 U	0.0054 U	0.0050 U	0.0056 U	0.0055 U
1,4-Dioxane	123-91-1	9.8	13	0.1	0.0990 U	0.100 U	0.100 U	0.110 U	0.110 U	0.130 U	0.110 U	0.110 U	0.0994 U	0.110 U	0.110 U
Total TICs					0.04		1.79		0.1	1.75					0.01

Qualifiers

U - The compound was not detected at the indicated concentration.

N (Organics) - Presumptive Evidence of a Compound

N (Inorganics) - The matrix spike recovery was outside control limits

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* (Organics) - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

* (Inorganics) - The sample/duplicate %RPD was above the control limit.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

Q - indicates LCS control criteria did not meet requirements.

NR - Not analyzed

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Sample ID		NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)	1011-SB-1(8-10)		1011-SB-2(4-8)		1011-SB-3(4-6.5)		1011-SB-4(1.5-3.5)		1011-SB-5(1.5-3.4)		1011-SB-6(4-6.2)		1011-SB-7(2-4)		1011-SB-DUP	
Lab Sample Number					F2336-01		F2336-02		F2336-03		F2336-06		F2336-07		F2336-08		F2336-09		F2336-10	
Sampling Date					5/14/2014		5/14/2014		5/14/2014		5/14/2014		5/14/2014		5/14/2014		5/14/2014		5/14/2014	
Matrix		SOIL	SOIL	SOIL	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Units		mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
COMPOUND	CAS #																			
Benzaldehyde	100-52-7				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Phenol	108-95-2	100	100	0.33	0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
bis(2-Chloroethyl)ether	111-44-4				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2-Chlorophenol	95-57-8	100			0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2-Methylphenol	95-48-7	100	100	0.33	0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2,2-oxybis(1-Chloropropane)	108-60-1				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Acetophenone	98-86-2				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
3+4-Methylphenols	65794-96-9				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
n-Nitroso-di-n-propylamine	621-64-7				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Hexachloroethane	67-72-1				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Nitrobenzene	98-95-3	3.7	15		0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Isophorone	78-59-1	100			0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2-Nitrophenol	88-75-5				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2,4-Dimethylphenol	105-67-9				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
bis(2-Chloroethoxy)methane	111-91-1				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2,4-Dichlorophenol	120-83-2	100			0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Naphthalene	91-20-3	100	100	12	0.760	U	0.260	J	4.30	U	2.80	J	0.350	U	0.380	U	0.360	U	0.350	U
4-Chloroaniline	106-47-8	100			0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Hexachlorobutadiene	87-68-3				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Caprolactam	105-60-2				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
4-Chloro-3-methylphenol	59-50-7				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2-Methylnaphthalene	91-57-6	0.41			0.760	U	0.62		4.30	U	2.20	J	0.350	U	0.380	U	0.360	U	0.350	U
Hexachlorocyclopentadiene	77-47-4				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2,4,6-Trichlorophenol	88-06-2				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2,4,5-Trichlorophenol	95-95-4	100			0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
1,1-Biphenyl	92-52-4				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2-Chloronaphthalene	91-58-7				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2-Nitroaniline	88-74-4				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Dimethylphthalate	131-11-3	100			0.690	J	0.52		0.960	J	4.10	U	0.74		0.62		0.64		0.54	
Acenaphthylene	208-96-8	100	100	100	0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2,6-Dinitrotoluene	606-20-2	1.03			0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
3-Nitroaniline	99-09-2				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Acenaphthene	83-32-9	100	100	20	0.760	U	0.250	J	4.30	U	5.9		0.350	U	0.380	U	0.360	U	0.350	U
2,4-Dinitrophenol	51-28-5	100			0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
4-Nitrophenol	100-02-7				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Dibenzofuran	132-64-9	14	59	7	0.760	U	0.210	J	4.30	U	3.80	J	0.350	U	0.380	U	0.360	U	0.350	U
2,4-Dinitrotoluene	121-14-2				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Diethylphthalate	84-66-2	100			0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
4-Chlorophenyl-phenylether	7005-72-3				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Fluorene	86-73-7	100	100	30	0.170	J	0.350	J	1.30	J	6.7		0.350	U	0.380	U	0.360	U	0.350	U
4-Nitroaniline	100-01-6				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
4,6-Dinitro-2-methylphenol	534-52-1				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
n-Nitrosodiphenylamine	86-30-6				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
4-Bromophenyl-phenylether	101-55-3				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Hexachlorobenzene	118-74-1	0.41	1.2	0.33	0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Atrazine	1912-24-9				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Pentachlorophenol	87-86-5	2.4	6.7	0.8	0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Phenanthrene	85-01-8	100	100	100	1.3		1.4		5.7		24.9		0.350	U	0.59		0.280	J	0.350	U
Anthracene	120-12-7	100	100	100	0.350	J	0.330	J	1.80	J	8.3		0.350	U	0.160	J	0.0973	J	0.350	U
Carbazole	86-74-8				0.760	U	0.180	J	4.30	U	4.6		0.350	U	0.380	U	0.360	U	0.350	U
Di-n-butylphthalate	84-74-2	100			0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Fluoranthene	206-44-0	100	100	100	2.1		1.3		8.7		32.4		0.350	U	1		0.57		0.350	U
Pyrene	129-00-0	100	100	100	1.7		0.96		6.6		27.2		0.350	U	0.8		0.45		0.350	U
Butylbenzylphthalate	85-68-7	100			0.760	U	0.51		4.30	U	97.8	D	0.350	U	0.380	U	0.360	U	0.350	U
3,3-Dichlorobenzidine	91-94-1				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Benzo(a)anthracene	56-55-3	1	1	1	0.99		0.49		3.60	J	16.1		0.350	U	0.51		0.270	J	0.350	U
Chrysene	218-01-9	1	3.9	1	0.96		0.400	J	3.10	J	12.7		0.350	U	0.4		0.260	J	0.350	U
Bis(2-ethylhexyl)phthalate	117-81-7	50			0.290	J	0.51		1.10	J	9.4		0.350	U	0.380	U	0.170	J	0.350	U
Di-n-octyl phthalate	117-84-0	100			0.760	U	0.420	U	4.30	U	2.60	J	0.350	U	0.380	U	0.360	U	0.350	U
Benzo(b)fluoranthene	205-99-2	1	1	1	1.2		0.55		4.4		14.9		0.350	U	0.56		0.330	J	0.350	U
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	0.430	J	0.140	J	1.00	J	6.5		0.350	U	0.220	J	0.150	J	0.350	U
Benzo(a)pyrene	50-32-8	1	1	1	0.85		0.350	J	3.30	J	12.6		0.350	U	0.45		0.280	J	0.350	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	0.760	U	0.190	J	1.30	J	5.2		0.350	U	0.210	J	0.360	U	0.350	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.760	U	0.420	U	4.30	U	1.50	J	0.350	U	0.380	U	0.360	U	0.350	U
Benzo(g,h,i)perylene	191-24-2	100	100	100	0.610	J	0.210	J	1.80	J	6.7		0.350	U	0.280	J	0.200	J	0.350	U
1,2,4,5-Tetrachlorobenzene	95-94-3				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
2,3,4,6-Tetrachlorophenol	58-90-2				0.760	U	0.420	U	4.30	U	4.10	U	0.350	U	0.380	U	0.360	U	0.350	U
Total TICs					36.35		48.55		91.3		100.9		12.87		22.41		23.2		6.9	

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Sample ID		NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)	1011-SB-1(8-10)		1011-SB-2(4-8)		1011-SB-3(4-6.5)		1011-SB-4(1.5-3.5)		1011-SB-5(1.5-3.4)		1011-SB-6(4-6.2)		1011-SB-7(2-4)		1011-SB-DUP	
Lab Sample Number					F2336-01		F2336-02		F2336-03		F2336-06		F2336-07		F2336-08		F2336-09		F2336-10	
Sampling Date					5/14/2014		5/14/2014		5/14/2014		5/14/2014		5/14/2014		5/14/2014		5/14/2014		5/14/2014	
Matrix		SOIL	SOIL	SOIL	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Units		mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
COMPOUND	CAS #																			
Aroclor-1016	12674-11-2	1	1	0.1	0.0197	U	0.0219	U	0.0223	U	0.0210	U	0.0179	U	0.0193	U	0.0186	U	0.0179	U
Aroclor-1221	11104-28-2	1	1	0.1	0.0197	U	0.0219	U	0.0223	U	0.0210	U	0.0179	U	0.0193	U	0.0186	U	0.0179	U
Aroclor-1232	11141-16-5	1	1	0.1	0.0197	U	0.0219	U	0.0223	U	0.0210	U	0.0179	U	0.0193	U	0.0186	U	0.0179	U
Aroclor-1242	53469-21-9	1	1	0.1	**0.0746**		**0.15**		**0.18**		**0.4**		0.0179	U	0.0193	U	**0.0382**	P	0.0179	U
Aroclor-1248	12672-29-6	1	1	0.1	0.0197	U	0.0219	U	0.0223	U	0.0210	U	0.0179	U	0.0193	U	0.0186	U	0.0179	U
Aroclor-1254	11097-69-1	1	1	0.1	**0.0770**	P	**0.0991**	P	**0.150**	P	**0.380**	P	0.0179	U	0.0193	U	**0.0428**		0.0179	U
Aroclor-1260	11096-82-5	1	1	0.1	0.0197	U	0.0219	U	0.0223	U	0.0210	U	0.0179	U	0.0193	U	0.0186	U	0.0179	U

Total TICs

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Lab Sample Number					F2336-01	F2336-02	F2336-03	F2336-06	F2336-07	F2336-08	F2336-09	F2336-10
Sampling Date					5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014	5/14/2014
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
COMPOUND	CAS #											
Arsenic	7440-38-2	16	16	13	4.85	9.23	8.96	6.71	1.72	2.89	2.85	1.59
Barium	7440-39-3	350	400	350	206	91.7	267	229	574	529	346	680
Cadmium	7440-43-9	2.5	4.3	2.5	0.290 U	0.330 U	0.423	2.47	0.260 U	0.280 U	0.280 U	0.270 U
Chromium	7440-47-3				27.7	30.7	31.4	21.7	36.6	33.4	22.9	38.8
Lead	7439-92-1	400	400	63	96.9	44	170	261	2.53	33.9	22.7	1.58
Mercury	7439-97-6	0.81	0.81	0.18	0.101	0.083	0.068	0.272	0.017	0.083	0.026	0.015
Selenium	7782-49-2	36	180	3.9	1.25	1.09 U	1.2	1.39	1.32	1.46	0.700 J	1.65
Silver	7440-22-4	36	180	2	0.52	0.255 J	0.367 J	0.432 J	0.440 U	0.460 U	0.470 U	0.234 J

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Sample ID		**1011-SB-1(8-10)**		**1011-SB-3(4-6.5)**		**3.5)**	
Lab Sample Number		**F2336-11**		**F2336-13**		**F2336-14**	
Sampling Date		**5/14/2014**		**5/14/2014**		**5/14/2014**	
Matrix		**Water**		**Water**		**Water**	
Units		**ug/L**		**ug/L**		**ug/L**	
COMPOUND	CAS #						
Pyridine	110-86-1	10.0	U	10.0	U	10.0	U
1,4-Dichlorobenzene	106-46-7	10.0	U	10.0	U	10.0	U
2-Methylphenol	95-48-7	10.0	U	10.0	U	10.0	U
3+4-Methylphenols	65794-96-9	10.0	U	10.0	U	10.0	U
Hexachloroethane	67-72-1	10.0	U	10.0	U	10.0	U
Nitrobenzene	98-95-3	10.0	U	10.0	U	10.0	U
Hexachlorobutadiene	87-68-3	10.0	U	10.0	U	10.0	U
2,4,6-Trichlorophenol	88-06-2	10.0	U	10.0	U	10.0	U
2,4,5-Trichlorophenol	95-95-4	10.0	U	10.0	U	10.0	U
2,4-Dinitrotoluene	121-14-2	10.0	U	10.0	U	10.0	U
Hexachlorobenzene	118-74-1	10.0	U	10.0	U	10.0	U
Pentachlorophenol	87-86-5	10.0	U	10.0	U	10.0	U

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Sample ID		1011-SB-1(8-10)	1011-SB-3(4-6.5)	1011-SB-4(1.5-3.5)
Lab Sample Number		F2336-11	F2336-13	F2336-14
Sampling Date		5/14/2014	5/14/2014	5/14/2014
Matrix		WATER	WATER	WATER
Units		ug/L	ug/L	ug/L
COMPOUND	CAS #			
Arsenic	7440-38-2	10.4	7.83 J	10.0 U
Barium	7440-39-3	70.8	307	437
Cadmium	7440-43-9	3.00 U	3.00 U	3.00 U
Chromium	7440-47-3	4.35 J	4.87 J	6.81
Lead	7439-92-1	4.26 J	26.8	42.7
Mercury	7439-97-6	0.200 U	0.200 U	0.214
Selenium	7782-49-2	10.0 U	10.0 U	10.0 U
Silver	7440-22-4	5.00 U	5.00 U	5.00 U

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