GZA GeoEnvironmental of New York

Engineers and Scientists

March 13, 2013
File No.: 21.0056642.10 Task 17

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Division of Environmental Remediation – Region 9
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Re: 1001 Main Street Deep Soil Reuse Sampling Report
Sampling Plan for Kaleida Health Medical Office Building Site (C915260)
Imported Soil Source for 129 Holden Street Site (C915261)
Buffalo, NY 14094

Dear Jaspal:

On behalf of Strickler Development Group, LLC (Strickler), GZA GeoEnvironmental of New York (GZA) prepared this report to provide results of the deep soil assessment at 1001 Main Street (BCP Site C915260). Strickler is proposing to reuse acceptable soil to be excavated during development of the parking structure at the 1001 Main Street property, for controlled backfill at the 129 Holden Street Site (BCP Site C915261). The reuse of this soil is beneficial to both projects. It will significantly reduce disposal costs for the 1001 Main Street Site, reduce costs for purchasing backfill for the 129 Holden Street Site and reduce consumed landfill airspace.

This work was completed in accordance with the sampling work plan[1] approved by the New York State Department of Environmental Conservation (NYSDEC) in a letter dated November 14, 2012.

BACKGROUND

Strickler's construction manager, LPCiminelli, is involved with the development of a medical office building (MOB) at 1001 Main Street. There is approximately 74,000 cubic yards of soil that will be required to be removed from the 1001 Main Street Site in order to facilitate the remediation and development plan. There is approximately 50,000 cubic yards (cy) of soil located at the 1001 Main Street Site that has not been impacted by previous use as a gasoline station and could be reused as backfill at 129 Holden Street. Approximately 30,000 cy of soil is present from beneath the asphalt surface to 10 to 14 feet bgs and is identified as the "shallow soil". There is approximately 20,000 cy of soil

[1] "REVISION #2, Imported Soil Source for 129 Holden Street Site (C915261), Sampling Plan for Kaleida Health Medical Office Building Site (C915260), 1001 Main Street, Buffalo, NY 14094" dated November 12, 2012.

present from 14 to 26 feet bgs in the northwestern and southeastern portions of the property, identified as the "deep soil", and will be assessed at a later time.

The reuse of this soil would provide a significant benefit to both the 1001 Main Street Site and the 129 Holden Street Site, as 129 Holden Street will need soil to backfill remedial excavations and low spots remaining from the uncovered building basements remaining after building demolition. Reuse of the soil from the 1001 Main Street project would significantly reduce disposal costs and consumed landfill airspace.

The information and data provided in this report is associated with the deep soil. The proposed redevelopment plan for 129 Holden Street is for residential use. Therefore, the soil to be brought to the 129 Holden Street Site for reuse will need to meet the requirements of 6 NYCRR 375-6.7 (d) Residential Soil Cleanup Objectives (RSCOs).

1001 MAIN STREET BACKGROUND

The following information was taken from the "Commercial Use Assessment Report" dated May 2012 and prepared by C&S Companies.

> A gas station occupied the southwest corner of the 1001 Main Street property from approximately 1950 to 1982. Leaking underground storage tanks (USTs) were removed from 1001 Main Street in 1981 (NYSDEC Spill #9500234). A petroleum release occurred in the area of the former USTs in the southwestern portion of the property. Contaminated soils have been identified from 10 to 20 feet bgs. Contaminated soils in the central and northern portions of the property also have been identified at a depth of approximately 32 to 35 feet bgs and consist of coarse sand and gravel lenses.
>
> Over thirty-six (36) groundwater monitoring wells and multiple soil borings have been installed from 1981 to present in order to delineate the extent and depth of soil and groundwater contamination. Based on the investigations, contaminants of concern are benzene, toluene, ethylbenzene and xylene (BTEX) compounds associated with leaking underground storage tanks.
>
> The primary area of contamination is within the center to western boundary of the Site. Free product exists in this area and the shallowest depth of contamination is located at 10 feet bgs. Generally, the depth of contamination is from 20 feet bgs to 40 feet bgs in the central to northern portion of the property. The contamination has migrated from the center of the Site northeast following a five-foot thick coarse sand/gravel layer generally 30 to 35 feet bgs. The contamination within the coarse sand/gravel zone has migrated as the result of preferential groundwater flow.
>
> Groundwater depth and contamination has been defined through quarterly monitoring well sampling. Groundwater investigations indicate the potentiometric depth to water between 25 to 27 feet bgs. Groundwater contamination, consisting mainly of BTEX compounds, extends from the southwest corner to the northeast

corner of the property. The groundwater plume also extends off the property onto Main Street and the northern boundary onto Goodrich Street.

PURPOSE

Soil (fill, native and petroleum impacted) from 1001 Main Street will be removed from the 1001 Main Street property to:

1) address petroleum impacted soil at depths of 10 to 35 feet bgs; and
2) allow for the construction of a parking ramp structure on the property.

Therefore, Strickler contracted GZA to assess if the deep soils from approximately 14 to 26 feet bgs are suitable for reuse at the 129 Holden Street Site.

The shallow soil from ground surface to 14 feet bgs was assessed and approved for reuse, as defined in our Revised Report[2], acknowledged in a letter from NYSDEC dated February 7, 2013.

SCOPE OF WORK FOR DEEP SOILS

TEST PITS

GZA monitored and documented the completion of 14 test pits between February 15th and March 4, 2013. The test pits were completed by LPCiminelli Construction and were used to collect soil samples and observe soil conditions of the soil from 14 to 26 feet bgs. The 14 test pits were identified as TP-118 through TP-131 (see Figure 1). We note that these test pits were done in conjunction with the excavation of the soil from ground surface to 14 feet bgs.

GZA prepared a log of each test pit excavation summarizing the general subsurface conditions that were observed at each location. These logs provide a summary description of the soils based on our visual observations of the recovered soil's color and composition. Logs are included as Appendix A.

GZA collected 46 discrete VOC samples and 14 composite samples from the 14 test pits to assess the soil conditions from 14 to 26 feet bgs. The composite sample analysis consisted of SVOCs, inorganics, PCBs and pesticides.

At least three (3) discrete VOC samples were collected from each of the 14 test pits completed. One VOC sample was collected from the sample interval with the highest organic vapor meter (OVM) reading noted during field screening of the samples. The second VOC sample was collected from the last sample interval (bottom) of each test pit, around 26 feet bgs. The third VOC sample was collected from a sample interval to

[2] "Revised 1001 Main Street Shallow Soil Reuse Sampling Report" dated February 5, 2012.

provide spacial distribution of the samples within each test pit. We note, at four (4) test pit locations (TP-120, -123, -128 and -131) four (4) VOC samples were collected.

Composite samples were collected from each test pit completed. The depth of the composite samples was from the depths shown on Figure 2.

HEADSPACE SCREENING PROCEDURE

A representative portion of each soil sample interval was placed in a zip-lock bag for headspace screening after the initial field screening from the bucket of the excavator. The headspace in the bag of each collected soil sample was screened for total organic vapors using an OVM outfitted with a PID and equipped with a 10.6 eV ultraviolet lamp. The OVM used was a MiniRae 3000 and was calibrated in accordance with manufacturer's recommendations. A gas standard of isobutylene with a concentration of 100 parts per million (ppm) was used for calibration and calibration checks. Ambient air at the Site was used to establish background total organic vapor concentrations.

Total organic vapors were detected in the soil samples collected, ranging between non-detect and 45 parts per million (ppm). Headspace results were recorded on the probe logs included in Appendix A.

ANALYTICAL LABORATORY TESTING

Forty-six (46) discrete VOC soil samples and 14 composite soil samples were selected and submitted for analytical testing. The selected samples were packed in an ice-filled cooler and sent to Paradigm Environmental Services Inc., in Rochester, New York. Typical chain-of-custody procedures were followed. Table 1 is a summary of the analytical samples collected by GZA as part of this work and the analyses completed.

SUBSURFACE CONDITIONS

Soil

The subsurface conditions encountered at TP-118 through TP-131 generally consisted of native brown sand, with lesser and varying amounts of gravel, silt and clay.

We note that petroleum odors were noted at three test pits, TP-123 (20 to 26 feet bgs), TP-126 (14 to 26 feet bgs) and TP-128 (14 to 26 feet bgs).

Groundwater

Groundwater was not encountered in the 14 test pits completed to assess the deep soil.

ANALYTICAL TEST RESULTS

Findings of the laboratory testing of the soil samples analyzed are presented below. The analytical laboratory report for the work completed by GZA is provided in Appendix B and the analytical results are summarized on Table 2.

The analytical test results for the soil samples were compared to 6 New York Code Rules and Regulation Part 375 Environmental Remediation Programs, Subparts 375-12 to 375-4 & 375-6, effective December 14, 2006 (Part 375). Specifically, the Part 375 Residential Soil Cleanup Objectives (RSCOs) were used for comparative purposes.

Volatile Organic Compounds:

Three (3) VOCs, acetone, 2-Butanone and m,p-xylene were detected above method detection limits in the soil samples submitted for analysis (see Table 2). The detected concentration of these three (3) compounds did not exceed its respective RSCO.

No other VOCs were detected above method detection limits in the remaining samples selected for analysis.

Semi-Volatile Organic Compounds:

No SVOCs were detected above method detection limits in 14 composite soil samples selected for laboratory testing (see Table 2).

Polychlorinated biphenyls (PCBs):

No PBCs were detected above method detection limits in 14 composite samples selected for laboratory testing (see Table 2).

Pesticides:

No pesticides were detected above method detection limits in the 14 composite samples selected for analysis (see Table 2).

Metals:

Metal analytes were detected above method detection limits in the 14 composite soil samples selected for laboratory testing. However, the detected concentrations of the analytes detected were below their respective RSCO (see Table 2).

CONCLUSIONS

GZA has evaluated the analytical data from the 14 test pits completed to assess the deep soils from 14 to 26 feet bgs. Based on our evaluation of the deep soil data from the 14 test pits completed, the native soil from 14 to 26 feet bgs in the area outlined in red on Figure 2 is acceptable for reuse at 129 Holden Street.

No VOCs, SVOCs, PCBs, pesticides or metals were detected at concentrations above the RSCO.

We note that while soil from this area is being excavated at 1001 Main Street, it will also be evaluated by the following three (3) criteria, allowing the soil's use at 129 Holden Street.

- organic vapor meter (OVM) readings shall be less than 10 parts per million (ppm),
- there shall be no visual observation of contamination (i.e. staining, discoloration), and
- there shall be no olfactory (i.e. petroleum odor) observation.

If you need additional information or would like to discuss the project, please contact Chris Boron (GZA Project Manager) at (716) 844-7046.

Respectfully,

GZA GEOENVIRONMENTAL OF NEW YORK

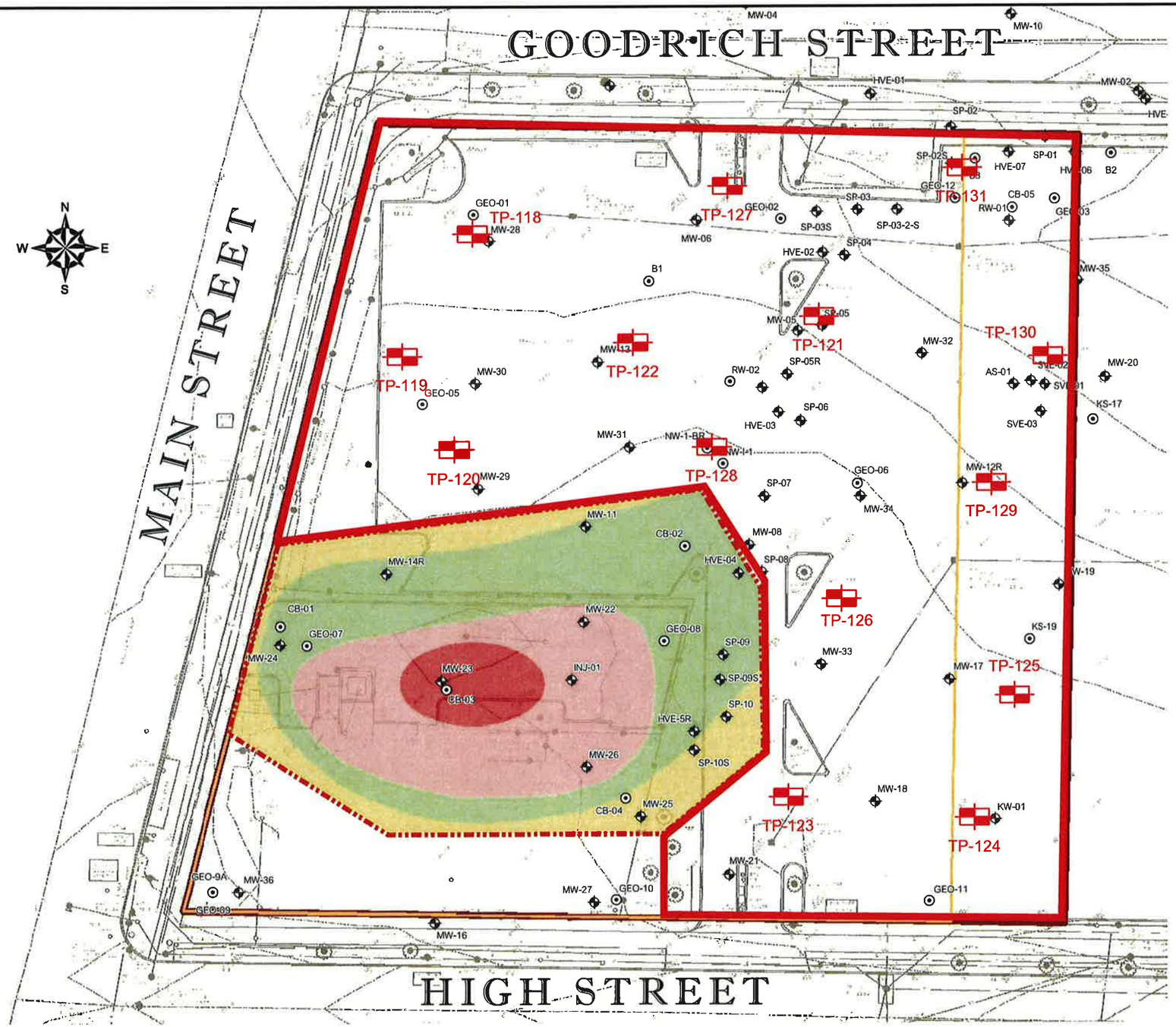
Christopher Boron
Senior Project Manager

Bart A. Klettke, P.E.
Associate Principal

Attachments
Figure 1– Test Pit Location
Table 1 – GZA Analytical Summary Table
Table 2 – GZA Sample Results Summary
Appendix A - Test Pit Logs
Appendix B – Laboratory Report

cc: John Ciminelli (Strickler Development, electronic copy only)
Vince Kirsch (LPCiminelli, electronic copy only)
Danielle Zientek (LPCiminelli, electronic copy only)

FIGURE



Legend

- Monitoring Well
- Soil Boring
- Proposed Medical Office Building Site
- Proposed BCA Boundary
- Proposed Limits of Excavation

Top of Contaminated Soil - Feet Below Ground Surface ("ftbgs")

- 10 ftbgs
- 15 ftbgs
- 20 ftbgs
- 30 ftbgs

Notes

1) Survey data from McIntosh & McIntosh P.C. "Topographical Map of Part of Lot-29, TWP.-11, R.-8, Holland Purchase" Job No. 7669-B(2) September 24, 2008.

2) The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities, either in service or abandoned. The surveyor has not physically located the underground utilities.

3) Groundwater sampling results from March 23, 2012 GES Monitoring Report.

4) Coordinate System: NAD 1983 StatePlane NY West FIPS 3103
Projection: Transverse Mercator
Datum: North American 1983
Units: Foot US

0 20 40 80
SCALE IN FEET

LEGEND:

AREA OF PROPOSED EXCAVATION 14 TO 26 FEET

TP-122 APPROXIMATE TEST PIT LOCATION

NOTES:

1. BASE MAP ADAPTED FROM A C&S ENGINEERS, INC. FIGURE 2-2.
2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

NO.	ISSUE/DESCRIPTION	BY	DATE

KALEIDA HEALTH SITE
1001 MAIN STREET
BUFFALO, NEW YORK

DEEP SOIL REUSE SAMPLING REPORT

TEST PITS WITHIN PROPOSED AREA OF DEEP EXCAVATIONS

PREPARED BY:
GZA GeoEnvironmental of N.Y.
Engineers and Scientists
535 WASHINGTON STREET 11th FLOOR
BUFFALO, NEW YORK 14203
(716) 685-2300

PREPARED FOR:
STRICKLER DEVELOPMENT

PROJ MGR: CZB	REVIEWED BY:	CHECKED BY:	FIGURE
DESIGNED BY:	DRAWN BY: MDK	SCALE: AS SHOWN	1
DATE MARCH 2013	PROJECT NO. 21.0056642.10	REVISION NO.	

TABLES

Table 1
Analytical Testing Program Summary
1001 Main Street Deep Soil Reuse Investigation
Buffalo, New York

Sample	Location	Sample Depth (ft bgs)	Date Collected	VOCs TCL EPA Method 8260B	SVOCs EPA Method 8270C BN	TAL Metals Method SW 846 3050/6010/7471	PCBs Method 8082	Pesticides Method 8081B
Subsurface Soil Samples								
TP-118-14-021513	TP-118	14	2/15/2013	X				
TP-118-14-18-021513	TP-118	14 - 18	2/15/2013		X	X	X	X
TP-118-20-021513	TP-118	20	2/15/2013	X				
TP-118-26-021513	TP-118	26	2/15/2013	X				
TP-119-14-021513	TP-119	14	2/15/2013	X				
TP-119-18-22-021513	TP-119	18 - 22	2/15/2013		X	X	X	X
TP-119-19-021513	TP-119	19	2/15/2013	X				
TP-119-26-011513	TP-119	26	2/15/2013	X				
TP-120-14-021913	TP-120	14	2/19/2013	X				
TP-120-16-021913	TP-120	16	2/19/2013	X				
TP-120-22-021913	TP-120	22	2/19/2013	X				
TP-120-22-26-021913	TP-120	22 - 26	2/19/2013		X	X	X	X
TP-120-26-021913	TP-120	26	2/19/2013	X				
TP-121-14-0219113	TP-121	14	2/19/2013	X				
TP-121-20-021913	TP-121	20	2/19/2013	X				
TP-121-22-26-021923	TP-121	22 - 26	2/19/2013		X	X	X	X
TP-121-26-021913	TP-121	26	2/19/2013	X				
TP-122-14-022713	TP-122	14	2/27/2013	X				
TP-122-14-18-022713	TP-122	14-18	2/27/2013		X	X	X	X
TP-122-20-022713	TP-122	20	2/27/2013	X				
TP-122-26-022713	TP-122	26	2/27/2013	X				
TP-123-14-022713	TP-123	14	2/27/2013	X				
TP-123-14-18-022713	TP-123	14 - 18	2/27/2013		X	X	X	X
TP-123-20-022713	TP-123	20	2/27/2013	X				
TP-123-22-022713	TP-123	22	2/27/2013	X				
TP-123-26-022713	TP-123	26	2/27/2013	X				
TP-124-14-022713	TP-124	14	2/27/2013	X				
TP-124-18-022713	TP-124	18	2/27/2013	X				
TP-124-22-26-022713	TP-124	22 - 26	2/27/2013		X	X	X	X
TP-124-26-022713	TP-124	26	2/27/2013	X				
TP-125-14-022813	TP-125	14	2/28/2013	X				
TP-125-16-022813	TP-125	16	2/28/2013	X				
TP-125-18-22-022813	TP-125	18 - 22	2/28/2013		X	X	X	X
TP-125-26-022813	TP-125	26	2/28/2013	X				
TP-126-14-022813	TP-126	14	2/28/2013	X				
TP-126-16-022813	TP-126	16	2/28/2013	X				
TP-126-14-18-022813	TP-126	14 - 18	2/28/2013		X	X	X	X
TP-126-26-022813	TP-126	26	2/28/2013	X				
TP-127-14-03013	TP-127	14	3/1/2013	X				
TP-127-18-22-030113	TP-127	18 - 22	3/1/2013		X	X	X	X
TP-127-23-030113	TP-127	23	3/1/2013	X				
TP-127-26-030113	TP-127	26	3/1/2013	X				
TP-128-14-030113	TP-128	14	3/1/2013	X				
TP-128-18-22-030113	TP-128	18 - 22	3/1/2013		X	X	X	X
TP-128-20-030113	TP-128	20	3/1/2013	X				
TP-128-22-030113	TP-128	22	3/1/2013	X				
TP-128-26-030113	TP-128	26	3/1/2013	X				
TP-129-14-030113	TP-129	14	3/1/2013	X				
TP-129-19-030113	TP-129	19	3/1/2013	X				
TP-129-22-26-030113	TP-129	22 - 26	3/1/2013		X	X	X	X
TP-129-26-030113	TP-129	26	3/1/2013	X				
TP-130-14-030113	TP-130	14	3/1/2013	X				
TP-130-17-030113	TP-130	17	3/1/2013	X				
TP-130-18-22-030113	TP-130	18 - 22	3/1/2013		X	X	X	X
TP-130-26-030113	TP-130	26	3/1/2013	X				
TP-131-14-030413	TP-131	14	3/4/2013	X				
TP-131-19-030413	TP-131	19	3/4/2013	X				
TP-131-23-030413	TP-131	23	3/4/2013	X				
TP-131-22-26-030413	TP-131	22 - 26	3/4/2013		X	X	X	X
TP-131-26-030413	TP-131	26	3/4/2013	X				

Notes:
1. NA = not applicable.
2. ft bgs = feet below ground surface
3. VOCs = Volatile Organic Compounds
4. SVOCs = Semi-Volatile Organic Compounds
5. TCL = Total Compound List
6. TAL = Total Analyte List

Table 2
Summary of Test Pit Sample Analytical Results
1001 Main Street Deep Soil Reuse Sampling Report

Sample Location			TP-118		TP-118		TP-118		TP-118		TP-119		TP-119		TP-119		TP-119		TP-120		TP-120		TP-120		TP-120		TP-120		TP-121		TP-121		TP-121		TP-121		TP-122		TP-122		TP-122		TP-122	
Sample Depth (ft bgs)	Part 375	Part 375	14		14 - 18		20		26		14		18-22		19		26		14		16		22		22 - 26		26		14		20		22 - 26		26		14		14 - 18		20		26	
Sample Date	Unrestricted SCO	Residential SCO	2/15/2013	Q	2/15/2013	Q	2/15/2013	Q	2/15/2013	Q	2/15/2013	Q	2/15/2013	Q	2/15/2013	Q	2/15/2013	Q	2/19/2013	Q	2/19/2013	Q	2/19/2013	Q	2/19/2013	Q	2/19/2013	Q	2/19/2013	Q	2/19/2013	Q	2/19/2013	Q	2/19/2013	Q	2/27/2013	Q	2/27/2013	Q	2/27/2013	Q
Volatile Organics (ug/kg)																																											
Acetone	50	100,000	**54**	B			33	B	33	B	**66**	B			**52**	B	41	B	43	B	38	B	48	B			36	B	**57**	B	**53**	B			43	B								
2-Butanone	120	100,000																																									
m,p-Xylene	260 **	100,000 **									2.3	J																																
Semi-Volatile Organics (ug/kg)																																											
PCB (ug/kg)																																											
Pesticides (ug/kg)																																											
Inorganics (mg/kg)																																											
Aluminum	NV	NV			2,300								2,700												2,600								2,300				3,500					
Antimony	NV	NV																																									
Arsenic	13	16			1.1	J							1.3												1.3								0.87	J			1.1					
Barium	350	350			8.8	J							11												9.5	J							13				14					
Beryllium	7.2	14																																									
Cadmium	2.5	2.5			0.28	J							0.28	J											0.36	J							0.3	J			0.27	J				
Calcium	NV	NV			60,000								67,000												57,000								65,000				60,000					
Chromium	30	36			3.9								4.3												4.5								3.9				5.4					
Cobalt	NV	NV																																			2.7	J					
Copper	50	270			6.6								7.7												6.9								6.2				9.4					
Iron	NV	NV			6,100								6,100												6,500								5,700				7,600					
Lead	63	400			6.2								6.4												7.2								7.0				7.7					
Magnesium	NV	NV			24,000								27,000												22,000								25,000				27,000					
Manganese	1,600	2,000			200								220												210								210				250					
Mercury	0.18	0.81			0.0043	JL							0.0064	JL											0.0067	J							0.0049	J								
Nickel	30	140			3.5	J							4.2	J											3.6	J							3.4	J			4.4					
Potassium	NV	NV			630								760												690								650				980					
Selenium	3.9	36																																								
Silver	2	36																																			0.7	J					
Sodium	NV	NV			300								300												260								210	J			330					
Thallium	NV	NV																																			1.6	J					
Vanadium	NV	NV			9.3								9												9.8								8.9				13					
Zinc	109	2,200			65								63												68								67				75					

NOTES:
1. Only compounds detected in one or more soil samples are presented in this table.
2. Blank indicates compound was not detected.
3. Black shading indicates compound was not tested.
4. Analytical testing completed by Paradigm Environmental Services.
5. Q = laboratory qualifier. J = estimated concentration. B = compound was detected in the method blank.
6. ug/kg = parts per billion, mg/kg = parts per million.
7. Part 375 Residential Soil Cleanup Objectives (SCOs) are from NYCRR Subpart 375-6, Remedial Program Soil Cleanup Objectives, dated December 14, 2006.
8. NV = no value
9. Concentrations that are bolded exceed the Part 375 Unrestricted SCOs and the & shaded exceed their respective Part 375 Residential SCOs.
10. ** = Cleanup criteria applies to the sum of total xylene compounds.

Table 2
Summary of Test Pit Sample Analytical Results
1001 Main Street Deep Soil Reuse Sampling Report

Sample Location			TP-123		TP-123		TP-123		TP-123		TP-123		TP-124		TP-124		TP-124		TP-124		TP-125		TP-125		TP-125		TP-125		TP-126		TP-126		TP-126		TP-126		TP-126		TP-127		TP-127		TP-127		TP-127	
Sample Depth (ft bgs)	Part 375	Part 375	14		14 - 18		20		22		26		14		18		22 - 26		26		14		16		18 - 22		26		14		16		14 - 18		26		14		18 - 22		23		26		
Sample Date	Unrestricted SCO	Residential SCO	2/27/2013	Q	2/27/2013	Q	2/27/2013	Q	2/27/2013	Q	2/27/2013	Q	2/27/2013	Q	2/27/2013	Q	2/27/2013	Q	2/27/2013	Q	2/28/2013	Q	2/28/2013	Q	2/28/2013	Q	2/28/2013	Q	2/28/2013	Q	2/28/2013	Q	2/28/2013	Q	2/28/2013	Q	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q
Volatile Organics (ug/kg)																																													
Acetone	50	100,000																																			17	J					13	J
2-Butanone	120	100,000																																											
m,p-Xylene	260 **	100,000 **																																			1.8	J					2.3	J
Semi-Volatile Organics (ug/kg)																																												
PCB (ug/kg)																																													
Pesticides (ug/kg)																																													
Inorganics (mg/kg)																																													
Aluminum	NV	NV			2,700												2,500								2,800								2,200						3,800						
Antimony	NV	NV																																											
Arsenic	13	16			0.77	J											0.67	J																					0.74	J					
Barium	350	350			14												11								18								23						12						
Beryllium	7.2	14																																											
Cadmium	2.5	2.5																																			0.3	J							
Calcium	NV	NV			55,000												50,000								53,000								53,000						75,000						
Chromium	30	36			4.2												4								4.9								4.2						5.1						
Cobalt	NV	NV																																											
Copper	50	270			6.3												6.4								5.7								6						9						
Iron	NV	NV			6,500												6,800								6,800								6,400						7,400						
Lead	63	400			7.3												7.6								6.6								6.8						6.8						
Magnesium	NV	NV			22,000												22,000								23,000								21,000						32,000						
Manganese	1,600	2,000			210												230								240								190						250						
Mercury	0.18	0.81																																											
Nickel	30	140			3.5	J											3.5	J							3.7	J							3.4	J					4.7	J					
Potassium	NV	NV			750												630								1,100								810						1,200						
Selenium	3.9	36																																											
Silver	2	36			0.73	J											0.63	J							0.99	J							1.1						1.3						
Sodium	NV	NV			380												190	J							370								190	J					350						
Thallium	NV	NV			1.6	J											1.4	J																											
Vanadium	NV	NV			11												11								12								11						11						
Zinc	109	2,200			68												66								58								79						70						

NOTES:
1. Only compounds detected in one or more soil samples are presented in this table.
2. Blank indicates compound was not detected.
3. Black shading indicates compound was not tested.
4. Analytical testing completed by Paradigm Environmental Services.
5. Q = laboratory qualifier. J = estimated concentration. B = compound was detected in the method blank.
6. ug/kg = parts per billion, mg/kg = parts per million.
7. Part 375 Residential Soil Cleanup Objectives (SCOs) are from NYCRR Subpart 375-6, Remedial Program Soil Cleanup Objectives, dated December 14, 2006.
8. NV = no value
9. Concentrations that are bolded exceed the Part 375 Unrestricted SCOs and the & shaded exceed their respective Part 375 Residential SCOs.
10. ** = Cleanup criteria applies to the sum of total xylene compounds.

Table 2
Summary of Test Pit Sample Analytical Results
1001 Main Street Deep Soil Reuse Sampling Report

Sample Location			TP-128		TP-128		TP-128		TP-128		TP-128		TP-129		TP-129		TP-129		TP-129		TP-130		TP-130		TP-130		TP-131		TP-131		TP-131		TP-131	
Sample Depth (ft bgs)	Part 375	Part 375	14		18 - 22		20		22		26		14		19		22 - 26		26		14		17		18 - 22		26		14		19		23		22 - 26		26	
Sample Date	Unrestricted SCO	Residential SCO	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q	3/1/2013	Q	3/4/2013	Q	3/4/2013	Q	3/4/2013	Q	3/4/2013	Q
Volatile Organics (ug/kg)																																				
Acetone	50	100,000	22				50		24		34		16	J					18	J	13	J					9.3	J								
2-Butanone	120	100,000					12	J																												
m,p-Xylene	260 **	100,000 **							2	J	2.3	J																								
Semi-Volatile Organics (ug/kg)																																				
PCB (ug/kg)																																				
Pesticides (ug/kg)																																				
Inorganics (mg/kg)																																				
Aluminum	NV	NV			2,900												2,700								2,700										2,900			
Antimony	NV	NV																																				
Arsenic	13	16																							0.69	J									0.51	J		
Barium	350	350			11	J											20								14										12			
Beryllium	7.2	14																																				
Cadmium	2.5	2.5			0.29	J																													0.29	J		
Calcium	NV	NV			56,000												58,000								63,000										58,000			
Chromium	30	36			4.5												4.2								5.1										4.7			
Cobalt	NV	NV																																				
Copper	50	270			6.5												6.3								6.9										8.2			
Iron	NV	NV			6,600												6,300								6,500										6,600			
Lead	63	400			6.5												7.7								6.5										6			
Magnesium	NV	NV			23,000												23,000								25,000										23,000			
Manganese	1,600	2,000			220												210								220										220			
Mercury	0.18	0.81																							0.014	J												
Nickel	30	140			3.9	J											3.6	J							4.1										3.8	J		
Potassium	NV	NV			900												890								790										890			
Selenium	3.9	36																																				
Silver	2	36			1	J											1.1	J							1.2										1.1			
Sodium	NV	NV			160	J											250	J							340										390			
Thallium	NV	NV																																				
Vanadium	NV	NV			11												10								10										10			
Zinc	109	2,200			64												65								71										71			

NOTES: 1. Only compounds detected in one or more soil samples are presented in this table.

2. Blank indicates compound was not detected.

3. Black shading indicates compound was not tested.

4. Analytical testing completed by Paradigm Environmental Services.

5. Q = laboratory qualifier. J = estimated concentration. B = compound was detected in the method blank.

6. ug/kg = parts per billion, mg/kg = parts per million.

7. Part 375 Residential Soil Cleanup Objectives (SCOs) are from NYCRR Subpart 375-6, Remedial Program Soil Cleanup Objectives, dated December 14, 2006.

8. NV = no value

9. Concentrations that are bolded exceed the Part 375 Unrestricted SCOs and the & shaded exceed their respective Part 375 Residential SCOs.

10. ** = Cleanup criteria applies to the sum of total xylene compounds.

APPENDIX A

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-118
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	2/15/2013
		Weather:	Windy, ~30° F
Operator:	Matt Hillman	Ground elev.:	
Make:	Deere	Model:	135D

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	0
15				
16				
17				0
18				
19				0
20				
21				0
22				
23				0
24				
25				0
26				
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-119
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	2/15/2013
		Weather:	Windy, ~30° F
Operator:	Matt Hillman	Ground elev.:	
Make:	Deere	Model:	135D

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	0
15				
16				
17				0.1
18				
19				0.2
20				
21				0.2
22				
23				0.2
24				
25				0.1
26				
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-120
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	2/19/2013
		Weather:	Snow/Rain, ~35° F
Operator:	Keegan LaChut	Ground elev.:	
Make:	Deere Model: 240D		

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	0.1
15			Slight and spoadic black staining observed on south and west walls of the excavation from 16 to 24 feet bgs.	
16				0.1
17				
18				0.1
19				
20				
21				0.8
22				
23				0.1
24				
25				0.1
26				
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-121
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	2/19/2013
		Weather:	Snow/Rain, ~35° F
Operator:	Keegan LaChut	Ground elev.:	
Make:	Deere Model: 240D		

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	0
15				
16				0
17				
18				
19				0.1
20				
21				0.3
22				
23				0.8
24				
25				0.7
26				
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-122
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	2/27/2013
		Weather:	Snow/Rain, ~35° F
Operator:	Keegan LaChut	Ground elev.:	
Make:	Deere	Model:	240D

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	0
15				
16				0
17				
18				0
19				
20				0
21				
22				0
23				
24				0
25				
26				0
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-123
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	2/27/2013
		Weather:	Snow/Rain, ~35° F
Operator:	Keegan LaChut	Ground elev.:	
Make:	Deere	Model:	240D

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	0
15				
16				0
17				
18				0
19				
20			slight petroleum odor observed from 20 to 26 feet bgs.	0
21				
22				0
23				
24				0
25				
26				0
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-124
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	2/27/2013
		Weather:	Snow/Rain, ~35° F
Operator:	Keegan LaChut	Ground elev.:	
Make:	Deere Model: 240D		

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	0
15				
16				0
17				
18				0
19				
20				0
21				
22				0
23				
24				0
25				
26				0
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-125
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	2/27/2013
		Weather:	Snow/Rain, ~35° F
Operator:	Keegan LaChut	Ground elev.:	
Make:	Deere Model: 240D		

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	0
15				
16				0
17				
18				0
19				
20				0
21				
22				0
23				
24				0
25				
26				0
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-126
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	2/27/2013
		Weather:	Snow/Rain, ~35° F
Operator:	Keegan LaChut	Ground elev.:	
Make:	Deere Model: 240D		

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	
15			Petroleum odors observed from 14 to 26 feet bgs. No staining observed.	13.7
16				
17				5.1
18				
19				5.9
20				3.7
21				
22				0.7
23				
24				
25				3.2
26				
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-127
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	3/1/2013
		Weather:	Snow, ~25° F
Operator:	Keegan LaChut	Ground elev.:	
Make:	Deere	Model:	240D

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	0
15				
16				0
17				
18				0
19				
20				0
21				
22				0
23				
24				0.4
25				
26				0.2
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-128
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	3/1/2013
		Weather:	Snow, ~25° F
Operator:	Keegan LaChut	Ground elev.:	
Make:	Deere Model: 240D		

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native). Petroleum odors observed from 14 to 26 feet bgs. No staining observed.	2.3
15				
16				1.2
17				
18				4.5
19				
20				16.5
21				
22				45.2
23				
24				15.2
25				
26				
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-129
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	3/1/2013
		Weather:	Snow, ~25° F
Operator:	Keegan LaChut	Ground elev.:	
Make:	Deere	Model:	240D

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	0
15				
16				0
17				
18				0
19				
20				0
21				
22				0
23				
24				0
25				
26				0
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-130
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	3/1/2013
		Weather:	Snow, ~25° F
Operator:	Keegan LaChut	Ground elev.:	
Make:	Deere	Model:	240D

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	0
15				
16				0
17				
18				0
19				
20				0
21				
22				0
23				
24				0
25				
26				0
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

PROJECT NAME

TEST PIT FIELD LOG

Project Description:	BCP Site C915260	Test Pit No:	TP-131
Project location:	1001 Main Street	Location:	
GZA Representative:	Thomas Bohlen	File No:	21.0056642.10 Task 17
Contractor:	LP Ciminelli	Date:	3/4/2013
		Weather:	Overcast, ~25° F
Operator:	Ron	Ground elev.:	
Make:	Deere Model: 240D		

DEPTH (feet)	SAMPLE NO.	SAMPLE DEPTH	DESCRIPTION	PID
14			Brown fine SAND, trace Gravel, moist (native).	
15				0.3
16				
17				0.4
18				
19				0.6
20				
21				0.6
22				
23				0.8
24				
25				0.5
26				
27			End of excavation at 26 feet below ground surface.	
28				
29				
30				
31				
32				
33				

REMARKS:

APPENDIX B

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-14-021513
Lab Sample ID: 130620-01 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.1	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 4.1	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 4.1	ug/Kg		2/21/2013
1,1-Dichloroethane	< 4.1	ug/Kg		2/21/2013
1,1-Dichloroethene	< 4.1	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 20	ug/Kg		2/21/2013
1,2-Dibromoethane	< 4.1	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 4.1	ug/Kg		2/21/2013
1,2-Dichloroethane	< 4.1	ug/Kg		2/21/2013
1,2-Dichloropropane	< 4.1	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 4.1	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 4.1	ug/Kg		2/21/2013
1,4-dioxane	< 41	ug/Kg		2/21/2013
2-Butanone	< 20	ug/Kg		2/21/2013
2-Hexanone	< 10	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 10	ug/Kg		2/21/2013
Acetone	**54**	ug/Kg	B	2/21/2013
Benzene	< 4.1	ug/Kg		2/21/2013
Bromochloromethane	< 10	ug/Kg		2/21/2013
Bromodichloromethane	< 4.1	ug/Kg		2/21/2013
Bromoform	< 10	ug/Kg		2/21/2013
Bromomethane	< 4.1	ug/Kg		2/21/2013

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-14-021513

Lab Sample ID: 130620-01 **Date Sampled:** 2/15/2013

Matrix: Soil **Date Received:** 2/18/2013

Carbon disulfide	< 4.1	ug/Kg	2/21/2013
Carbon Tetrachloride	< 4.1	ug/Kg	2/21/2013
Chlorobenzene	< 4.1	ug/Kg	2/21/2013
Chloroethane	< 4.1	ug/Kg	2/21/2013
Chloroform	< 4.1	ug/Kg	2/21/2013
Chloromethane	< 4.1	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 4.1	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 4.1	ug/Kg	2/21/2013
Cyclohexane	< 20	ug/Kg	2/21/2013
Dibromochloromethane	< 4.1	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 4.1	ug/Kg	2/21/2013
Ethylbenzene	< 4.1	ug/Kg	2/21/2013
Freon 113	< 4.1	ug/Kg	2/21/2013
Isopropylbenzene	< 4.1	ug/Kg	2/21/2013
m,p-Xylene	< 4.1	ug/Kg	2/21/2013
Methyl acetate	< 4.1	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 4.1	ug/Kg	2/21/2013
Methylcyclohexane	< 4.1	ug/Kg	2/21/2013
Methylene chloride	< 10	ug/Kg	2/21/2013
o-Xylene	< 4.1	ug/Kg	2/21/2013
Styrene	< 10	ug/Kg	2/21/2013
Tetrachloroethene	< 4.1	ug/Kg	2/21/2013
Toluene	< 4.1	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 4.1	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 4.1	ug/Kg	2/21/2013
Trichloroethene	< 4.1	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-14-021513
Lab Sample ID: 130620-01 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Trichlorofluoromethane	< 4.1	ug/Kg	2/21/2013
Vinyl chloride	< 4.1	ug/Kg	2/21/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified
Data File: X03546.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-14-18-021513
Lab Sample ID: 130620-02 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.0043**	mg/Kg	JL	2/20/2013

Method Reference(s): EPA 7471B
Data File: hg130220a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Monday, February 25, 2013

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-14-18-021513

Lab Sample ID: 130620-02 **Date Sampled:** 2/15/2013

Matrix: Soil **Date Received:** 2/18/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2300**	mg/Kg		2/22/2013
Antimony	< 6.6	mg/Kg		2/22/2013
Arsenic	**1.1**	mg/Kg	J	2/22/2013
Barium	**8.8**	mg/Kg	J	2/22/2013
Beryllium	< 0.55	mg/Kg		2/22/2013
Cadmium	**0.28**	mg/Kg	J	2/22/2013
Calcium	**60000**	mg/Kg		2/22/2013
Chromium	**3.9**	mg/Kg		2/22/2013
Cobalt	< 5.5	mg/Kg		2/22/2013
Copper	**6.6**	mg/Kg		2/22/2013
Iron	**6100**	mg/Kg		2/22/2013
Lead (Axial)	**6.2**	mg/Kg		2/22/2013
Magnesium	**24000**	mg/Kg		2/22/2013
Manganese	**200**	mg/Kg		2/22/2013
Nickel	**3.5**	mg/Kg	J	2/22/2013
Potassium	**630**	mg/Kg		2/22/2013
Selenium	< 1.1	mg/Kg		2/22/2013
Silver	< 1.1	mg/Kg		2/22/2013
Sodium	**300**	mg/Kg		2/22/2013
Thallium	< 2.7	mg/Kg		2/22/2013
Vanadium	**9.3**	mg/Kg		2/22/2013
Zinc	**65**	mg/Kg		2/22/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 022213a

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-14-18-021513
Lab Sample ID: 130620-02 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.030	mg/Kg		2/20/2013
PCB-1221	< 0.030	mg/Kg		2/20/2013
PCB-1232	< 0.030	mg/Kg		2/20/2013
PCB-1242	< 0.030	mg/Kg		2/20/2013
PCB-1248	< 0.030	mg/Kg		2/20/2013
PCB-1254	< 0.030	mg/Kg		2/20/2013
PCB-1260	< 0.030	mg/Kg		2/20/2013
PCB-1262	< 0.030	mg/Kg		2/20/2013
PCB-1268	< 0.030	mg/Kg		2/20/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Monday, February 25, 2013

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-14-18-021513

Lab Sample ID: 130620-02 **Date Sampled:** 2/15/2013

Matrix: Soil **Date Received:** 2/18/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.0	ug/Kg		2/20/2013
4,4-DDE	< 3.0	ug/Kg		2/20/2013
4,4-DDT	< 3.0	ug/Kg		2/20/2013
Aldrin	< 3.0	ug/Kg		2/20/2013
alpha-BHC	< 3.0	ug/Kg		2/20/2013
beta-BHC	< 3.0	ug/Kg		2/20/2013
cis-Chlordane	< 3.0	ug/Kg		2/20/2013
delta-BHC	< 3.0	ug/Kg		2/20/2013
Dieldrin	< 3.0	ug/Kg		2/20/2013
Endosulfan I	< 3.0	ug/Kg		2/20/2013
Endosulfan II	< 3.0	ug/Kg		2/20/2013
Endosulfan Sulfate	< 3.0	ug/Kg		2/20/2013
Endrin	< 3.0	ug/Kg		2/20/2013
Endrin Aldehyde	< 3.0	ug/Kg		2/20/2013
Endrin Ketone	< 3.0	ug/Kg		2/20/2013
gamma-BHC (Lindane)	< 3.0	ug/Kg		2/20/2013
Heptachlor	< 3.0	ug/Kg		2/20/2013
Heptachlor Epoxide	< 3.0	ug/Kg		2/20/2013
Methoxychlor	< 3.0	ug/Kg		2/20/2013
Toxaphene	< 30	ug/Kg		2/20/2013
trans-Chlordane	< 3.0	ug/Kg		2/20/2013

Method Reference(s): EPA 8081B
EPA 3550C

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-14-18-021513
Lab Sample ID: 130620-02 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 300	ug/Kg		2/21/2013
1,2,4,5-Tetrachlorobenzene	< 300	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 300	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 300	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 300	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 300	ug/Kg		2/21/2013
2,4-Dinitrotoluene	< 300	ug/Kg		2/21/2013
2,6-Dichlorophenol	< 300	ug/Kg		2/21/2013
2,6-Dinitrotoluene	< 300	ug/Kg		2/21/2013
2-Chloronaphthalene	< 300	ug/Kg		2/21/2013
2-Methylnapthalene	< 300	ug/Kg		2/21/2013
2-Nitroaniline	< 590	ug/Kg		2/21/2013
3,3'-Dichlorobenzidine	< 300	ug/Kg		2/21/2013
3-Nitroaniline	< 590	ug/Kg		2/21/2013
4-Bromophenyl phenyl ether	< 300	ug/Kg		2/21/2013
4-Chloroaniline	< 300	ug/Kg		2/21/2013
4-Chlorophenyl phenyl ether	< 300	ug/Kg		2/21/2013
4-Nitroaniline	< 590	ug/Kg		2/21/2013
Acenaphthene	< 300	ug/Kg		2/21/2013
Acenaphthylene	< 300	ug/Kg		2/21/2013
Acetophenone	< 300	ug/Kg		2/21/2013
Anthracene	< 300	ug/Kg		2/21/2013
Atrazine	< 300	ug/Kg		2/21/2013
Benzaldehyde	< 300	ug/Kg		2/21/2013
Benzo (a) anthracene	< 300	ug/Kg		2/21/2013
Benzo (a) pyrene	< 300	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-14-18-021513
Lab Sample ID: 130620-02 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Benzo (b) fluoranthene	< 300	ug/Kg	2/21/2013
Benzo (g,h,i) perylene	< 300	ug/Kg	2/21/2013
Benzo (k) fluoranthene	< 300	ug/Kg	2/21/2013
Bis (2-chloroethoxy) methane	< 300	ug/Kg	2/21/2013
Bis (2-chloroethyl) ether	< 300	ug/Kg	2/21/2013
Bis (2-chloroisopropyl) ether	< 300	ug/Kg	2/21/2013
Bis (2-ethylhexyl) phthalate	< 300	ug/Kg	2/21/2013
Butylbenzylphthalate	< 300	ug/Kg	2/21/2013
Caprolactam	< 300	ug/Kg	2/21/2013
Carbazole	< 300	ug/Kg	2/21/2013
Chrysene	< 300	ug/Kg	2/21/2013
Dibenz (a,h) anthracene	< 300	ug/Kg	2/21/2013
Dibenzofuran	< 300	ug/Kg	2/21/2013
Diethyl phthalate	< 300	ug/Kg	2/21/2013
Dimethyl phthalate	< 590	ug/Kg	2/21/2013
Di-n-butyl phthalate	< 300	ug/Kg	2/21/2013
Di-n-octylphthalate	< 300	ug/Kg	2/21/2013
Fluoranthene	< 300	ug/Kg	2/21/2013
Fluorene	< 300	ug/Kg	2/21/2013
Hexachlorobenzene	< 300	ug/Kg	2/21/2013
Hexachlorobutadiene	< 300	ug/Kg	2/21/2013
Hexachlorocyclopentadiene	< 300	ug/Kg	2/21/2013
Hexachloroethane	< 300	ug/Kg	2/21/2013
Indeno (1,2,3-cd) pyrene	< 300	ug/Kg	2/21/2013
Isophorone	< 300	ug/Kg	2/21/2013
Naphthalene	< 300	ug/Kg	2/21/2013
Nitrobenzene	< 300	ug/Kg	2/21/2013
N-Nitroso-di-n-propylamine	< 300	ug/Kg	2/21/2013
N-Nitrosodiphenylamine	< 300	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-14-18-021513

Lab Sample ID: 130620-02 **Date Sampled:** 2/15/2013

Matrix: Soil **Date Received:** 2/18/2013

Phenanthrene		< 300	ug/Kg	2/21/2013
Pyrene		< 300	ug/Kg	2/21/2013

Method Reference(s): EPA 8270C
EPA 3550C

Data File: S68011.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-20-021513
Lab Sample ID: 130620-03 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.0	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 4.0	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 4.0	ug/Kg		2/21/2013
1,1-Dichloroethane	< 4.0	ug/Kg		2/21/2013
1,1-Dichloroethene	< 4.0	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 20	ug/Kg		2/21/2013
1,2-Dibromoethane	< 4.0	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 4.0	ug/Kg		2/21/2013
1,2-Dichloroethane	< 4.0	ug/Kg		2/21/2013
1,2-Dichloropropane	< 4.0	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 4.0	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 4.0	ug/Kg		2/21/2013
1,4-dioxane	< 40	ug/Kg		2/21/2013
2-Butanone	< 20	ug/Kg		2/21/2013
2-Hexanone	< 10	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 10	ug/Kg		2/21/2013
Acetone	**33**	ug/Kg	B	2/21/2013
Benzene	< 4.0	ug/Kg		2/21/2013
Bromochloromethane	< 10	ug/Kg		2/21/2013
Bromodichloromethane	< 4.0	ug/Kg		2/21/2013
Bromoform	< 10	ug/Kg		2/21/2013
Bromomethane	< 4.0	ug/Kg		2/21/2013

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-20-021513
Lab Sample ID: 130620-03 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Carbon disulfide	< 4.0	ug/Kg	2/21/2013
Carbon Tetrachloride	< 4.0	ug/Kg	2/21/2013
Chlorobenzene	< 4.0	ug/Kg	2/21/2013
Chloroethane	< 4.0	ug/Kg	2/21/2013
Chloroform	< 4.0	ug/Kg	2/21/2013
Chloromethane	< 4.0	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 4.0	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 4.0	ug/Kg	2/21/2013
Cyclohexane	< 20	ug/Kg	2/21/2013
Dibromochloromethane	< 4.0	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 4.0	ug/Kg	2/21/2013
Ethylbenzene	< 4.0	ug/Kg	2/21/2013
Freon 113	< 4.0	ug/Kg	2/21/2013
Isopropylbenzene	< 4.0	ug/Kg	2/21/2013
m,p-Xylene	< 4.0	ug/Kg	2/21/2013
Methyl acetate	< 4.0	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 4.0	ug/Kg	2/21/2013
Methylcyclohexane	< 4.0	ug/Kg	2/21/2013
Methylene chloride	< 10	ug/Kg	2/21/2013
o-Xylene	< 4.0	ug/Kg	2/21/2013
Styrene	< 10	ug/Kg	2/21/2013
Tetrachloroethene	< 4.0	ug/Kg	2/21/2013
Toluene	< 4.0	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 4.0	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 4.0	ug/Kg	2/21/2013
Trichloroethene	< 4.0	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-20-021513
Lab Sample ID: 130620-03 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Trichlorofluoromethane	< 4.0	ug/Kg	2/21/2013
Vinyl chloride	< 4.0	ug/Kg	2/21/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified
Data File: X03547.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-26-021513
Lab Sample ID: 130620-04 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.1	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 4.1	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 4.1	ug/Kg		2/21/2013
1,1-Dichloroethane	< 4.1	ug/Kg		2/21/2013
1,1-Dichloroethene	< 4.1	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 21	ug/Kg		2/21/2013
1,2-Dibromoethane	< 4.1	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 4.1	ug/Kg		2/21/2013
1,2-Dichloroethane	< 4.1	ug/Kg		2/21/2013
1,2-Dichloropropane	< 4.1	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 4.1	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 4.1	ug/Kg		2/21/2013
1,4-dioxane	< 41	ug/Kg		2/21/2013
2-Butanone	< 21	ug/Kg		2/21/2013
2-Hexanone	< 10	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 10	ug/Kg		2/21/2013
Acetone	**33**	ug/Kg	B	2/21/2013
Benzene	< 4.1	ug/Kg		2/21/2013
Bromochloromethane	< 10	ug/Kg		2/21/2013
Bromodichloromethane	< 4.1	ug/Kg		2/21/2013
Bromoform	< 10	ug/Kg		2/21/2013
Bromomethane	< 4.1	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-26-021513
Lab Sample ID: 130620-04 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Carbon disulfide	< 4.1	ug/Kg	2/21/2013
Carbon Tetrachloride	< 4.1	ug/Kg	2/21/2013
Chlorobenzene	< 4.1	ug/Kg	2/21/2013
Chloroethane	< 4.1	ug/Kg	2/21/2013
Chloroform	< 4.1	ug/Kg	2/21/2013
Chloromethane	< 4.1	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 4.1	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 4.1	ug/Kg	2/21/2013
Cyclohexane	< 21	ug/Kg	2/21/2013
Dibromochloromethane	< 4.1	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 4.1	ug/Kg	2/21/2013
Ethylbenzene	< 4.1	ug/Kg	2/21/2013
Freon 113	< 4.1	ug/Kg	2/21/2013
Isopropylbenzene	< 4.1	ug/Kg	2/21/2013
m,p-Xylene	< 4.1	ug/Kg	2/21/2013
Methyl acetate	< 4.1	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 4.1	ug/Kg	2/21/2013
Methylcyclohexane	< 4.1	ug/Kg	2/21/2013
Methylene chloride	< 10	ug/Kg	2/21/2013
o-Xylene	< 4.1	ug/Kg	2/21/2013
Styrene	< 10	ug/Kg	2/21/2013
Tetrachloroethene	< 4.1	ug/Kg	2/21/2013
Toluene	< 4.1	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 4.1	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 4.1	ug/Kg	2/21/2013
Trichloroethene	< 4.1	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-118-26-021513
Lab Sample ID: 130620-04 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Trichlorofluoromethane	< 4.1	ug/Kg	2/21/2013
Vinyl chloride	< 4.1	ug/Kg	2/21/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified
Data File: X03548.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-14-021513
Lab Sample ID: 130620-05 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.1	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 4.1	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 4.1	ug/Kg		2/21/2013
1,1-Dichloroethane	< 4.1	ug/Kg		2/21/2013
1,1-Dichloroethene	< 4.1	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 20	ug/Kg		2/21/2013
1,2-Dibromoethane	< 4.1	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 4.1	ug/Kg		2/21/2013
1,2-Dichloroethane	< 4.1	ug/Kg		2/21/2013
1,2-Dichloropropane	< 4.1	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 4.1	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 4.1	ug/Kg		2/21/2013
1,4-dioxane	< 41	ug/Kg		2/21/2013
2-Butanone	< 20	ug/Kg		2/21/2013
2-Hexanone	< 10	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 10	ug/Kg		2/21/2013
Acetone	**66**	ug/Kg	B	2/21/2013
Benzene	< 4.1	ug/Kg		2/21/2013
Bromochloromethane	< 10	ug/Kg		2/21/2013
Bromodichloromethane	< 4.1	ug/Kg		2/21/2013
Bromoform	< 10	ug/Kg		2/21/2013
Bromomethane	< 4.1	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-14-021513
Lab Sample ID: 130620-05 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Carbon disulfide	< 4.1	ug/Kg		2/21/2013
Carbon Tetrachloride	< 4.1	ug/Kg		2/21/2013
Chlorobenzene	< 4.1	ug/Kg		2/21/2013
Chloroethane	< 4.1	ug/Kg		2/21/2013
Chloroform	< 4.1	ug/Kg		2/21/2013
Chloromethane	< 4.1	ug/Kg		2/21/2013
cis-1,2-Dichloroethene	< 4.1	ug/Kg		2/21/2013
cis-1,3-Dichloropropene	< 4.1	ug/Kg		2/21/2013
Cyclohexane	< 20	ug/Kg		2/21/2013
Dibromochloromethane	< 4.1	ug/Kg		2/21/2013
Dichlorodifluoromethane	< 4.1	ug/Kg		2/21/2013
Ethylbenzene	< 4.1	ug/Kg		2/21/2013
Freon 113	< 4.1	ug/Kg		2/21/2013
Isopropylbenzene	< 4.1	ug/Kg		2/21/2013
m,p-Xylene	**2.3**	ug/Kg	J	2/21/2013
Methyl acetate	< 4.1	ug/Kg		2/21/2013
Methyl tert-butyl Ether	< 4.1	ug/Kg		2/21/2013
Methylcyclohexane	< 4.1	ug/Kg		2/21/2013
Methylene chloride	< 10	ug/Kg		2/21/2013
o-Xylene	< 4.1	ug/Kg		2/21/2013
Styrene	< 10	ug/Kg		2/21/2013
Tetrachloroethene	< 4.1	ug/Kg		2/21/2013
Toluene	< 4.1	ug/Kg		2/21/2013
trans-1,2-Dichloroethene	< 4.1	ug/Kg		2/21/2013
trans-1,3-Dichloropropene	< 4.1	ug/Kg		2/21/2013
Trichloroethene	< 4.1	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-14-021513
Lab Sample ID: 130620-05 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Trichlorofluoromethane	< 4.1	ug/Kg	2/21/2013
Vinyl chloride	< 4.1	ug/Kg	2/21/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified
Data File: X03549.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-18-22-021513
Lab Sample ID: 130620-06 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.0064**	mg/Kg	JL	2/20/2013

Method Reference(s): EPA 7471B
Data File: hg130220a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-18-22-021513
Lab Sample ID: 130620-06 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2700**	mg/Kg		2/22/2013
Antimony	< 6.5	mg/Kg		2/22/2013
Arsenic	**1.3**	mg/Kg		2/22/2013
Barium	**11**	mg/Kg		2/22/2013
Beryllium	< 0.54	mg/Kg		2/22/2013
Cadmium	**0.28**	mg/Kg	J	2/22/2013
Calcium	**67000**	mg/Kg		2/22/2013
Chromium	**4.3**	mg/Kg		2/22/2013
Cobalt	< 5.4	mg/Kg		2/22/2013
Copper	**7.7**	mg/Kg		2/22/2013
Iron	**6100**	mg/Kg		2/22/2013
Lead (Axial)	**6.4**	mg/Kg		2/22/2013
Magnesium	**27000**	mg/Kg		2/22/2013
Manganese	**220**	mg/Kg		2/22/2013
Nickel	**4.2**	mg/Kg	J	2/22/2013
Potassium	**760**	mg/Kg		2/22/2013
Selenium	< 1.1	mg/Kg		2/22/2013
Silver	< 1.1	mg/Kg		2/22/2013
Sodium	**300**	mg/Kg		2/22/2013
Thallium	< 2.7	mg/Kg		2/22/2013
Vanadium	**9.0**	mg/Kg		2/22/2013
Zinc	**63**	mg/Kg		2/22/2013

Method Reference(s): EPA 6010B
EPA 3050
Data File: 022213a

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-18-22-021513
Lab Sample ID: 130620-06 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.030	mg/Kg		2/20/2013
PCB-1221	< 0.030	mg/Kg		2/20/2013
PCB-1232	< 0.030	mg/Kg		2/20/2013
PCB-1242	< 0.030	mg/Kg		2/20/2013
PCB-1248	< 0.030	mg/Kg		2/20/2013
PCB-1254	< 0.030	mg/Kg		2/20/2013
PCB-1260	< 0.030	mg/Kg		2/20/2013
PCB-1262	< 0.030	mg/Kg		2/20/2013
PCB-1268	< 0.030	mg/Kg		2/20/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-18-22-021513
Lab Sample ID: 130620-06 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.0	ug/Kg		2/20/2013
4,4-DDE	< 3.0	ug/Kg		2/20/2013
4,4-DDT	< 3.0	ug/Kg		2/20/2013
Aldrin	< 3.0	ug/Kg		2/20/2013
alpha-BHC	< 3.0	ug/Kg		2/20/2013
beta-BHC	< 3.0	ug/Kg		2/20/2013
cis-Chlordane	< 3.0	ug/Kg		2/20/2013
delta-BHC	< 3.0	ug/Kg		2/20/2013
Dieldrin	< 3.0	ug/Kg		2/20/2013
Endosulfan I	< 3.0	ug/Kg		2/20/2013
Endosulfan II	< 3.0	ug/Kg		2/20/2013
Endosulfan Sulfate	< 3.0	ug/Kg		2/20/2013
Endrin	< 3.0	ug/Kg		2/20/2013
Endrin Aldehyde	< 3.0	ug/Kg		2/20/2013
Endrin Ketone	< 3.0	ug/Kg		2/20/2013
gamma-BHC (Lindane)	< 3.0	ug/Kg		2/20/2013
Heptachlor	< 3.0	ug/Kg		2/20/2013
Heptachlor Epoxide	< 3.0	ug/Kg		2/20/2013
Methoxychlor	< 3.0	ug/Kg		2/20/2013
Toxaphene	< 30	ug/Kg		2/20/2013
trans-Chlordane	< 3.0	ug/Kg		2/20/2013

Method Reference(s): EPA 8081B
EPA 3550C

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-18-22-021513
Lab Sample ID: 130620-06 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 300	ug/Kg		2/21/2013
1,2,4,5-Tetrachlorobenzene	< 300	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 300	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 300	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 300	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 300	ug/Kg		2/21/2013
2,4-Dinitrotoluene	< 300	ug/Kg		2/21/2013
2,6-Dichlorophenol	< 300	ug/Kg		2/21/2013
2,6-Dinitrotoluene	< 300	ug/Kg		2/21/2013
2-Chloronaphthalene	< 300	ug/Kg		2/21/2013
2-Methylnapthalene	< 300	ug/Kg		2/21/2013
2-Nitroaniline	< 600	ug/Kg		2/21/2013
3,3'-Dichlorobenzidine	< 300	ug/Kg		2/21/2013
3-Nitroaniline	< 600	ug/Kg		2/21/2013
4-Bromophenyl phenyl ether	< 300	ug/Kg		2/21/2013
4-Chloroaniline	< 300	ug/Kg		2/21/2013
4-Chlorophenyl phenyl ether	< 300	ug/Kg		2/21/2013
4-Nitroaniline	< 600	ug/Kg		2/21/2013
Acenaphthene	< 300	ug/Kg		2/21/2013
Acenaphthylene	< 300	ug/Kg		2/21/2013
Acetophenone	< 300	ug/Kg		2/21/2013
Anthracene	< 300	ug/Kg		2/21/2013
Atrazine	< 300	ug/Kg		2/21/2013
Benzaldehyde	< 300	ug/Kg		2/21/2013
Benzo (a) anthracene	< 300	ug/Kg		2/21/2013
Benzo (a) pyrene	< 300	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-18-22-021513
Lab Sample ID: 130620-06 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Benzo (b) fluoranthene	< 300	ug/Kg	2/21/2013
Benzo (g,h,i) perylene	< 300	ug/Kg	2/21/2013
Benzo (k) fluoranthene	< 300	ug/Kg	2/21/2013
Bis (2-chloroethoxy) methane	< 300	ug/Kg	2/21/2013
Bis (2-chloroethyl) ether	< 300	ug/Kg	2/21/2013
Bis (2-chloroisopropyl) ether	< 300	ug/Kg	2/21/2013
Bis (2-ethylhexyl) phthalate	< 300	ug/Kg	2/21/2013
Butylbenzylphthalate	< 300	ug/Kg	2/21/2013
Caprolactam	< 300	ug/Kg	2/21/2013
Carbazole	< 300	ug/Kg	2/21/2013
Chrysene	< 300	ug/Kg	2/21/2013
Dibenz (a,h) anthracene	< 300	ug/Kg	2/21/2013
Dibenzofuran	< 300	ug/Kg	2/21/2013
Diethyl phthalate	< 300	ug/Kg	2/21/2013
Dimethyl phthalate	< 600	ug/Kg	2/21/2013
Di-n-butyl phthalate	< 300	ug/Kg	2/21/2013
Di-n-octylphthalate	< 300	ug/Kg	2/21/2013
Fluoranthene	< 300	ug/Kg	2/21/2013
Fluorene	< 300	ug/Kg	2/21/2013
Hexachlorobenzene	< 300	ug/Kg	2/21/2013
Hexachlorobutadiene	< 300	ug/Kg	2/21/2013
Hexachlorocyclopentadiene	< 300	ug/Kg	2/21/2013
Hexachloroethane	< 300	ug/Kg	2/21/2013
Indeno (1,2,3-cd) pyrene	< 300	ug/Kg	2/21/2013
Isophorone	< 300	ug/Kg	2/21/2013
Naphthalene	< 300	ug/Kg	2/21/2013
Nitrobenzene	< 300	ug/Kg	2/21/2013
N-Nitroso-di-n-propylamine	< 300	ug/Kg	2/21/2013
N-Nitrosodiphenylamine	< 300	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-18-22-021513
Lab Sample ID: 130620-06 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Phenanthrene	< 300	ug/Kg	2/21/2013
Pyrene	< 300	ug/Kg	2/21/2013

Surrogate outliers indicate probable matrix interference

Method Reference(s): EPA 8270C
EPA 3550C

Data File: S68012.D

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Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-19-021513
Lab Sample ID: 130620-07 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.8	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 3.8	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 3.8	ug/Kg		2/21/2013
1,1-Dichloroethane	< 3.8	ug/Kg		2/21/2013
1,1-Dichloroethene	< 3.8	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 9.4	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 9.4	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		2/21/2013
1,2-Dibromoethane	< 3.8	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 3.8	ug/Kg		2/21/2013
1,2-Dichloroethane	< 3.8	ug/Kg		2/21/2013
1,2-Dichloropropane	< 3.8	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 3.8	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 3.8	ug/Kg		2/21/2013
1,4-dioxane	< 38	ug/Kg		2/21/2013
2-Butanone	< 19	ug/Kg		2/21/2013
2-Hexanone	< 9.4	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 9.4	ug/Kg		2/21/2013
Acetone	**52**	ug/Kg	B	2/21/2013
Benzene	< 3.8	ug/Kg		2/21/2013
Bromochloromethane	< 9.4	ug/Kg		2/21/2013
Bromodichloromethane	< 3.8	ug/Kg		2/21/2013
Bromoform	< 9.4	ug/Kg		2/21/2013
Bromomethane	< 3.8	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-19-021513
Lab Sample ID: 130620-07 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Carbon disulfide	< 3.8	ug/Kg	2/21/2013
Carbon Tetrachloride	< 3.8	ug/Kg	2/21/2013
Chlorobenzene	< 3.8	ug/Kg	2/21/2013
Chloroethane	< 3.8	ug/Kg	2/21/2013
Chloroform	< 3.8	ug/Kg	2/21/2013
Chloromethane	< 3.8	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 3.8	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 3.8	ug/Kg	2/21/2013
Cyclohexane	< 19	ug/Kg	2/21/2013
Dibromochloromethane	< 3.8	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 3.8	ug/Kg	2/21/2013
Ethylbenzene	< 3.8	ug/Kg	2/21/2013
Freon 113	< 3.8	ug/Kg	2/21/2013
Isopropylbenzene	< 3.8	ug/Kg	2/21/2013
m,p-Xylene	< 3.8	ug/Kg	2/21/2013
Methyl acetate	< 3.8	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 3.8	ug/Kg	2/21/2013
Methylcyclohexane	< 3.8	ug/Kg	2/21/2013
Methylene chloride	< 9.4	ug/Kg	2/21/2013
o-Xylene	< 3.8	ug/Kg	2/21/2013
Styrene	< 9.4	ug/Kg	2/21/2013
Tetrachloroethene	< 3.8	ug/Kg	2/21/2013
Toluene	< 3.8	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 3.8	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 3.8	ug/Kg	2/21/2013
Trichloroethene	< 3.8	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-19-021513
Lab Sample ID: 130620-07 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Trichlorofluoromethane	< 3.8	ug/Kg	2/21/2013
Vinyl chloride	< 3.8	ug/Kg	2/21/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified
Data File: X03550.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-26-021513
Lab Sample ID: 130620-08 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.3	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 4.3	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 4.3	ug/Kg		2/21/2013
1,1-Dichloroethane	< 4.3	ug/Kg		2/21/2013
1,1-Dichloroethene	< 4.3	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 11	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 11	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 22	ug/Kg		2/21/2013
1,2-Dibromoethane	< 4.3	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 4.3	ug/Kg		2/21/2013
1,2-Dichloroethane	< 4.3	ug/Kg		2/21/2013
1,2-Dichloropropane	< 4.3	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 4.3	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 4.3	ug/Kg		2/21/2013
1,4-dioxane	< 43	ug/Kg		2/21/2013
2-Butanone	< 22	ug/Kg		2/21/2013
2-Hexanone	< 11	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 11	ug/Kg		2/21/2013
Acetone	**41**	ug/Kg	B	2/21/2013
Benzene	< 4.3	ug/Kg		2/21/2013
Bromochloromethane	< 11	ug/Kg		2/21/2013
Bromodichloromethane	< 4.3	ug/Kg		2/21/2013
Bromoform	< 11	ug/Kg		2/21/2013
Bromomethane	< 4.3	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-26-021513
Lab Sample ID: 130620-08 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Carbon disulfide	< 4.3	ug/Kg	2/21/2013
Carbon Tetrachloride	< 4.3	ug/Kg	2/21/2013
Chlorobenzene	< 4.3	ug/Kg	2/21/2013
Chloroethane	< 4.3	ug/Kg	2/21/2013
Chloroform	< 4.3	ug/Kg	2/21/2013
Chloromethane	< 4.3	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 4.3	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 4.3	ug/Kg	2/21/2013
Cyclohexane	< 22	ug/Kg	2/21/2013
Dibromochloromethane	< 4.3	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 4.3	ug/Kg	2/21/2013
Ethylbenzene	< 4.3	ug/Kg	2/21/2013
Freon 113	< 4.3	ug/Kg	2/21/2013
Isopropylbenzene	< 4.3	ug/Kg	2/21/2013
m,p-Xylene	< 4.3	ug/Kg	2/21/2013
Methyl acetate	< 4.3	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 4.3	ug/Kg	2/21/2013
Methylcyclohexane	< 4.3	ug/Kg	2/21/2013
Methylene chloride	< 11	ug/Kg	2/21/2013
o-Xylene	< 4.3	ug/Kg	2/21/2013
Styrene	< 11	ug/Kg	2/21/2013
Tetrachloroethene	< 4.3	ug/Kg	2/21/2013
Toluene	< 4.3	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 4.3	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 4.3	ug/Kg	2/21/2013
Trichloroethene	< 4.3	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Sample Identifier: TP-119-26-021513
Lab Sample ID: 130620-08 **Date Sampled:** 2/15/2013
Matrix: Soil **Date Received:** 2/18/2013

Trichlorofluoromethane	< 4.3	ug/Kg	2/21/2013
Vinyl chloride	< 4.3	ug/Kg	2/21/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified
Data File: X03551.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Matrix: Soil

Method Blank for

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.0	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 2.0	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 2.0	ug/Kg		2/21/2013
1,1-Dichloroethane	< 2.0	ug/Kg		2/21/2013
1,1-Dichloroethene	< 2.0	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 5.0	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 5.0	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 10	ug/Kg		2/21/2013
1,2-Dibromoethane	< 2.0	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 2.0	ug/Kg		2/21/2013
1,2-Dichloroethane	< 2.0	ug/Kg		2/21/2013
1,2-Dichloropropane	< 2.0	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 2.0	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 2.0	ug/Kg		2/21/2013
1,4-dioxane	< 20	ug/Kg		2/21/2013
2-Butanone	< 10	ug/Kg		2/21/2013
2-Hexanone	< 5.0	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 5.0	ug/Kg		2/21/2013
Acetone	**18**	ug/Kg		2/21/2013
Benzene	< 2.0	ug/Kg		2/21/2013
Bromochloromethane	< 5.0	ug/Kg		2/21/2013
Bromodichloromethane	< 2.0	ug/Kg		2/21/2013
Bromoform	< 5.0	ug/Kg		2/21/2013
Bromomethane	< 2.0	ug/Kg		2/21/2013

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Matrix: Soil

Carbon disulfide	< 2.0	ug/Kg	2/21/2013
Carbon Tetrachloride	< 2.0	ug/Kg	2/21/2013
Chlorobenzene	< 2.0	ug/Kg	2/21/2013
Chloroethane	< 2.0	ug/Kg	2/21/2013
Chloroform	< 2.0	ug/Kg	2/21/2013
Chloromethane	< 2.0	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 2.0	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 2.0	ug/Kg	2/21/2013
Cyclohexane	< 10	ug/Kg	2/21/2013
Dibromochloromethane	< 2.0	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 2.0	ug/Kg	2/21/2013
Ethylbenzene	< 2.0	ug/Kg	2/21/2013
Freon 113	< 2.0	ug/Kg	2/21/2013
Isopropylbenzene	< 2.0	ug/Kg	2/21/2013
m,p-Xylene	< 2.0	ug/Kg	2/21/2013
Methyl acetate	< 2.0	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 2.0	ug/Kg	2/21/2013
Methylcyclohexane	< 2.0	ug/Kg	2/21/2013
Methylene chloride	< 5.0	ug/Kg	2/21/2013
o-Xylene	< 2.0	ug/Kg	2/21/2013
Styrene	< 5.0	ug/Kg	2/21/2013
Tetrachloroethene	< 2.0	ug/Kg	2/21/2013
Toluene	< 2.0	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 2.0	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 2.0	ug/Kg	2/21/2013
Trichloroethene	< 2.0	ug/Kg	2/21/2013
Trichlorofluoromethane	< 2.0	ug/Kg	2/21/2013

Report Prepared Monday, February 25, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130620

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main Street

Matrix: Soil

Vinyl chloride	< 2.0	ug/Kg	2/21/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified
Data File: X03545.D
QC Number: 1
QC Batch ID: voas022113

Report Prepared Monday, February 25, 2013

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

1of2

REPORT TO:	INVOICE TO:	LAB PROJECT ID
CLIENT: GZA GeoEnvironmental	CLIENT:	130620
ADDRESS: 535 Washington St.	ADDRESS:	
CITY: Buffalo STATE: NY ZIP: 14203	CITY: → STATE: ZIP:	Quotation #: JH111612 (rev. 11/19/12)
PHONE: 716 685-2300	PHONE:	Email: christopher.boron@gza.com
ATTN: C. Boron / T. Bohlen	ATTN:	thomas.bohlen@gza.com

PROJECT REFERENCE
1001 Main Street

Matrix Codes:
AQ - Aqueous Liquid
NQ - Non-Aqueous Liquid
WA - Water
WG - Groundwater
DW - Drinking Water
WW - Wastewater
SO - Soil
SL - Sludge
SD - Solid
PT - Paint
WP - Wipe
CK - Caulk
OL - Oil
AR - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOC 8260 TCL	SVOC 8270 bn	Metals TAL	PCBs 8082	Pest. 8081	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/15/13	810		X	TP-118-14-021513	SO	1	X						01
2		815	X		TP-118-14-18-021513		1		X	X	X	X		02
3		820		X	TP-118-20-021513		1	X						03
4		830		X	TP-118-26-021513		1	X						04
5		1045		X	TP-119-14-021513		1	X						05
6		1050	X		TP-119-18-22-021513		1		X	X	X	X		06
7		1050		X	TP-119-19-021513		1	X						07
8		1100		X	TP-119-26-021513		1	X						08
9														
10														

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☒	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☒
Rush 2 day	☐	Category B	☒		
Rush 1 day	☐				
Other please indicate:	☐	Other please indicate:	☐	Other EDD please indicate:	☐

Sampled By: Thomas Bohlen Date/Time: 2/15/13

Relinquished By: Thomas Bohlen Date/Time: 2/15/13

Received By: [signature] Date/Time: 2/15/13

Received @ Lab By: Elizabeth A Honch Date/Time: 2/18/13 1409

Rec'd at 2°C iced from samples

Total Cost: 2/18 @ 1025, Cooler Rec'd w/ custody seals intact.

P.I.F. ☐

PARADIGM ENVIRONMENTAL SERVICES, LLC

Chain of Custody Supplement

Client: GZA **Completed by:** EAH

Lab Project ID: 130620 **Date:** 2/18

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X	X 5035	
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation	X		X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X - Metals
Comments	2°C iced from samples 2/18 @ 1025		
Sufficient Sample Quantity	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-14-021913

Lab Sample ID: 130640-01 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.6	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 3.6	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 3.6	ug/Kg		2/21/2013
1,1-Dichloroethane	< 3.6	ug/Kg		2/21/2013
1,1-Dichloroethene	< 3.6	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 9.0	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 9.0	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 18	ug/Kg		2/21/2013
1,2-Dibromoethane	< 3.6	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 3.6	ug/Kg		2/21/2013
1,2-Dichloroethane	< 3.6	ug/Kg		2/21/2013
1,2-Dichloropropane	< 3.6	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 3.6	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 3.6	ug/Kg		2/21/2013
1,4-dioxane	< 36	ug/Kg		2/21/2013
2-Butanone	< 18	ug/Kg		2/21/2013
2-Hexanone	< 9.0	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 9.0	ug/Kg		2/21/2013
Acetone	**43**	ug/Kg	B	2/21/2013
Benzene	< 3.6	ug/Kg		2/21/2013
Bromochloromethane	< 9.0	ug/Kg		2/21/2013
Bromodichloromethane	< 3.6	ug/Kg		2/21/2013
Bromoform	< 9.0	ug/Kg		2/21/2013
Bromomethane	< 3.6	ug/Kg		2/21/2013
Carbon disulfide	< 3.6	ug/Kg		2/21/2013
Carbon Tetrachloride	< 3.6	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-14-021913

Lab Sample ID: 130640-01 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Chlorobenzene	< 3.6	ug/Kg	2/21/2013
Chloroethane	< 3.6	ug/Kg	2/21/2013
Chloroform	< 3.6	ug/Kg	2/21/2013
Chloromethane	< 3.6	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 3.6	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 3.6	ug/Kg	2/21/2013
Cyclohexane	< 18	ug/Kg	2/21/2013
Dibromochloromethane	< 3.6	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 3.6	ug/Kg	2/21/2013
Ethylbenzene	< 3.6	ug/Kg	2/21/2013
Freon 113	< 3.6	ug/Kg	2/21/2013
Isopropylbenzene	< 3.6	ug/Kg	2/21/2013
m,p-Xylene	< 3.6	ug/Kg	2/21/2013
Methyl acetate	< 3.6	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 3.6	ug/Kg	2/21/2013
Methylcyclohexane	< 3.6	ug/Kg	2/21/2013
Methylene chloride	< 9.0	ug/Kg	2/21/2013
o-Xylene	< 3.6	ug/Kg	2/21/2013
Styrene	< 9.0	ug/Kg	2/21/2013
Tetrachloroethene	< 3.6	ug/Kg	2/21/2013
Toluene	< 3.6	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 3.6	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 3.6	ug/Kg	2/21/2013
Trichloroethene	< 3.6	ug/Kg	2/21/2013
Trichlorofluoromethane	< 3.6	ug/Kg	2/21/2013
Vinyl chloride	< 3.6	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier:	TP-120-14-021913		
Lab Sample ID:	130640-01	**Date Sampled:**	2/19/2013
Matrix:	Soil	**Date Received:**	2/20/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03552.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-16-021913

Lab Sample ID: 130640-02 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.7	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 3.7	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 3.7	ug/Kg		2/21/2013
1,1-Dichloroethane	< 3.7	ug/Kg		2/21/2013
1,1-Dichloroethene	< 3.7	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 9.3	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 9.3	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		2/21/2013
1,2-Dibromoethane	< 3.7	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 3.7	ug/Kg		2/21/2013
1,2-Dichloroethane	< 3.7	ug/Kg		2/21/2013
1,2-Dichloropropane	< 3.7	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 3.7	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 3.7	ug/Kg		2/21/2013
1,4-dioxane	< 37	ug/Kg		2/21/2013
2-Butanone	< 19	ug/Kg		2/21/2013
2-Hexanone	< 9.3	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 9.3	ug/Kg		2/21/2013
Acetone	**38**	ug/Kg	B	2/21/2013
Benzene	< 3.7	ug/Kg		2/21/2013
Bromochloromethane	< 9.3	ug/Kg		2/21/2013
Bromodichloromethane	< 3.7	ug/Kg		2/21/2013
Bromoform	< 9.3	ug/Kg		2/21/2013
Bromomethane	< 3.7	ug/Kg		2/21/2013
Carbon disulfide	< 3.7	ug/Kg		2/21/2013
Carbon Tetrachloride	< 3.7	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-16-021913
Lab Sample ID: 130640-02 **Date Sampled:** 2/19/2013
Matrix: Soil **Date Received:** 2/20/2013

Chlorobenzene	< 3.7	ug/Kg	2/21/2013
Chloroethane	< 3.7	ug/Kg	2/21/2013
Chloroform	< 3.7	ug/Kg	2/21/2013
Chloromethane	< 3.7	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 3.7	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 3.7	ug/Kg	2/21/2013
Cyclohexane	< 19	ug/Kg	2/21/2013
Dibromochloromethane	< 3.7	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 3.7	ug/Kg	2/21/2013
Ethylbenzene	< 3.7	ug/Kg	2/21/2013
Freon 113	< 3.7	ug/Kg	2/21/2013
Isopropylbenzene	< 3.7	ug/Kg	2/21/2013
m,p-Xylene	< 3.7	ug/Kg	2/21/2013
Methyl acetate	< 3.7	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 3.7	ug/Kg	2/21/2013
Methylcyclohexane	< 3.7	ug/Kg	2/21/2013
Methylene chloride	< 9.3	ug/Kg	2/21/2013
o-Xylene	< 3.7	ug/Kg	2/21/2013
Styrene	< 9.3	ug/Kg	2/21/2013
Tetrachloroethene	< 3.7	ug/Kg	2/21/2013
Toluene	< 3.7	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 3.7	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 3.7	ug/Kg	2/21/2013
Trichloroethene	< 3.7	ug/Kg	2/21/2013
Trichlorofluoromethane	< 3.7	ug/Kg	2/21/2013
Vinyl chloride	< 3.7	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier:	TP-120-16-021913		
Lab Sample ID:	130640-02	**Date Sampled:**	2/19/2013
Matrix:	Soil	**Date Received:**	2/20/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03553.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-22-021913

Lab Sample ID: 130640-03 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.7	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 3.7	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 3.7	ug/Kg		2/21/2013
1,1-Dichloroethane	< 3.7	ug/Kg		2/21/2013
1,1-Dichloroethene	< 3.7	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 9.2	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 9.2	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 18	ug/Kg		2/21/2013
1,2-Dibromoethane	< 3.7	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 3.7	ug/Kg		2/21/2013
1,2-Dichloroethane	< 3.7	ug/Kg		2/21/2013
1,2-Dichloropropane	< 3.7	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 3.7	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 3.7	ug/Kg		2/21/2013
1,4-dioxane	< 37	ug/Kg		2/21/2013
2-Butanone	< 18	ug/Kg		2/21/2013
2-Hexanone	< 9.2	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 9.2	ug/Kg		2/21/2013
Acetone	**48**	ug/Kg	B	2/21/2013
Benzene	< 3.7	ug/Kg		2/21/2013
Bromochloromethane	< 9.2	ug/Kg		2/21/2013
Bromodichloromethane	< 3.7	ug/Kg		2/21/2013
Bromoform	< 9.2	ug/Kg		2/21/2013
Bromomethane	< 3.7	ug/Kg		2/21/2013
Carbon disulfide	< 3.7	ug/Kg		2/21/2013
Carbon Tetrachloride	< 3.7	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-22-021913
Lab Sample ID: 130640-03 **Date Sampled:** 2/19/2013
Matrix: Soil **Date Received:** 2/20/2013

Chlorobenzene	< 3.7	ug/Kg	2/21/2013
Chloroethane	< 3.7	ug/Kg	2/21/2013
Chloroform	< 3.7	ug/Kg	2/21/2013
Chloromethane	< 3.7	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 3.7	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 3.7	ug/Kg	2/21/2013
Cyclohexane	< 18	ug/Kg	2/21/2013
Dibromochloromethane	< 3.7	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 3.7	ug/Kg	2/21/2013
Ethylbenzene	< 3.7	ug/Kg	2/21/2013
Freon 113	< 3.7	ug/Kg	2/21/2013
Isopropylbenzene	< 3.7	ug/Kg	2/21/2013
m,p-Xylene	< 3.7	ug/Kg	2/21/2013
Methyl acetate	< 3.7	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 3.7	ug/Kg	2/21/2013
Methylcyclohexane	< 3.7	ug/Kg	2/21/2013
Methylene chloride	< 9.2	ug/Kg	2/21/2013
o-Xylene	< 3.7	ug/Kg	2/21/2013
Styrene	< 9.2	ug/Kg	2/21/2013
Tetrachloroethene	< 3.7	ug/Kg	2/21/2013
Toluene	< 3.7	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 3.7	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 3.7	ug/Kg	2/21/2013
Trichloroethene	< 3.7	ug/Kg	2/21/2013
Trichlorofluoromethane	< 3.7	ug/Kg	2/21/2013
Vinyl chloride	< 3.7	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier:	TP-120-22-021913		
Lab Sample ID:	130640-03	**Date Sampled:**	2/19/2013
Matrix:	Soil	**Date Received:**	2/20/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03554.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-22-26-021913

Lab Sample ID: 130640-04 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.0067**	mg/Kg	J	2/25/2013

Method Reference(s): EPA 7471B

Data File: hg130225a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-22-26-021913

Lab Sample ID: 130640-04 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2600**	mg/Kg		2/22/2013
Antimony	< 6.2	mg/Kg		2/22/2013
Arsenic	**1.3**	mg/Kg		2/22/2013
Barium	**9.5**	mg/Kg	J	2/22/2013
Beryllium	< 0.52	mg/Kg		2/22/2013
Cadmium	**0.36**	mg/Kg	J	2/22/2013
Calcium	**57000**	mg/Kg		2/22/2013
Chromium	**4.5**	mg/Kg		2/22/2013
Cobalt	< 5.2	mg/Kg		2/22/2013
Copper	**6.9**	mg/Kg		2/22/2013
Iron	**6500**	mg/Kg		2/22/2013
Lead (Axial)	**7.2**	mg/Kg		2/22/2013
Magnesium	**22000**	mg/Kg		2/22/2013
Manganese	**210**	mg/Kg		2/22/2013
Nickel	**3.6**	mg/Kg	J	2/22/2013
Potassium	**690**	mg/Kg		2/22/2013
Selenium	< 1.0	mg/Kg		2/22/2013
Silver	< 1.0	mg/Kg		2/22/2013
Sodium	**260**	mg/Kg		2/22/2013
Thallium	< 2.6	mg/Kg		2/22/2013
Vanadium	**9.8**	mg/Kg		2/22/2013
Zinc	**68**	mg/Kg		2/22/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 022213a

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-22-26-021913

Lab Sample ID: 130640-04 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.031	mg/Kg		2/25/2013
PCB-1221	< 0.031	mg/Kg		2/25/2013
PCB-1232	< 0.031	mg/Kg		2/25/2013
PCB-1242	< 0.031	mg/Kg		2/25/2013
PCB-1248	< 0.031	mg/Kg		2/25/2013
PCB-1254	< 0.031	mg/Kg		2/25/2013
PCB-1260	< 0.031	mg/Kg		2/25/2013
PCB-1262	< 0.031	mg/Kg		2/25/2013
PCB-1268	< 0.031	mg/Kg		2/25/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-22-26-021913

Lab Sample ID: 130640-04 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.1	ug/Kg		2/22/2013
4,4-DDE	< 3.1	ug/Kg		2/22/2013
4,4-DDT	< 3.1	ug/Kg		2/22/2013
Aldrin	< 3.1	ug/Kg		2/22/2013
alpha-BHC	< 3.1	ug/Kg		2/22/2013
beta-BHC	< 3.1	ug/Kg		2/22/2013
cis-Chlordane	< 3.1	ug/Kg		2/22/2013
delta-BHC	< 3.1	ug/Kg		2/22/2013
Dieldrin	< 3.1	ug/Kg		2/22/2013
Endosulfan I	< 3.1	ug/Kg		2/22/2013
Endosulfan II	< 3.1	ug/Kg		2/22/2013
Endosulfan Sulfate	< 3.1	ug/Kg		2/22/2013
Endrin	< 3.1	ug/Kg		2/22/2013
Endrin Aldehyde	< 3.1	ug/Kg		2/22/2013
Endrin Ketone	< 3.1	ug/Kg		2/22/2013
gamma-BHC (Lindane)	< 3.1	ug/Kg		2/22/2013
Heptachlor	< 3.1	ug/Kg		2/22/2013
Heptachlor Epoxide	< 3.1	ug/Kg		2/22/2013
Methoxychlor	< 3.1	ug/Kg		2/22/2013
Toxaphene	< 31	ug/Kg		2/22/2013
trans-Chlordane	< 3.1	ug/Kg		2/22/2013

Method Reference(s): EPA 8081B
EPA 3550C

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-22-26-021913
Lab Sample ID: 130640-04 **Date Sampled:** 2/19/2013
Matrix: Soil **Date Received:** 2/20/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 310	ug/Kg		2/21/2013
1,2,4,5-Tetrachlorobenzene	< 310	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 310	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 310	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 310	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 310	ug/Kg		2/21/2013
2,4-Dinitrotoluene	< 310	ug/Kg		2/21/2013
2,6-Dichlorophenol	< 310	ug/Kg		2/21/2013
2,6-Dinitrotoluene	< 310	ug/Kg		2/21/2013
2-Chloronaphthalene	< 310	ug/Kg		2/21/2013
2-Methylnapthalene	< 310	ug/Kg		2/21/2013
2-Nitroaniline	< 620	ug/Kg		2/21/2013
3,3'-Dichlorobenzidine	< 310	ug/Kg		2/21/2013
3-Nitroaniline	< 620	ug/Kg		2/21/2013
4-Bromophenyl phenyl ether	< 310	ug/Kg		2/21/2013
4-Chloroaniline	< 310	ug/Kg		2/21/2013
4-Chlorophenyl phenyl ether	< 310	ug/Kg		2/21/2013
4-Nitroaniline	< 620	ug/Kg		2/21/2013
Acenaphthene	< 310	ug/Kg		2/21/2013
Acenaphthylene	< 310	ug/Kg		2/21/2013
Acetophenone	< 310	ug/Kg		2/21/2013
Anthracene	< 310	ug/Kg		2/21/2013
Atrazine	< 310	ug/Kg		2/21/2013
Benzaldehyde	< 310	ug/Kg		2/21/2013
Benzo (a) anthracene	< 310	ug/Kg		2/21/2013
Benzo (a) pyrene	< 310	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-22-26-021913

Lab Sample ID: 130640-04 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Benzo (b) fluoranthene	< 310	ug/Kg	2/21/2013
Benzo (g,h,i) perylene	< 310	ug/Kg	2/21/2013
Benzo (k) fluoranthene	< 310	ug/Kg	2/21/2013
Bis (2-chloroethoxy) methane	< 310	ug/Kg	2/21/2013
Bis (2-chloroethyl) ether	< 310	ug/Kg	2/21/2013
Bis (2-chloroisopropyl) ether	< 310	ug/Kg	2/21/2013
Bis (2-ethylhexyl) phthalate	< 310	ug/Kg	2/21/2013
Butylbenzylphthalate	< 310	ug/Kg	2/21/2013
Caprolactam	< 310	ug/Kg	2/21/2013
Carbazole	< 310	ug/Kg	2/21/2013
Chrysene	< 310	ug/Kg	2/21/2013
Dibenz (a,h) anthracene	< 310	ug/Kg	2/21/2013
Dibenzofuran	< 310	ug/Kg	2/21/2013
Diethyl phthalate	< 310	ug/Kg	2/21/2013
Dimethyl phthalate	< 620	ug/Kg	2/21/2013
Di-n-butyl phthalate	< 310	ug/Kg	2/21/2013
Di-n-octylphthalate	< 310	ug/Kg	2/21/2013
Fluoranthene	< 310	ug/Kg	2/21/2013
Fluorene	< 310	ug/Kg	2/21/2013
Hexachlorobenzene	< 310	ug/Kg	2/21/2013
Hexachlorobutadiene	< 310	ug/Kg	2/21/2013
Hexachlorocyclopentadiene	< 310	ug/Kg	2/21/2013
Hexachloroethane	< 310	ug/Kg	2/21/2013
Indeno (1,2,3-cd) pyrene	< 310	ug/Kg	2/21/2013
Isophorone	< 310	ug/Kg	2/21/2013
Naphthalene	< 310	ug/Kg	2/21/2013
Nitrobenzene	< 310	ug/Kg	2/21/2013
N-Nitroso-di-n-propylamine	< 310	ug/Kg	2/21/2013
N-Nitrosodiphenylamine	< 310	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-22-26-021913

Lab Sample ID: 130640-04 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Phenanthrene		< 310	ug/Kg	2/21/2013
Pyrene		< 310	ug/Kg	2/21/2013

Method Reference(s): EPA 8270C
EPA 3550C

Data File: S68020.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-26-021913

Lab Sample ID: 130640-05 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.9	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 3.9	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 3.9	ug/Kg		2/21/2013
1,1-Dichloroethane	< 3.9	ug/Kg		2/21/2013
1,1-Dichloroethene	< 3.9	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 9.7	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 9.7	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		2/21/2013
1,2-Dibromoethane	< 3.9	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 3.9	ug/Kg		2/21/2013
1,2-Dichloroethane	< 3.9	ug/Kg		2/21/2013
1,2-Dichloropropane	< 3.9	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 3.9	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 3.9	ug/Kg		2/21/2013
1,4-dioxane	< 39	ug/Kg		2/21/2013
2-Butanone	< 19	ug/Kg		2/21/2013
2-Hexanone	< 9.7	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 9.7	ug/Kg		2/21/2013
Acetone	**36**	ug/Kg	B	2/21/2013
Benzene	< 3.9	ug/Kg		2/21/2013
Bromochloromethane	< 9.7	ug/Kg		2/21/2013
Bromodichloromethane	< 3.9	ug/Kg		2/21/2013
Bromoform	< 9.7	ug/Kg		2/21/2013
Bromomethane	< 3.9	ug/Kg		2/21/2013
Carbon disulfide	< 3.9	ug/Kg		2/21/2013
Carbon Tetrachloride	< 3.9	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-120-26-021913
Lab Sample ID: 130640-05 **Date Sampled:** 2/19/2013
Matrix: Soil **Date Received:** 2/20/2013

Chlorobenzene	< 3.9	ug/Kg	2/21/2013
Chloroethane	< 3.9	ug/Kg	2/21/2013
Chloroform	< 3.9	ug/Kg	2/21/2013
Chloromethane	< 3.9	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 3.9	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 3.9	ug/Kg	2/21/2013
Cyclohexane	< 19	ug/Kg	2/21/2013
Dibromochloromethane	< 3.9	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 3.9	ug/Kg	2/21/2013
Ethylbenzene	< 3.9	ug/Kg	2/21/2013
Freon 113	< 3.9	ug/Kg	2/21/2013
Isopropylbenzene	< 3.9	ug/Kg	2/21/2013
m,p-Xylene	< 3.9	ug/Kg	2/21/2013
Methyl acetate	< 3.9	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 3.9	ug/Kg	2/21/2013
Methylcyclohexane	< 3.9	ug/Kg	2/21/2013
Methylene chloride	< 9.7	ug/Kg	2/21/2013
o-Xylene	< 3.9	ug/Kg	2/21/2013
Styrene	< 9.7	ug/Kg	2/21/2013
Tetrachloroethene	< 3.9	ug/Kg	2/21/2013
Toluene	< 3.9	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 3.9	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 3.9	ug/Kg	2/21/2013
Trichloroethene	< 3.9	ug/Kg	2/21/2013
Trichlorofluoromethane	< 3.9	ug/Kg	2/21/2013
Vinyl chloride	< 3.9	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier:	TP-120-26-021913		
Lab Sample ID:	130640-05	**Date Sampled:**	2/19/2013
Matrix:	Soil	**Date Received:**	2/20/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03555.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-14-021913

Lab Sample ID: 130640-06 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.7	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 3.7	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 3.7	ug/Kg		2/21/2013
1,1-Dichloroethane	< 3.7	ug/Kg		2/21/2013
1,1-Dichloroethene	< 3.7	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 9.2	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 9.2	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 18	ug/Kg		2/21/2013
1,2-Dibromoethane	< 3.7	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 3.7	ug/Kg		2/21/2013
1,2-Dichloroethane	< 3.7	ug/Kg		2/21/2013
1,2-Dichloropropane	< 3.7	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 3.7	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 3.7	ug/Kg		2/21/2013
1,4-dioxane	< 37	ug/Kg		2/21/2013
2-Butanone	< 18	ug/Kg		2/21/2013
2-Hexanone	< 9.2	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 9.2	ug/Kg		2/21/2013
Acetone	**57**	ug/Kg	B	2/21/2013
Benzene	< 3.7	ug/Kg		2/21/2013
Bromochloromethane	< 9.2	ug/Kg		2/21/2013
Bromodichloromethane	< 3.7	ug/Kg		2/21/2013
Bromoform	< 9.2	ug/Kg		2/21/2013
Bromomethane	< 3.7	ug/Kg		2/21/2013
Carbon disulfide	< 3.7	ug/Kg		2/21/2013
Carbon Tetrachloride	< 3.7	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-14-021913
Lab Sample ID: 130640-06 **Date Sampled:** 2/19/2013
Matrix: Soil **Date Received:** 2/20/2013

Chlorobenzene	< 3.7	ug/Kg	2/21/2013
Chloroethane	< 3.7	ug/Kg	2/21/2013
Chloroform	< 3.7	ug/Kg	2/21/2013
Chloromethane	< 3.7	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 3.7	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 3.7	ug/Kg	2/21/2013
Cyclohexane	< 18	ug/Kg	2/21/2013
Dibromochloromethane	< 3.7	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 3.7	ug/Kg	2/21/2013
Ethylbenzene	< 3.7	ug/Kg	2/21/2013
Freon 113	< 3.7	ug/Kg	2/21/2013
Isopropylbenzene	< 3.7	ug/Kg	2/21/2013
m,p-Xylene	< 3.7	ug/Kg	2/21/2013
Methyl acetate	< 3.7	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 3.7	ug/Kg	2/21/2013
Methylcyclohexane	< 3.7	ug/Kg	2/21/2013
Methylene chloride	< 9.2	ug/Kg	2/21/2013
o-Xylene	< 3.7	ug/Kg	2/21/2013
Styrene	< 9.2	ug/Kg	2/21/2013
Tetrachloroethene	< 3.7	ug/Kg	2/21/2013
Toluene	< 3.7	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 3.7	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 3.7	ug/Kg	2/21/2013
Trichloroethene	< 3.7	ug/Kg	2/21/2013
Trichlorofluoromethane	< 3.7	ug/Kg	2/21/2013
Vinyl chloride	< 3.7	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier:	TP-121-14-021913		
Lab Sample ID:	130640-06	**Date Sampled:**	2/19/2013
Matrix:	Soil	**Date Received:**	2/20/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03556.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-20-021913

Lab Sample ID: 130640-07 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.8	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 3.8	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 3.8	ug/Kg		2/21/2013
1,1-Dichloroethane	< 3.8	ug/Kg		2/21/2013
1,1-Dichloroethene	< 3.8	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 9.5	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 9.5	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		2/21/2013
1,2-Dibromoethane	< 3.8	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 3.8	ug/Kg		2/21/2013
1,2-Dichloroethane	< 3.8	ug/Kg		2/21/2013
1,2-Dichloropropane	< 3.8	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 3.8	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 3.8	ug/Kg		2/21/2013
1,4-dioxane	< 38	ug/Kg		2/21/2013
2-Butanone	< 19	ug/Kg		2/21/2013
2-Hexanone	< 9.5	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 9.5	ug/Kg		2/21/2013
Acetone	**53**	ug/Kg	B	2/21/2013
Benzene	< 3.8	ug/Kg		2/21/2013
Bromochloromethane	< 9.5	ug/Kg		2/21/2013
Bromodichloromethane	< 3.8	ug/Kg		2/21/2013
Bromoform	< 9.5	ug/Kg		2/21/2013
Bromomethane	< 3.8	ug/Kg		2/21/2013
Carbon disulfide	< 3.8	ug/Kg		2/21/2013
Carbon Tetrachloride	< 3.8	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-20-021913
Lab Sample ID: 130640-07 **Date Sampled:** 2/19/2013
Matrix: Soil **Date Received:** 2/20/2013

Chlorobenzene	< 3.8	ug/Kg	2/21/2013
Chloroethane	< 3.8	ug/Kg	2/21/2013
Chloroform	< 3.8	ug/Kg	2/21/2013
Chloromethane	< 3.8	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 3.8	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 3.8	ug/Kg	2/21/2013
Cyclohexane	< 19	ug/Kg	2/21/2013
Dibromochloromethane	< 3.8	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 3.8	ug/Kg	2/21/2013
Ethylbenzene	< 3.8	ug/Kg	2/21/2013
Freon 113	< 3.8	ug/Kg	2/21/2013
Isopropylbenzene	< 3.8	ug/Kg	2/21/2013
m,p-Xylene	< 3.8	ug/Kg	2/21/2013
Methyl acetate	< 3.8	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 3.8	ug/Kg	2/21/2013
Methylcyclohexane	< 3.8	ug/Kg	2/21/2013
Methylene chloride	< 9.5	ug/Kg	2/21/2013
o-Xylene	< 3.8	ug/Kg	2/21/2013
Styrene	< 9.5	ug/Kg	2/21/2013
Tetrachloroethene	< 3.8	ug/Kg	2/21/2013
Toluene	< 3.8	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 3.8	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 3.8	ug/Kg	2/21/2013
Trichloroethene	< 3.8	ug/Kg	2/21/2013
Trichlorofluoromethane	< 3.8	ug/Kg	2/21/2013
Vinyl chloride	< 3.8	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier:	TP-121-20-021913		
Lab Sample ID:	130640-07	**Date Sampled:**	2/19/2013
Matrix:	Soil	**Date Received:**	2/20/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03557.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-22-26-021913

Lab Sample ID: 130640-08 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.0049**	mg/Kg	J	2/25/2013

Method Reference(s): EPA 7471B

Data File: hg130225a

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Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-22-26-021913

Lab Sample ID: 130640-08 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2300**	mg/Kg		2/22/2013
Antimony	< 6.4	mg/Kg		2/22/2013
Arsenic	**0.87**	mg/Kg	J	2/22/2013
Barium	**13**	mg/Kg		2/22/2013
Beryllium	< 0.54	mg/Kg		2/22/2013
Cadmium	**0.30**	mg/Kg	J	2/22/2013
Calcium	**65000**	mg/Kg		2/22/2013
Chromium	**3.9**	mg/Kg		2/22/2013
Cobalt	< 5.4	mg/Kg		2/22/2013
Copper	**6.2**	mg/Kg		2/22/2013
Iron	**5700**	mg/Kg		2/22/2013
Lead (Axial)	**7.0**	mg/Kg		2/22/2013
Magnesium	**25000**	mg/Kg		2/22/2013
Manganese	**210**	mg/Kg		2/22/2013
Nickel	**3.4**	mg/Kg	J	2/22/2013
Potassium	**650**	mg/Kg		2/22/2013
Selenium	< 1.1	mg/Kg		2/22/2013
Silver	< 1.1	mg/Kg		2/22/2013
Sodium	**210**	mg/Kg	J	2/22/2013
Thallium	< 2.7	mg/Kg		2/22/2013
Vanadium	**8.9**	mg/Kg		2/22/2013
Zinc	**67**	mg/Kg		2/22/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 022213a

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-22-26-021913

Lab Sample ID: 130640-08 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.030	mg/Kg		2/25/2013
PCB-1221	< 0.030	mg/Kg		2/25/2013
PCB-1232	< 0.030	mg/Kg		2/25/2013
PCB-1242	< 0.030	mg/Kg		2/25/2013
PCB-1248	< 0.030	mg/Kg		2/25/2013
PCB-1254	< 0.030	mg/Kg		2/25/2013
PCB-1260	< 0.030	mg/Kg		2/25/2013
PCB-1262	< 0.030	mg/Kg		2/25/2013
PCB-1268	< 0.030	mg/Kg		2/25/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-22-26-021913

Lab Sample ID: 130640-08 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.0	ug/Kg		2/22/2013
4,4-DDE	< 3.0	ug/Kg		2/22/2013
4,4-DDT	< 3.0	ug/Kg		2/22/2013
Aldrin	< 3.0	ug/Kg		2/22/2013
alpha-BHC	< 3.0	ug/Kg		2/22/2013
beta-BHC	< 3.0	ug/Kg		2/22/2013
cis-Chlordane	< 3.0	ug/Kg		2/22/2013
delta-BHC	< 3.0	ug/Kg		2/22/2013
Dieldrin	< 3.0	ug/Kg		2/22/2013
Endosulfan I	< 3.0	ug/Kg		2/22/2013
Endosulfan II	< 3.0	ug/Kg		2/22/2013
Endosulfan Sulfate	< 3.0	ug/Kg		2/22/2013
Endrin	< 3.0	ug/Kg		2/22/2013
Endrin Aldehyde	< 3.0	ug/Kg		2/22/2013
Endrin Ketone	< 3.0	ug/Kg		2/22/2013
gamma-BHC (Lindane)	< 3.0	ug/Kg		2/22/2013
Heptachlor	< 3.0	ug/Kg		2/22/2013
Heptachlor Epoxide	< 3.0	ug/Kg		2/22/2013
Methoxychlor	< 3.0	ug/Kg		2/22/2013
Toxaphene	< 30	ug/Kg		2/22/2013
trans-Chlordane	< 3.0	ug/Kg		2/22/2013

Method Reference(s): EPA 8081B
EPA 3550C

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-22-26-021913
Lab Sample ID: 130640-08 **Date Sampled:** 2/19/2013
Matrix: Soil **Date Received:** 2/20/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 300	ug/Kg		2/21/2013
1,2,4,5-Tetrachlorobenzene	< 300	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 300	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 300	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 300	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 300	ug/Kg		2/21/2013
2,4-Dinitrotoluene	< 300	ug/Kg		2/21/2013
2,6-Dichlorophenol	< 300	ug/Kg		2/21/2013
2,6-Dinitrotoluene	< 300	ug/Kg		2/21/2013
2-Chloronaphthalene	< 300	ug/Kg		2/21/2013
2-Methylnapthalene	< 300	ug/Kg		2/21/2013
2-Nitroaniline	< 590	ug/Kg		2/21/2013
3,3'-Dichlorobenzidine	< 300	ug/Kg		2/21/2013
3-Nitroaniline	< 590	ug/Kg		2/21/2013
4-Bromophenyl phenyl ether	< 300	ug/Kg		2/21/2013
4-Chloroaniline	< 300	ug/Kg		2/21/2013
4-Chlorophenyl phenyl ether	< 300	ug/Kg		2/21/2013
4-Nitroaniline	< 590	ug/Kg		2/21/2013
Acenaphthene	< 300	ug/Kg		2/21/2013
Acenaphthylene	< 300	ug/Kg		2/21/2013
Acetophenone	< 300	ug/Kg		2/21/2013
Anthracene	< 300	ug/Kg		2/21/2013
Atrazine	< 300	ug/Kg		2/21/2013
Benzaldehyde	< 300	ug/Kg		2/21/2013
Benzo (a) anthracene	< 300	ug/Kg		2/21/2013
Benzo (a) pyrene	< 300	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-22-26-021913
Lab Sample ID: 130640-08 **Date Sampled:** 2/19/2013
Matrix: Soil **Date Received:** 2/20/2013

Benzo (b) fluoranthene	< 300	ug/Kg	2/21/2013
Benzo (g,h,i) perylene	< 300	ug/Kg	2/21/2013
Benzo (k) fluoranthene	< 300	ug/Kg	2/21/2013
Bis (2-chloroethoxy) methane	< 300	ug/Kg	2/21/2013
Bis (2-chloroethyl) ether	< 300	ug/Kg	2/21/2013
Bis (2-chloroisopropyl) ether	< 300	ug/Kg	2/21/2013
Bis (2-ethylhexyl) phthalate	< 300	ug/Kg	2/21/2013
Butylbenzylphthalate	< 300	ug/Kg	2/21/2013
Caprolactam	< 300	ug/Kg	2/21/2013
Carbazole	< 300	ug/Kg	2/21/2013
Chrysene	< 300	ug/Kg	2/21/2013
Dibenz (a,h) anthracene	< 300	ug/Kg	2/21/2013
Dibenzofuran	< 300	ug/Kg	2/21/2013
Diethyl phthalate	< 300	ug/Kg	2/21/2013
Dimethyl phthalate	< 590	ug/Kg	2/21/2013
Di-n-butyl phthalate	< 300	ug/Kg	2/21/2013
Di-n-octylphthalate	< 300	ug/Kg	2/21/2013
Fluoranthene	< 300	ug/Kg	2/21/2013
Fluorene	< 300	ug/Kg	2/21/2013
Hexachlorobenzene	< 300	ug/Kg	2/21/2013
Hexachlorobutadiene	< 300	ug/Kg	2/21/2013
Hexachlorocyclopentadiene	< 300	ug/Kg	2/21/2013
Hexachloroethane	< 300	ug/Kg	2/21/2013
Indeno (1,2,3-cd) pyrene	< 300	ug/Kg	2/21/2013
Isophorone	< 300	ug/Kg	2/21/2013
Naphthalene	< 300	ug/Kg	2/21/2013
Nitrobenzene	< 300	ug/Kg	2/21/2013
N-Nitroso-di-n-propylamine	< 300	ug/Kg	2/21/2013
N-Nitrosodiphenylamine	< 300	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-22-26-021913

Lab Sample ID: 130640-08 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Phenanthrene		< 300	ug/Kg	2/21/2013
Pyrene		< 300	ug/Kg	2/21/2013

Method Reference(s): EPA 8270C
EPA 3550C

Data File: S68021.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-26-021913

Lab Sample ID: 130640-09 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.7	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 3.7	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 3.7	ug/Kg		2/21/2013
1,1-Dichloroethane	< 3.7	ug/Kg		2/21/2013
1,1-Dichloroethene	< 3.7	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 9.3	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 9.3	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		2/21/2013
1,2-Dibromoethane	< 3.7	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 3.7	ug/Kg		2/21/2013
1,2-Dichloroethane	< 3.7	ug/Kg		2/21/2013
1,2-Dichloropropane	< 3.7	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 3.7	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 3.7	ug/Kg		2/21/2013
1,4-dioxane	< 37	ug/Kg		2/21/2013
2-Butanone	< 19	ug/Kg		2/21/2013
2-Hexanone	< 9.3	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 9.3	ug/Kg		2/21/2013
Acetone	**43**	ug/Kg	B	2/21/2013
Benzene	< 3.7	ug/Kg		2/21/2013
Bromochloromethane	< 9.3	ug/Kg		2/21/2013
Bromodichloromethane	< 3.7	ug/Kg		2/21/2013
Bromoform	< 9.3	ug/Kg		2/21/2013
Bromomethane	< 3.7	ug/Kg		2/21/2013
Carbon disulfide	< 3.7	ug/Kg		2/21/2013
Carbon Tetrachloride	< 3.7	ug/Kg		2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-121-26-021913

Lab Sample ID: 130640-09 **Date Sampled:** 2/19/2013

Matrix: Soil **Date Received:** 2/20/2013

Chlorobenzene	< 3.7	ug/Kg	2/21/2013
Chloroethane	< 3.7	ug/Kg	2/21/2013
Chloroform	< 3.7	ug/Kg	2/21/2013
Chloromethane	< 3.7	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 3.7	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 3.7	ug/Kg	2/21/2013
Cyclohexane	< 19	ug/Kg	2/21/2013
Dibromochloromethane	< 3.7	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 3.7	ug/Kg	2/21/2013
Ethylbenzene	< 3.7	ug/Kg	2/21/2013
Freon 113	< 3.7	ug/Kg	2/21/2013
Isopropylbenzene	< 3.7	ug/Kg	2/21/2013
m,p-Xylene	< 3.7	ug/Kg	2/21/2013
Methyl acetate	< 3.7	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 3.7	ug/Kg	2/21/2013
Methylcyclohexane	< 3.7	ug/Kg	2/21/2013
Methylene chloride	< 9.3	ug/Kg	2/21/2013
o-Xylene	< 3.7	ug/Kg	2/21/2013
Styrene	< 9.3	ug/Kg	2/21/2013
Tetrachloroethene	< 3.7	ug/Kg	2/21/2013
Toluene	< 3.7	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 3.7	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 3.7	ug/Kg	2/21/2013
Trichloroethene	< 3.7	ug/Kg	2/21/2013
Trichlorofluoromethane	< 3.7	ug/Kg	2/21/2013
Vinyl chloride	< 3.7	ug/Kg	2/21/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier:	TP-121-26-021913		
Lab Sample ID:	130640-09	**Date Sampled:**	2/19/2013
Matrix:	Soil	**Date Received:**	2/20/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03558.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Matrix: Soil

Method Blank for

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.0	ug/Kg		2/21/2013
1,1,2,2-Tetrachloroethane	< 2.0	ug/Kg		2/21/2013
1,1,2-Trichloroethane	< 2.0	ug/Kg		2/21/2013
1,1-Dichloroethane	< 2.0	ug/Kg		2/21/2013
1,1-Dichloroethene	< 2.0	ug/Kg		2/21/2013
1,2,3-Trichlorobenzene	< 5.0	ug/Kg		2/21/2013
1,2,4-Trichlorobenzene	< 5.0	ug/Kg		2/21/2013
1,2-Dibromo-3-Chloropropane	< 10	ug/Kg		2/21/2013
1,2-Dibromoethane	< 2.0	ug/Kg		2/21/2013
1,2-Dichlorobenzene	< 2.0	ug/Kg		2/21/2013
1,2-Dichloroethane	< 2.0	ug/Kg		2/21/2013
1,2-Dichloropropane	< 2.0	ug/Kg		2/21/2013
1,3-Dichlorobenzene	< 2.0	ug/Kg		2/21/2013
1,4-Dichlorobenzene	< 2.0	ug/Kg		2/21/2013
1,4-dioxane	< 20	ug/Kg		2/21/2013
2-Butanone	< 10	ug/Kg		2/21/2013
2-Hexanone	< 5.0	ug/Kg		2/21/2013
4-Methyl-2-pentanone	< 5.0	ug/Kg		2/21/2013
Acetone	**18**	ug/Kg		2/21/2013
Benzene	< 2.0	ug/Kg		2/21/2013
Bromochloromethane	< 5.0	ug/Kg		2/21/2013
Bromodichloromethane	< 2.0	ug/Kg		2/21/2013
Bromoform	< 5.0	ug/Kg		2/21/2013
Bromomethane	< 2.0	ug/Kg		2/21/2013

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Matrix: Soil

Carbon disulfide	< 2.0	ug/Kg	2/21/2013
Carbon Tetrachloride	< 2.0	ug/Kg	2/21/2013
Chlorobenzene	< 2.0	ug/Kg	2/21/2013
Chloroethane	< 2.0	ug/Kg	2/21/2013
Chloroform	< 2.0	ug/Kg	2/21/2013
Chloromethane	< 2.0	ug/Kg	2/21/2013
cis-1,2-Dichloroethene	< 2.0	ug/Kg	2/21/2013
cis-1,3-Dichloropropene	< 2.0	ug/Kg	2/21/2013
Cyclohexane	< 10	ug/Kg	2/21/2013
Dibromochloromethane	< 2.0	ug/Kg	2/21/2013
Dichlorodifluoromethane	< 2.0	ug/Kg	2/21/2013
Ethylbenzene	< 2.0	ug/Kg	2/21/2013
Freon 113	< 2.0	ug/Kg	2/21/2013
Isopropylbenzene	< 2.0	ug/Kg	2/21/2013
m,p-Xylene	< 2.0	ug/Kg	2/21/2013
Methyl acetate	< 2.0	ug/Kg	2/21/2013
Methyl tert-butyl Ether	< 2.0	ug/Kg	2/21/2013
Methylcyclohexane	< 2.0	ug/Kg	2/21/2013
Methylene chloride	< 5.0	ug/Kg	2/21/2013
o-Xylene	< 2.0	ug/Kg	2/21/2013
Styrene	< 5.0	ug/Kg	2/21/2013
Tetrachloroethene	< 2.0	ug/Kg	2/21/2013
Toluene	< 2.0	ug/Kg	2/21/2013
trans-1,2-Dichloroethene	< 2.0	ug/Kg	2/21/2013
trans-1,3-Dichloropropene	< 2.0	ug/Kg	2/21/2013
Trichloroethene	< 2.0	ug/Kg	2/21/2013
Trichlorofluoromethane	< 2.0	ug/Kg	2/21/2013

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130640

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Matrix: Soil

Vinyl chloride	< 2.0	ug/Kg	2/21/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified
Data File: X03545.D
QC Number: 1
QC Batch ID: voas022113

Report Prepared Wednesday, February 27, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"V" = Sample concentration is >10 times the spike. No meaningful Spike Recovery can be calculated.
"J" = Result estimated between the quantitation limit and half the quanitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GZA GeoEnvironmental	CLIENT:		130640
ADDRESS:	535 Washington St.	ADDRESS:		
CITY:	Buffalo, NY	STATE: ZIP: 14203	CITY: STATE: ZIP:	Quotation #: JH111612 (rev. 111912)
PHONE:	716 685-2300		PHONE:	Email: christopher.boron@gza.com
ATTN:	Christopher Boron Thomas Bohlen		ATTN:	thomas.bohlen@gza.com

PROJECT REFERENCE
21.0056642.10 Task 17
1001 Main St.

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	8260 TCL	8270 TCL	Metals TAL	8081 PCBs	ASP Asbestos	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/19/13	1250		X	TP-120-14-021913	SO	1	X						01
2		1255		X	TP-120-16-021913			X						02
3		1300		X	TP-120-22-021913			X						03
4		1310	X		TP-120-22-26-021913				X	X	X	X		04
5		1310		X	TP-120-26-021913			X						05
6		1355		X	TP-121-14-021913			X						06
7		1415		X	TP-121-20-021913			X						07
8		1420	X		TP-121-22-26-021913				X	X	X	X		08
9		1420		X	TP-121-26-021913		↓	X						09
10														

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	→
Rush 2 day		Category B	→		
Rush 1 day					
Other please indicate:		Other please indicate:		Other EDD please indicate:	

Sampled By: Thomas Bohlen 2/19/13 Date/Time

Relinquished By: Thomas Bohlen 2/19/13 Date/Time

Received By: Elizabeth A Honch 2/20/13 1353 Date/Time

Received @ Lab By: Date/Time

5°C iced from samples @1250 2/20. Cooler Recd with custody Seals intact. EAH 2/20

Total Cost:

P.I.F.

Chain of Custody Supplement

Client: GZA **Completed by:** EAH

Lab Project ID: 130640 **Date:** 2/20

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

NELAC compliance with the sample condition requirements upon receipt

Condition	Yes	No	N/A
Container Type	X	X 5035	
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X -Metals
Comments	5°C iced from samples @ 1250 2/20		
Sufficient Sample Quantity	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-14-022713

Lab Sample ID: 130730-01 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.1	ug/Kg		3/1/2013
1,1,2,2-Tetrachloroethane	< 4.1	ug/Kg		3/1/2013
1,1,2-Trichloroethane	< 4.1	ug/Kg		3/1/2013
1,1-Dichloroethane	< 4.1	ug/Kg		3/1/2013
1,1-Dichloroethene	< 4.1	ug/Kg		3/1/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		3/1/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		3/1/2013
1,2-Dibromo-3-Chloropropane	< 20	ug/Kg		3/1/2013
1,2-Dibromoethane	< 4.1	ug/Kg		3/1/2013
1,2-Dichlorobenzene	< 4.1	ug/Kg		3/1/2013
1,2-Dichloroethane	< 4.1	ug/Kg		3/1/2013
1,2-Dichloropropane	< 4.1	ug/Kg		3/1/2013
1,3-Dichlorobenzene	< 4.1	ug/Kg		3/1/2013
1,4-Dichlorobenzene	< 4.1	ug/Kg		3/1/2013
1,4-dioxane	< 41	ug/Kg		3/1/2013
2-Butanone	< 20	ug/Kg		3/1/2013
2-Hexanone	< 10	ug/Kg		3/1/2013
4-Methyl-2-pentanone	< 10	ug/Kg		3/1/2013
Acetone	< 20	ug/Kg		3/1/2013
Benzene	< 4.1	ug/Kg		3/1/2013
Bromochloromethane	< 10	ug/Kg		3/1/2013
Bromodichloromethane	< 4.1	ug/Kg		3/1/2013
Bromoform	< 10	ug/Kg		3/1/2013
Bromomethane	< 4.1	ug/Kg		3/1/2013
Carbon disulfide	< 4.1	ug/Kg		3/1/2013
Carbon Tetrachloride	< 4.1	ug/Kg		3/1/2013

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-14-022713

Lab Sample ID: 130730-01 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorobenzene	< 4.1	ug/Kg	3/1/2013
Chloroethane	< 4.1	ug/Kg	3/1/2013
Chloroform	< 4.1	ug/Kg	3/1/2013
Chloromethane	< 4.1	ug/Kg	3/1/2013
cis-1,2-Dichloroethene	< 4.1	ug/Kg	3/1/2013
cis-1,3-Dichloropropene	< 4.1	ug/Kg	3/1/2013
Cyclohexane	< 20	ug/Kg	3/1/2013
Dibromochloromethane	< 4.1	ug/Kg	3/1/2013
Dichlorodifluoromethane	< 4.1	ug/Kg	3/1/2013
Ethylbenzene	< 4.1	ug/Kg	3/1/2013
Freon 113	< 4.1	ug/Kg	3/1/2013
Isopropylbenzene	< 4.1	ug/Kg	3/1/2013
m,p-Xylene	< 4.1	ug/Kg	3/1/2013
Methyl acetate	< 4.1	ug/Kg	3/1/2013
Methyl tert-butyl Ether	< 4.1	ug/Kg	3/1/2013
Methylcyclohexane	< 4.1	ug/Kg	3/1/2013
Methylene chloride	< 10	ug/Kg	3/1/2013
o-Xylene	< 4.1	ug/Kg	3/1/2013
Styrene	< 10	ug/Kg	3/1/2013
Tetrachloroethene	< 4.1	ug/Kg	3/1/2013
Toluene	< 4.1	ug/Kg	3/1/2013
trans-1,2-Dichloroethene	< 4.1	ug/Kg	3/1/2013
trans-1,3-Dichloropropene	< 4.1	ug/Kg	3/1/2013
Trichloroethene	< 4.1	ug/Kg	3/1/2013
Trichlorofluoromethane	< 4.1	ug/Kg	3/1/2013
Vinyl chloride	< 4.1	ug/Kg	3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-122-14-022713		
Lab Sample ID:	130730-01	**Date Sampled:**	2/27/2013
Matrix:	Soil	**Date Received:**	2/28/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03688.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-14-18-022713

Lab Sample ID: 130730-02 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.017	mg/Kg		3/4/2013

Method Reference(s): EPA 7471B

Data File: hg130304a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-14-18-022713

Lab Sample ID: 130730-02 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**3500**	mg/Kg		3/4/2013
Antimony	< 6.3	mg/Kg		3/4/2013
Arsenic	**1.1**	mg/Kg		3/4/2013
Barium	**14**	mg/Kg		3/4/2013
Beryllium	< 0.53	mg/Kg		3/4/2013
Cadmium	**0.27**	mg/Kg	J	3/4/2013
Calcium	**60000**	mg/Kg		3/4/2013
Chromium	**5.4**	mg/Kg		3/4/2013
Cobalt	**2.7**	mg/Kg	J	3/4/2013
Copper	**9.4**	mg/Kg		3/4/2013
Iron	**7600**	mg/Kg		3/4/2013
Lead (Axial)	**7.7**	mg/Kg		3/4/2013
Magnesium	**27000**	mg/Kg		3/4/2013
Manganese	**250**	mg/Kg		3/4/2013
Nickel	**4.4**	mg/Kg		3/4/2013
Potassium	**980**	mg/Kg		3/4/2013
Selenium	< 1.1	mg/Kg		3/4/2013
Silver	**0.70**	mg/Kg	J	3/4/2013
Sodium	**330**	mg/Kg		3/4/2013
Thallium	**1.6**	mg/Kg	J	3/4/2013
Vanadium	**13**	mg/Kg		3/4/2013
Zinc	**75**	mg/Kg		3/4/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 031413a

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-14-18-022713

Lab Sample ID: 130730-02 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.030	mg/Kg		3/1/2013
PCB-1221	< 0.030	mg/Kg		3/1/2013
PCB-1232	< 0.030	mg/Kg		3/1/2013
PCB-1242	< 0.030	mg/Kg		3/1/2013
PCB-1248	< 0.030	mg/Kg		3/1/2013
PCB-1254	< 0.030	mg/Kg		3/1/2013
PCB-1260	< 0.030	mg/Kg		3/1/2013
PCB-1262	< 0.030	mg/Kg		3/1/2013
PCB-1268	< 0.030	mg/Kg		3/1/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-14-18-022713

Lab Sample ID: 130730-02 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.0	ug/Kg		2/28/2013
4,4-DDE	< 3.0	ug/Kg		2/28/2013
4,4-DDT	< 3.0	ug/Kg		2/28/2013
Aldrin	< 3.0	ug/Kg		2/28/2013
alpha-BHC	< 3.0	ug/Kg		2/28/2013
beta-BHC	< 3.0	ug/Kg		2/28/2013
cis-Chlordane	< 3.0	ug/Kg		2/28/2013
delta-BHC	< 3.0	ug/Kg		2/28/2013
Dieldrin	< 3.0	ug/Kg		2/28/2013
Endosulfan I	< 3.0	ug/Kg		2/28/2013
Endosulfan II	< 3.0	ug/Kg		2/28/2013
Endosulfan Sulfate	< 3.0	ug/Kg		2/28/2013
Endrin	< 3.0	ug/Kg		2/28/2013
Endrin Aldehyde	< 3.0	ug/Kg		2/28/2013
Endrin Ketone	< 3.0	ug/Kg		2/28/2013
gamma-BHC (Lindane)	< 3.0	ug/Kg		2/28/2013
Heptachlor	< 3.0	ug/Kg		2/28/2013
Heptachlor Epoxide	< 3.0	ug/Kg		2/28/2013
Methoxychlor	< 3.0	ug/Kg		2/28/2013
Toxaphene	< 30	ug/Kg		2/28/2013
trans-Chlordane	< 3.0	ug/Kg		2/28/2013

Method Reference(s): EPA 8081B
EPA 3550C

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-14-18-022713

Lab Sample ID: 130730-02 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 310	ug/Kg		3/1/2013
1,2,4,5-Tetrachlorobenzene	< 310	ug/Kg		3/1/2013
1,2,4-Trichlorobenzene	< 310	ug/Kg		3/1/2013
1,2-Dichlorobenzene	< 310	ug/Kg		3/1/2013
1,3-Dichlorobenzene	< 310	ug/Kg		3/1/2013
1,4-Dichlorobenzene	< 310	ug/Kg		3/1/2013
2,4-Dinitrotoluene	< 310	ug/Kg		3/1/2013
2,6-Dichlorophenol	< 310	ug/Kg		3/1/2013
2,6-Dinitrotoluene	< 310	ug/Kg		3/1/2013
2-Chloronaphthalene	< 310	ug/Kg		3/1/2013
2-Methylnapthalene	< 310	ug/Kg		3/1/2013
2-Nitroaniline	< 620	ug/Kg		3/1/2013
3,3'-Dichlorobenzidine	< 310	ug/Kg		3/1/2013
3-Nitroaniline	< 620	ug/Kg		3/1/2013
4-Bromophenyl phenyl ether	< 310	ug/Kg		3/1/2013
4-Chloroaniline	< 310	ug/Kg		3/1/2013
4-Chlorophenyl phenyl ether	< 310	ug/Kg		3/1/2013
4-Nitroaniline	< 620	ug/Kg		3/1/2013
Acenaphthene	< 310	ug/Kg		3/1/2013
Acenaphthylene	< 310	ug/Kg		3/1/2013
Acetophenone	< 310	ug/Kg		3/1/2013
Anthracene	< 310	ug/Kg		3/1/2013
Atrazine	< 310	ug/Kg		3/1/2013
Benzaldehyde	< 310	ug/Kg		3/1/2013
Benzo (a) anthracene	< 310	ug/Kg		3/1/2013
Benzo (a) pyrene	< 310	ug/Kg		3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-14-18-022713

Lab Sample ID: 130730-02 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Benzo (b) fluoranthene	< 310	ug/Kg	3/1/2013
Benzo (g,h,i) perylene	< 310	ug/Kg	3/1/2013
Benzo (k) fluoranthene	< 310	ug/Kg	3/1/2013
Bis (2-chloroethoxy) methane	< 310	ug/Kg	3/1/2013
Bis (2-chloroethyl) ether	< 310	ug/Kg	3/1/2013
Bis (2-chloroisopropyl) ether	< 310	ug/Kg	3/1/2013
Bis (2-ethylhexyl) phthalate	< 310	ug/Kg	3/1/2013
Butylbenzylphthalate	< 310	ug/Kg	3/1/2013
Caprolactam	< 310	ug/Kg	3/1/2013
Carbazole	< 310	ug/Kg	3/1/2013
Chrysene	< 310	ug/Kg	3/1/2013
Dibenz (a,h) anthracene	< 310	ug/Kg	3/1/2013
Dibenzofuran	< 310	ug/Kg	3/1/2013
Diethyl phthalate	< 310	ug/Kg	3/1/2013
Dimethyl phthalate	< 620	ug/Kg	3/1/2013
Di-n-butyl phthalate	< 310	ug/Kg	3/1/2013
Di-n-octylphthalate	< 310	ug/Kg	3/1/2013
Fluoranthene	< 310	ug/Kg	3/1/2013
Fluorene	< 310	ug/Kg	3/1/2013
Hexachlorobenzene	< 310	ug/Kg	3/1/2013
Hexachlorobutadiene	< 310	ug/Kg	3/1/2013
Hexachlorocyclopentadiene	< 310	ug/Kg	3/1/2013
Hexachloroethane	< 310	ug/Kg	3/1/2013
Indeno (1,2,3-cd) pyrene	< 310	ug/Kg	3/1/2013
Isophorone	< 310	ug/Kg	3/1/2013
Naphthalene	< 310	ug/Kg	3/1/2013
Nitrobenzene	< 310	ug/Kg	3/1/2013
N-Nitroso-di-n-propylamine	< 310	ug/Kg	3/1/2013
N-Nitrosodiphenylamine	< 310	ug/Kg	3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-14-18-022713

Lab Sample ID: 130730-02 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Phenanthrene		< 310	ug/Kg	3/1/2013
Pyrene		< 310	ug/Kg	3/1/2013

Method Reference(s): EPA 8270C
EPA 3550C

Data File: S68134.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-20-022713

Lab Sample ID: 130730-03 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.0	ug/Kg		3/1/2013
1,1,2,2-Tetrachloroethane	< 4.0	ug/Kg		3/1/2013
1,1,2-Trichloroethane	< 4.0	ug/Kg		3/1/2013
1,1-Dichloroethane	< 4.0	ug/Kg		3/1/2013
1,1-Dichloroethene	< 4.0	ug/Kg		3/1/2013
1,2,3-Trichlorobenzene	< 9.9	ug/Kg		3/1/2013
1,2,4-Trichlorobenzene	< 9.9	ug/Kg		3/1/2013
1,2-Dibromo-3-Chloropropane	< 20	ug/Kg		3/1/2013
1,2-Dibromoethane	< 4.0	ug/Kg		3/1/2013
1,2-Dichlorobenzene	< 4.0	ug/Kg		3/1/2013
1,2-Dichloroethane	< 4.0	ug/Kg		3/1/2013
1,2-Dichloropropane	< 4.0	ug/Kg		3/1/2013
1,3-Dichlorobenzene	< 4.0	ug/Kg		3/1/2013
1,4-Dichlorobenzene	< 4.0	ug/Kg		3/1/2013
1,4-dioxane	< 40	ug/Kg		3/1/2013
2-Butanone	< 20	ug/Kg		3/1/2013
2-Hexanone	< 9.9	ug/Kg		3/1/2013
4-Methyl-2-pentanone	< 9.9	ug/Kg		3/1/2013
Acetone	< 20	ug/Kg		3/1/2013
Benzene	< 4.0	ug/Kg		3/1/2013
Bromochloromethane	< 9.9	ug/Kg		3/1/2013
Bromodichloromethane	< 4.0	ug/Kg		3/1/2013
Bromoform	< 9.9	ug/Kg		3/1/2013
Bromomethane	< 4.0	ug/Kg		3/1/2013
Carbon disulfide	< 4.0	ug/Kg		3/1/2013
Carbon Tetrachloride	< 4.0	ug/Kg		3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-20-022713

Lab Sample ID: 130730-03 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorobenzene	< 4.0	ug/Kg	3/1/2013
Chloroethane	< 4.0	ug/Kg	3/1/2013
Chloroform	< 4.0	ug/Kg	3/1/2013
Chloromethane	< 4.0	ug/Kg	3/1/2013
cis-1,2-Dichloroethene	< 4.0	ug/Kg	3/1/2013
cis-1,3-Dichloropropene	< 4.0	ug/Kg	3/1/2013
Cyclohexane	< 20	ug/Kg	3/1/2013
Dibromochloromethane	< 4.0	ug/Kg	3/1/2013
Dichlorodifluoromethane	< 4.0	ug/Kg	3/1/2013
Ethylbenzene	< 4.0	ug/Kg	3/1/2013
Freon 113	< 4.0	ug/Kg	3/1/2013
Isopropylbenzene	< 4.0	ug/Kg	3/1/2013
m,p-Xylene	< 4.0	ug/Kg	3/1/2013
Methyl acetate	< 4.0	ug/Kg	3/1/2013
Methyl tert-butyl Ether	< 4.0	ug/Kg	3/1/2013
Methylcyclohexane	< 4.0	ug/Kg	3/1/2013
Methylene chloride	< 9.9	ug/Kg	3/1/2013
o-Xylene	< 4.0	ug/Kg	3/1/2013
Styrene	< 9.9	ug/Kg	3/1/2013
Tetrachloroethene	< 4.0	ug/Kg	3/1/2013
Toluene	< 4.0	ug/Kg	3/1/2013
trans-1,2-Dichloroethene	< 4.0	ug/Kg	3/1/2013
trans-1,3-Dichloropropene	< 4.0	ug/Kg	3/1/2013
Trichloroethene	< 4.0	ug/Kg	3/1/2013
Trichlorofluoromethane	< 4.0	ug/Kg	3/1/2013
Vinyl chloride	< 4.0	ug/Kg	3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-122-20-022713		
Lab Sample ID:	130730-03	**Date Sampled:**	2/27/2013
Matrix:	Soil	**Date Received:**	2/28/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03689.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-26-022713

Lab Sample ID: 130730-04 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.0	ug/Kg		3/1/2013
1,1,2,2-Tetrachloroethane	< 4.0	ug/Kg		3/1/2013
1,1,2-Trichloroethane	< 4.0	ug/Kg		3/1/2013
1,1-Dichloroethane	< 4.0	ug/Kg		3/1/2013
1,1-Dichloroethene	< 4.0	ug/Kg		3/1/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		3/1/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		3/1/2013
1,2-Dibromo-3-Chloropropane	< 20	ug/Kg		3/1/2013
1,2-Dibromoethane	< 4.0	ug/Kg		3/1/2013
1,2-Dichlorobenzene	< 4.0	ug/Kg		3/1/2013
1,2-Dichloroethane	< 4.0	ug/Kg		3/1/2013
1,2-Dichloropropane	< 4.0	ug/Kg		3/1/2013
1,3-Dichlorobenzene	< 4.0	ug/Kg		3/1/2013
1,4-Dichlorobenzene	< 4.0	ug/Kg		3/1/2013
1,4-dioxane	< 40	ug/Kg		3/1/2013
2-Butanone	< 20	ug/Kg		3/1/2013
2-Hexanone	< 10	ug/Kg		3/1/2013
4-Methyl-2-pentanone	< 10	ug/Kg		3/1/2013
Acetone	< 20	ug/Kg		3/1/2013
Benzene	< 4.0	ug/Kg		3/1/2013
Bromochloromethane	< 10	ug/Kg		3/1/2013
Bromodichloromethane	< 4.0	ug/Kg		3/1/2013
Bromoform	< 10	ug/Kg		3/1/2013
Bromomethane	< 4.0	ug/Kg		3/1/2013
Carbon disulfide	< 4.0	ug/Kg		3/1/2013
Carbon Tetrachloride	< 4.0	ug/Kg		3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-122-26-022713

Lab Sample ID: 130730-04 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorobenzene	< 4.0	ug/Kg	3/1/2013
Chloroethane	< 4.0	ug/Kg	3/1/2013
Chloroform	< 4.0	ug/Kg	3/1/2013
Chloromethane	< 4.0	ug/Kg	3/1/2013
cis-1,2-Dichloroethene	< 4.0	ug/Kg	3/1/2013
cis-1,3-Dichloropropene	< 4.0	ug/Kg	3/1/2013
Cyclohexane	< 20	ug/Kg	3/1/2013
Dibromochloromethane	< 4.0	ug/Kg	3/1/2013
Dichlorodifluoromethane	< 4.0	ug/Kg	3/1/2013
Ethylbenzene	< 4.0	ug/Kg	3/1/2013
Freon 113	< 4.0	ug/Kg	3/1/2013
Isopropylbenzene	< 4.0	ug/Kg	3/1/2013
m,p-Xylene	< 4.0	ug/Kg	3/1/2013
Methyl acetate	< 4.0	ug/Kg	3/1/2013
Methyl tert-butyl Ether	< 4.0	ug/Kg	3/1/2013
Methylcyclohexane	< 4.0	ug/Kg	3/1/2013
Methylene chloride	< 10	ug/Kg	3/1/2013
o-Xylene	< 4.0	ug/Kg	3/1/2013
Styrene	< 10	ug/Kg	3/1/2013
Tetrachloroethene	< 4.0	ug/Kg	3/1/2013
Toluene	< 4.0	ug/Kg	3/1/2013
trans-1,2-Dichloroethene	< 4.0	ug/Kg	3/1/2013
trans-1,3-Dichloropropene	< 4.0	ug/Kg	3/1/2013
Trichloroethene	< 4.0	ug/Kg	3/1/2013
Trichlorofluoromethane	< 4.0	ug/Kg	3/1/2013
Vinyl chloride	< 4.0	ug/Kg	3/1/2013

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-122-26-022713		
Lab Sample ID:	130730-04	**Date Sampled:**	2/27/2013
Matrix:	Soil	**Date Received:**	2/28/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03690.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-14-022713

Lab Sample ID: 130730-05 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.9	ug/Kg		3/1/2013
1,1,2,2-Tetrachloroethane	< 3.9	ug/Kg		3/1/2013
1,1,2-Trichloroethane	< 3.9	ug/Kg		3/1/2013
1,1-Dichloroethane	< 3.9	ug/Kg		3/1/2013
1,1-Dichloroethene	< 3.9	ug/Kg		3/1/2013
1,2,3-Trichlorobenzene	< 9.7	ug/Kg		3/1/2013
1,2,4-Trichlorobenzene	< 9.7	ug/Kg		3/1/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/1/2013
1,2-Dibromoethane	< 3.9	ug/Kg		3/1/2013
1,2-Dichlorobenzene	< 3.9	ug/Kg		3/1/2013
1,2-Dichloroethane	< 3.9	ug/Kg		3/1/2013
1,2-Dichloropropane	< 3.9	ug/Kg		3/1/2013
1,3-Dichlorobenzene	< 3.9	ug/Kg		3/1/2013
1,4-Dichlorobenzene	< 3.9	ug/Kg		3/1/2013
1,4-dioxane	< 39	ug/Kg		3/1/2013
2-Butanone	< 19	ug/Kg		3/1/2013
2-Hexanone	< 9.7	ug/Kg		3/1/2013
4-Methyl-2-pentanone	< 9.7	ug/Kg		3/1/2013
Acetone	< 19	ug/Kg		3/1/2013
Benzene	< 3.9	ug/Kg		3/1/2013
Bromochloromethane	< 9.7	ug/Kg		3/1/2013
Bromodichloromethane	< 3.9	ug/Kg		3/1/2013
Bromoform	< 9.7	ug/Kg		3/1/2013
Bromomethane	< 3.9	ug/Kg		3/1/2013
Carbon disulfide	< 3.9	ug/Kg		3/1/2013
Carbon Tetrachloride	< 3.9	ug/Kg		3/1/2013

PARADIGM
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Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-14-022713

Lab Sample ID: 130730-05 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorobenzene	< 3.9	ug/Kg	3/1/2013
Chloroethane	< 3.9	ug/Kg	3/1/2013
Chloroform	< 3.9	ug/Kg	3/1/2013
Chloromethane	< 3.9	ug/Kg	3/1/2013
cis-1,2-Dichloroethene	< 3.9	ug/Kg	3/1/2013
cis-1,3-Dichloropropene	< 3.9	ug/Kg	3/1/2013
Cyclohexane	< 19	ug/Kg	3/1/2013
Dibromochloromethane	< 3.9	ug/Kg	3/1/2013
Dichlorodifluoromethane	< 3.9	ug/Kg	3/1/2013
Ethylbenzene	< 3.9	ug/Kg	3/1/2013
Freon 113	< 3.9	ug/Kg	3/1/2013
Isopropylbenzene	< 3.9	ug/Kg	3/1/2013
m,p-Xylene	< 3.9	ug/Kg	3/1/2013
Methyl acetate	< 3.9	ug/Kg	3/1/2013
Methyl tert-butyl Ether	< 3.9	ug/Kg	3/1/2013
Methylcyclohexane	< 3.9	ug/Kg	3/1/2013
Methylene chloride	< 9.7	ug/Kg	3/1/2013
o-Xylene	< 3.9	ug/Kg	3/1/2013
Styrene	< 9.7	ug/Kg	3/1/2013
Tetrachloroethene	< 3.9	ug/Kg	3/1/2013
Toluene	< 3.9	ug/Kg	3/1/2013
trans-1,2-Dichloroethene	< 3.9	ug/Kg	3/1/2013
trans-1,3-Dichloropropene	< 3.9	ug/Kg	3/1/2013
Trichloroethene	< 3.9	ug/Kg	3/1/2013
Trichlorofluoromethane	< 3.9	ug/Kg	3/1/2013
Vinyl chloride	< 3.9	ug/Kg	3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-123-14-022713		
Lab Sample ID:	130730-05	**Date Sampled:**	2/27/2013
Matrix:	Soil	**Date Received:**	2/28/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03691.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-14-18-022713

Lab Sample ID: 130730-06 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.016	mg/Kg		3/5/2013

Method Reference(s): EPA 7471B

Data File: hg130305b

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-14-18-022713

Lab Sample ID: 130730-06 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2700**	mg/Kg		3/4/2013
Antimony	< 5.7	mg/Kg		3/4/2013
Arsenic	**0.77**	mg/Kg	J	3/4/2013
Barium	**14**	mg/Kg		3/4/2013
Beryllium	< 0.48	mg/Kg		3/4/2013
Cadmium	< 0.48	mg/Kg		3/4/2013
Calcium	**55000**	mg/Kg		3/4/2013
Chromium	**4.2**	mg/Kg		3/4/2013
Cobalt	< 4.8	mg/Kg		3/4/2013
Copper	**6.3**	mg/Kg		3/4/2013
Iron	**6500**	mg/Kg		3/4/2013
Lead (Axial)	**7.3**	mg/Kg		3/4/2013
Magnesium	**22000**	mg/Kg		3/4/2013
Manganese	**210**	mg/Kg		3/4/2013
Nickel	**3.5**	mg/Kg	J	3/4/2013
Potassium	**750**	mg/Kg		3/4/2013
Selenium	< 0.96	mg/Kg		3/4/2013
Silver	**0.73**	mg/Kg	J	3/4/2013
Sodium	**380**	mg/Kg		3/4/2013
Thallium	**1.6**	mg/Kg	J	3/4/2013
Vanadium	**11**	mg/Kg		3/4/2013
Zinc	**68**	mg/Kg		3/4/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 031413a

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-14-18-022713

Lab Sample ID: 130730-06 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.030	mg/Kg		3/1/2013
PCB-1221	< 0.030	mg/Kg		3/1/2013
PCB-1232	< 0.030	mg/Kg		3/1/2013
PCB-1242	< 0.030	mg/Kg		3/1/2013
PCB-1248	< 0.030	mg/Kg		3/1/2013
PCB-1254	< 0.030	mg/Kg		3/1/2013
PCB-1260	< 0.030	mg/Kg		3/1/2013
PCB-1262	< 0.030	mg/Kg		3/1/2013
PCB-1268	< 0.030	mg/Kg		3/1/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-14-18-022713

Lab Sample ID: 130730-06 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.0	ug/Kg		2/28/2013
4,4-DDE	< 3.0	ug/Kg		2/28/2013
4,4-DDT	< 3.0	ug/Kg		2/28/2013
Aldrin	< 3.0	ug/Kg		2/28/2013
alpha-BHC	< 3.0	ug/Kg		2/28/2013
beta-BHC	< 3.0	ug/Kg		2/28/2013
cis-Chlordane	< 3.0	ug/Kg		2/28/2013
delta-BHC	< 3.0	ug/Kg		2/28/2013
Dieldrin	< 3.0	ug/Kg		2/28/2013
Endosulfan I	< 3.0	ug/Kg		2/28/2013
Endosulfan II	< 3.0	ug/Kg		2/28/2013
Endosulfan Sulfate	< 3.0	ug/Kg		2/28/2013
Endrin	< 3.0	ug/Kg		2/28/2013
Endrin Aldehyde	< 3.0	ug/Kg		2/28/2013
Endrin Ketone	< 3.0	ug/Kg		2/28/2013
gamma-BHC (Lindane)	< 3.0	ug/Kg		2/28/2013
Heptachlor	< 3.0	ug/Kg		2/28/2013
Heptachlor Epoxide	< 3.0	ug/Kg		2/28/2013
Methoxychlor	< 3.0	ug/Kg		2/28/2013
Toxaphene	< 30	ug/Kg		2/28/2013
trans-Chlordane	< 3.0	ug/Kg		2/28/2013

Method Reference(s): EPA 8081B
EPA 3550C

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-14-18-022713

Lab Sample ID: 130730-06 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 300	ug/Kg		3/1/2013
1,2,4,5-Tetrachlorobenzene	< 300	ug/Kg		3/1/2013
1,2,4-Trichlorobenzene	< 300	ug/Kg		3/1/2013
1,2-Dichlorobenzene	< 300	ug/Kg		3/1/2013
1,3-Dichlorobenzene	< 300	ug/Kg		3/1/2013
1,4-Dichlorobenzene	< 300	ug/Kg		3/1/2013
2,4-Dinitrotoluene	< 300	ug/Kg		3/1/2013
2,6-Dichlorophenol	< 300	ug/Kg		3/1/2013
2,6-Dinitrotoluene	< 300	ug/Kg		3/1/2013
2-Chloronaphthalene	< 300	ug/Kg		3/1/2013
2-Methylnapthalene	< 300	ug/Kg		3/1/2013
2-Nitroaniline	< 590	ug/Kg		3/1/2013
3,3'-Dichlorobenzidine	< 300	ug/Kg		3/1/2013
3-Nitroaniline	< 590	ug/Kg		3/1/2013
4-Bromophenyl phenyl ether	< 300	ug/Kg		3/1/2013
4-Chloroaniline	< 300	ug/Kg		3/1/2013
4-Chlorophenyl phenyl ether	< 300	ug/Kg		3/1/2013
4-Nitroaniline	< 590	ug/Kg		3/1/2013
Acenaphthene	< 300	ug/Kg		3/1/2013
Acenaphthylene	< 300	ug/Kg		3/1/2013
Acetophenone	< 300	ug/Kg		3/1/2013
Anthracene	< 300	ug/Kg		3/1/2013
Atrazine	< 300	ug/Kg		3/1/2013
Benzaldehyde	< 300	ug/Kg		3/1/2013
Benzo (a) anthracene	< 300	ug/Kg		3/1/2013
Benzo (a) pyrene	< 300	ug/Kg		3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-14-18-022713

Lab Sample ID: 130730-06 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Benzo (b) fluoranthene	< 300	ug/Kg	3/1/2013
Benzo (g,h,i) perylene	< 300	ug/Kg	3/1/2013
Benzo (k) fluoranthene	< 300	ug/Kg	3/1/2013
Bis (2-chloroethoxy) methane	< 300	ug/Kg	3/1/2013
Bis (2-chloroethyl) ether	< 300	ug/Kg	3/1/2013
Bis (2-chloroisopropyl) ether	< 300	ug/Kg	3/1/2013
Bis (2-ethylhexyl) phthalate	< 300	ug/Kg	3/1/2013
Butylbenzylphthalate	< 300	ug/Kg	3/1/2013
Caprolactam	< 300	ug/Kg	3/1/2013
Carbazole	< 300	ug/Kg	3/1/2013
Chrysene	< 300	ug/Kg	3/1/2013
Dibenz (a,h) anthracene	< 300	ug/Kg	3/1/2013
Dibenzofuran	< 300	ug/Kg	3/1/2013
Diethyl phthalate	< 300	ug/Kg	3/1/2013
Dimethyl phthalate	< 590	ug/Kg	3/1/2013
Di-n-butyl phthalate	< 300	ug/Kg	3/1/2013
Di-n-octylphthalate	< 300	ug/Kg	3/1/2013
Fluoranthene	< 300	ug/Kg	3/1/2013
Fluorene	< 300	ug/Kg	3/1/2013
Hexachlorobenzene	< 300	ug/Kg	3/1/2013
Hexachlorobutadiene	< 300	ug/Kg	3/1/2013
Hexachlorocyclopentadiene	< 300	ug/Kg	3/1/2013
Hexachloroethane	< 300	ug/Kg	3/1/2013
Indeno (1,2,3-cd) pyrene	< 300	ug/Kg	3/1/2013
Isophorone	< 300	ug/Kg	3/1/2013
Naphthalene	< 300	ug/Kg	3/1/2013
Nitrobenzene	< 300	ug/Kg	3/1/2013
N-Nitroso-di-n-propylamine	< 300	ug/Kg	3/1/2013
N-Nitrosodiphenylamine	< 300	ug/Kg	3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-14-18-022713

Lab Sample ID: 130730-06 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Phenanthrene		< 300	ug/Kg	3/1/2013
Pyrene		< 300	ug/Kg	3/1/2013
Method Reference(s):	EPA 8270C EPA 3550C			
Data File:	S68135.D			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-20-022713

Lab Sample ID: 130730-07 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.1	ug/Kg		3/1/2013
1,1,2,2-Tetrachloroethane	< 4.1	ug/Kg		3/1/2013
1,1,2-Trichloroethane	< 4.1	ug/Kg		3/1/2013
1,1-Dichloroethane	< 4.1	ug/Kg		3/1/2013
1,1-Dichloroethene	< 4.1	ug/Kg		3/1/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		3/1/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		3/1/2013
1,2-Dibromo-3-Chloropropane	< 20	ug/Kg		3/1/2013
1,2-Dibromoethane	< 4.1	ug/Kg		3/1/2013
1,2-Dichlorobenzene	< 4.1	ug/Kg		3/1/2013
1,2-Dichloroethane	< 4.1	ug/Kg		3/1/2013
1,2-Dichloropropane	< 4.1	ug/Kg		3/1/2013
1,3-Dichlorobenzene	< 4.1	ug/Kg		3/1/2013
1,4-Dichlorobenzene	< 4.1	ug/Kg		3/1/2013
1,4-dioxane	< 41	ug/Kg		3/1/2013
2-Butanone	< 20	ug/Kg		3/1/2013
2-Hexanone	< 10	ug/Kg		3/1/2013
4-Methyl-2-pentanone	< 10	ug/Kg		3/1/2013
Acetone	< 20	ug/Kg		3/1/2013
Benzene	< 4.1	ug/Kg		3/1/2013
Bromochloromethane	< 10	ug/Kg		3/1/2013
Bromodichloromethane	< 4.1	ug/Kg		3/1/2013
Bromoform	< 10	ug/Kg		3/1/2013
Bromomethane	< 4.1	ug/Kg		3/1/2013
Carbon disulfide	< 4.1	ug/Kg		3/1/2013
Carbon Tetrachloride	< 4.1	ug/Kg		3/1/2013

PARADIGM
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Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-20-022713

Lab Sample ID: 130730-07 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorobenzene	< 4.1	ug/Kg	3/1/2013
Chloroethane	< 4.1	ug/Kg	3/1/2013
Chloroform	< 4.1	ug/Kg	3/1/2013
Chloromethane	< 4.1	ug/Kg	3/1/2013
cis-1,2-Dichloroethene	< 4.1	ug/Kg	3/1/2013
cis-1,3-Dichloropropene	< 4.1	ug/Kg	3/1/2013
Cyclohexane	< 20	ug/Kg	3/1/2013
Dibromochloromethane	< 4.1	ug/Kg	3/1/2013
Dichlorodifluoromethane	< 4.1	ug/Kg	3/1/2013
Ethylbenzene	< 4.1	ug/Kg	3/1/2013
Freon 113	< 4.1	ug/Kg	3/1/2013
Isopropylbenzene	< 4.1	ug/Kg	3/1/2013
m,p-Xylene	< 4.1	ug/Kg	3/1/2013
Methyl acetate	< 4.1	ug/Kg	3/1/2013
Methyl tert-butyl Ether	< 4.1	ug/Kg	3/1/2013
Methylcyclohexane	< 4.1	ug/Kg	3/1/2013
Methylene chloride	< 10	ug/Kg	3/1/2013
o-Xylene	< 4.1	ug/Kg	3/1/2013
Styrene	< 10	ug/Kg	3/1/2013
Tetrachloroethene	< 4.1	ug/Kg	3/1/2013
Toluene	< 4.1	ug/Kg	3/1/2013
trans-1,2-Dichloroethene	< 4.1	ug/Kg	3/1/2013
trans-1,3-Dichloropropene	< 4.1	ug/Kg	3/1/2013
Trichloroethene	< 4.1	ug/Kg	3/1/2013
Trichlorofluoromethane	< 4.1	ug/Kg	3/1/2013
Vinyl chloride	< 4.1	ug/Kg	3/1/2013

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-123-20-022713		
Lab Sample ID:	130730-07	**Date Sampled:**	2/27/2013
Matrix:	Soil	**Date Received:**	2/28/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03692.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-22-022713

Lab Sample ID: 130730-08 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.9	ug/Kg		3/1/2013
1,1,2,2-Tetrachloroethane	< 3.9	ug/Kg		3/1/2013
1,1,2-Trichloroethane	< 3.9	ug/Kg		3/1/2013
1,1-Dichloroethane	< 3.9	ug/Kg		3/1/2013
1,1-Dichloroethene	< 3.9	ug/Kg		3/1/2013
1,2,3-Trichlorobenzene	< 9.6	ug/Kg		3/1/2013
1,2,4-Trichlorobenzene	< 9.6	ug/Kg		3/1/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/1/2013
1,2-Dibromoethane	< 3.9	ug/Kg		3/1/2013
1,2-Dichlorobenzene	< 3.9	ug/Kg		3/1/2013
1,2-Dichloroethane	< 3.9	ug/Kg		3/1/2013
1,2-Dichloropropane	< 3.9	ug/Kg		3/1/2013
1,3-Dichlorobenzene	< 3.9	ug/Kg		3/1/2013
1,4-Dichlorobenzene	< 3.9	ug/Kg		3/1/2013
1,4-dioxane	< 39	ug/Kg		3/1/2013
2-Butanone	< 19	ug/Kg		3/1/2013
2-Hexanone	< 9.6	ug/Kg		3/1/2013
4-Methyl-2-pentanone	< 9.6	ug/Kg		3/1/2013
Acetone	< 19	ug/Kg		3/1/2013
Benzene	< 3.9	ug/Kg		3/1/2013
Bromochloromethane	< 9.6	ug/Kg		3/1/2013
Bromodichloromethane	< 3.9	ug/Kg		3/1/2013
Bromoform	< 9.6	ug/Kg		3/1/2013
Bromomethane	< 3.9	ug/Kg		3/1/2013
Carbon disulfide	< 3.9	ug/Kg		3/1/2013
Carbon Tetrachloride	< 3.9	ug/Kg		3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-22-022713

Lab Sample ID: 130730-08 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorobenzene	< 3.9	ug/Kg	3/1/2013
Chloroethane	< 3.9	ug/Kg	3/1/2013
Chloroform	< 3.9	ug/Kg	3/1/2013
Chloromethane	< 3.9	ug/Kg	3/1/2013
cis-1,2-Dichloroethene	< 3.9	ug/Kg	3/1/2013
cis-1,3-Dichloropropene	< 3.9	ug/Kg	3/1/2013
Cyclohexane	< 19	ug/Kg	3/1/2013
Dibromochloromethane	< 3.9	ug/Kg	3/1/2013
Dichlorodifluoromethane	< 3.9	ug/Kg	3/1/2013
Ethylbenzene	< 3.9	ug/Kg	3/1/2013
Freon 113	< 3.9	ug/Kg	3/1/2013
Isopropylbenzene	< 3.9	ug/Kg	3/1/2013
m,p-Xylene	< 3.9	ug/Kg	3/1/2013
Methyl acetate	< 3.9	ug/Kg	3/1/2013
Methyl tert-butyl Ether	< 3.9	ug/Kg	3/1/2013
Methylcyclohexane	< 3.9	ug/Kg	3/1/2013
Methylene chloride	< 9.6	ug/Kg	3/1/2013
o-Xylene	< 3.9	ug/Kg	3/1/2013
Styrene	< 9.6	ug/Kg	3/1/2013
Tetrachloroethene	< 3.9	ug/Kg	3/1/2013
Toluene	< 3.9	ug/Kg	3/1/2013
trans-1,2-Dichloroethene	< 3.9	ug/Kg	3/1/2013
trans-1,3-Dichloropropene	< 3.9	ug/Kg	3/1/2013
Trichloroethene	< 3.9	ug/Kg	3/1/2013
Trichlorofluoromethane	< 3.9	ug/Kg	3/1/2013
Vinyl chloride	< 3.9	ug/Kg	3/1/2013

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-123-22-022713		
Lab Sample ID:	130730-08	**Date Sampled:**	2/27/2013
Matrix:	Soil	**Date Received:**	2/28/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03693.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-26-022713

Lab Sample ID: 130730-09 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.0	ug/Kg		3/1/2013
1,1,2,2-Tetrachloroethane	< 4.0	ug/Kg		3/1/2013
1,1,2-Trichloroethane	< 4.0	ug/Kg		3/1/2013
1,1-Dichloroethane	< 4.0	ug/Kg		3/1/2013
1,1-Dichloroethene	< 4.0	ug/Kg		3/1/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		3/1/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		3/1/2013
1,2-Dibromo-3-Chloropropane	< 20	ug/Kg		3/1/2013
1,2-Dibromoethane	< 4.0	ug/Kg		3/1/2013
1,2-Dichlorobenzene	< 4.0	ug/Kg		3/1/2013
1,2-Dichloroethane	< 4.0	ug/Kg		3/1/2013
1,2-Dichloropropane	< 4.0	ug/Kg		3/1/2013
1,3-Dichlorobenzene	< 4.0	ug/Kg		3/1/2013
1,4-Dichlorobenzene	< 4.0	ug/Kg		3/1/2013
1,4-dioxane	< 40	ug/Kg		3/1/2013
2-Butanone	< 20	ug/Kg		3/1/2013
2-Hexanone	< 10	ug/Kg		3/1/2013
4-Methyl-2-pentanone	< 10	ug/Kg		3/1/2013
Acetone	< 20	ug/Kg		3/1/2013
Benzene	< 4.0	ug/Kg		3/1/2013
Bromochloromethane	< 10	ug/Kg		3/1/2013
Bromodichloromethane	< 4.0	ug/Kg		3/1/2013
Bromoform	< 10	ug/Kg		3/1/2013
Bromomethane	< 4.0	ug/Kg		3/1/2013
Carbon disulfide	< 4.0	ug/Kg		3/1/2013
Carbon Tetrachloride	< 4.0	ug/Kg		3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-123-26-022713

Lab Sample ID: 130730-09 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorobenzene	< 4.0	ug/Kg	3/1/2013
Chloroethane	< 4.0	ug/Kg	3/1/2013
Chloroform	< 4.0	ug/Kg	3/1/2013
Chloromethane	< 4.0	ug/Kg	3/1/2013
cis-1,2-Dichloroethene	< 4.0	ug/Kg	3/1/2013
cis-1,3-Dichloropropene	< 4.0	ug/Kg	3/1/2013
Cyclohexane	< 20	ug/Kg	3/1/2013
Dibromochloromethane	< 4.0	ug/Kg	3/1/2013
Dichlorodifluoromethane	< 4.0	ug/Kg	3/1/2013
Ethylbenzene	< 4.0	ug/Kg	3/1/2013
Freon 113	< 4.0	ug/Kg	3/1/2013
Isopropylbenzene	< 4.0	ug/Kg	3/1/2013
m,p-Xylene	< 4.0	ug/Kg	3/1/2013
Methyl acetate	< 4.0	ug/Kg	3/1/2013
Methyl tert-butyl Ether	< 4.0	ug/Kg	3/1/2013
Methylcyclohexane	< 4.0	ug/Kg	3/1/2013
Methylene chloride	< 10	ug/Kg	3/1/2013
o-Xylene	< 4.0	ug/Kg	3/1/2013
Styrene	< 10	ug/Kg	3/1/2013
Tetrachloroethene	< 4.0	ug/Kg	3/1/2013
Toluene	< 4.0	ug/Kg	3/1/2013
trans-1,2-Dichloroethene	< 4.0	ug/Kg	3/1/2013
trans-1,3-Dichloropropene	< 4.0	ug/Kg	3/1/2013
Trichloroethene	< 4.0	ug/Kg	3/1/2013
Trichlorofluoromethane	< 4.0	ug/Kg	3/1/2013
Vinyl chloride	< 4.0	ug/Kg	3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-123-26-022713		
Lab Sample ID:	130730-09	**Date Sampled:**	2/27/2013
Matrix:	Soil	**Date Received:**	2/28/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03694.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-14-022713

Lab Sample ID: 130730-10 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.8	ug/Kg		3/1/2013
1,1,2,2-Tetrachloroethane	< 3.8	ug/Kg		3/1/2013
1,1,2-Trichloroethane	< 3.8	ug/Kg		3/1/2013
1,1-Dichloroethane	< 3.8	ug/Kg		3/1/2013
1,1-Dichloroethene	< 3.8	ug/Kg		3/1/2013
1,2,3-Trichlorobenzene	< 9.5	ug/Kg		3/1/2013
1,2,4-Trichlorobenzene	< 9.5	ug/Kg		3/1/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/1/2013
1,2-Dibromoethane	< 3.8	ug/Kg		3/1/2013
1,2-Dichlorobenzene	< 3.8	ug/Kg		3/1/2013
1,2-Dichloroethane	< 3.8	ug/Kg		3/1/2013
1,2-Dichloropropane	< 3.8	ug/Kg		3/1/2013
1,3-Dichlorobenzene	< 3.8	ug/Kg		3/1/2013
1,4-Dichlorobenzene	< 3.8	ug/Kg		3/1/2013
1,4-dioxane	< 38	ug/Kg		3/1/2013
2-Butanone	< 19	ug/Kg		3/1/2013
2-Hexanone	< 9.5	ug/Kg		3/1/2013
4-Methyl-2-pentanone	< 9.5	ug/Kg		3/1/2013
Acetone	< 19	ug/Kg		3/1/2013
Benzene	< 3.8	ug/Kg		3/1/2013
Bromochloromethane	< 9.5	ug/Kg		3/1/2013
Bromodichloromethane	< 3.8	ug/Kg		3/1/2013
Bromoform	< 9.5	ug/Kg		3/1/2013
Bromomethane	< 3.8	ug/Kg		3/1/2013
Carbon disulfide	< 3.8	ug/Kg		3/1/2013
Carbon Tetrachloride	< 3.8	ug/Kg		3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-14-022713

Lab Sample ID: 130730-10 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorobenzene	< 3.8	ug/Kg	3/1/2013
Chloroethane	< 3.8	ug/Kg	3/1/2013
Chloroform	< 3.8	ug/Kg	3/1/2013
Chloromethane	< 3.8	ug/Kg	3/1/2013
cis-1,2-Dichloroethene	< 3.8	ug/Kg	3/1/2013
cis-1,3-Dichloropropene	< 3.8	ug/Kg	3/1/2013
Cyclohexane	< 19	ug/Kg	3/1/2013
Dibromochloromethane	< 3.8	ug/Kg	3/1/2013
Dichlorodifluoromethane	< 3.8	ug/Kg	3/1/2013
Ethylbenzene	< 3.8	ug/Kg	3/1/2013
Freon 113	< 3.8	ug/Kg	3/1/2013
Isopropylbenzene	< 3.8	ug/Kg	3/1/2013
m,p-Xylene	< 3.8	ug/Kg	3/1/2013
Methyl acetate	< 3.8	ug/Kg	3/1/2013
Methyl tert-butyl Ether	< 3.8	ug/Kg	3/1/2013
Methylcyclohexane	< 3.8	ug/Kg	3/1/2013
Methylene chloride	< 9.5	ug/Kg	3/1/2013
o-Xylene	< 3.8	ug/Kg	3/1/2013
Styrene	< 9.5	ug/Kg	3/1/2013
Tetrachloroethene	< 3.8	ug/Kg	3/1/2013
Toluene	< 3.8	ug/Kg	3/1/2013
trans-1,2-Dichloroethene	< 3.8	ug/Kg	3/1/2013
trans-1,3-Dichloropropene	< 3.8	ug/Kg	3/1/2013
Trichloroethene	< 3.8	ug/Kg	3/1/2013
Trichlorofluoromethane	< 3.8	ug/Kg	3/1/2013
Vinyl chloride	< 3.8	ug/Kg	3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-124-14-022713		
Lab Sample ID:	130730-10	**Date Sampled:**	2/27/2013
Matrix:	Soil	**Date Received:**	2/28/2013

Surrogate outliers indicate probable matrix interference

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03695.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-18-022713

Lab Sample ID: 130730-11 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.8	ug/Kg		3/1/2013
1,1,2,2-Tetrachloroethane	< 3.8	ug/Kg		3/1/2013
1,1,2-Trichloroethane	< 3.8	ug/Kg		3/1/2013
1,1-Dichloroethane	< 3.8	ug/Kg		3/1/2013
1,1-Dichloroethene	< 3.8	ug/Kg		3/1/2013
1,2,3-Trichlorobenzene	< 9.5	ug/Kg		3/1/2013
1,2,4-Trichlorobenzene	< 9.5	ug/Kg		3/1/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/1/2013
1,2-Dibromoethane	< 3.8	ug/Kg		3/1/2013
1,2-Dichlorobenzene	< 3.8	ug/Kg		3/1/2013
1,2-Dichloroethane	< 3.8	ug/Kg		3/1/2013
1,2-Dichloropropane	< 3.8	ug/Kg		3/1/2013
1,3-Dichlorobenzene	< 3.8	ug/Kg		3/1/2013
1,4-Dichlorobenzene	< 3.8	ug/Kg		3/1/2013
1,4-dioxane	< 38	ug/Kg		3/1/2013
2-Butanone	< 19	ug/Kg		3/1/2013
2-Hexanone	< 9.5	ug/Kg		3/1/2013
4-Methyl-2-pentanone	< 9.5	ug/Kg		3/1/2013
Acetone	< 19	ug/Kg		3/1/2013
Benzene	< 3.8	ug/Kg		3/1/2013
Bromochloromethane	< 9.5	ug/Kg		3/1/2013
Bromodichloromethane	< 3.8	ug/Kg		3/1/2013
Bromoform	< 9.5	ug/Kg		3/1/2013
Bromomethane	< 3.8	ug/Kg		3/1/2013
Carbon disulfide	< 3.8	ug/Kg		3/1/2013
Carbon Tetrachloride	< 3.8	ug/Kg		3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-18-022713

Lab Sample ID: 130730-11 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorobenzene	< 3.8	ug/Kg	3/1/2013
Chloroethane	< 3.8	ug/Kg	3/1/2013
Chloroform	< 3.8	ug/Kg	3/1/2013
Chloromethane	< 3.8	ug/Kg	3/1/2013
cis-1,2-Dichloroethene	< 3.8	ug/Kg	3/1/2013
cis-1,3-Dichloropropene	< 3.8	ug/Kg	3/1/2013
Cyclohexane	< 19	ug/Kg	3/1/2013
Dibromochloromethane	< 3.8	ug/Kg	3/1/2013
Dichlorodifluoromethane	< 3.8	ug/Kg	3/1/2013
Ethylbenzene	< 3.8	ug/Kg	3/1/2013
Freon 113	< 3.8	ug/Kg	3/1/2013
Isopropylbenzene	< 3.8	ug/Kg	3/1/2013
m,p-Xylene	< 3.8	ug/Kg	3/1/2013
Methyl acetate	< 3.8	ug/Kg	3/1/2013
Methyl tert-butyl Ether	< 3.8	ug/Kg	3/1/2013
Methylcyclohexane	< 3.8	ug/Kg	3/1/2013
Methylene chloride	< 9.5	ug/Kg	3/1/2013
o-Xylene	< 3.8	ug/Kg	3/1/2013
Styrene	< 9.5	ug/Kg	3/1/2013
Tetrachloroethene	< 3.8	ug/Kg	3/1/2013
Toluene	< 3.8	ug/Kg	3/1/2013
trans-1,2-Dichloroethene	< 3.8	ug/Kg	3/1/2013
trans-1,3-Dichloropropene	< 3.8	ug/Kg	3/1/2013
Trichloroethene	< 3.8	ug/Kg	3/1/2013
Trichlorofluoromethane	< 3.8	ug/Kg	3/1/2013
Vinyl chloride	< 3.8	ug/Kg	3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-124-18-022713		
Lab Sample ID:	130730-11	**Date Sampled:**	2/27/2013
Matrix:	Soil	**Date Received:**	2/28/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03696.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-22-26-022713

Lab Sample ID: 130730-12 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.016	mg/Kg		3/5/2013

Method Reference(s): EPA 7471B

Data File: hg130305b

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-22-26-022713

Lab Sample ID: 130730-12 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2500**	mg/Kg		3/4/2013
Antimony	< 6.1	mg/Kg		3/4/2013
Arsenic	**0.67**	mg/Kg	J	3/4/2013
Barium	**11**	mg/Kg		3/4/2013
Beryllium	< 0.51	mg/Kg		3/4/2013
Cadmium	< 0.51	mg/Kg		3/4/2013
Calcium	**50000**	mg/Kg		3/4/2013
Chromium	**4.0**	mg/Kg		3/4/2013
Cobalt	< 5.1	mg/Kg		3/4/2013
Copper	**6.4**	mg/Kg		3/4/2013
Iron	**6800**	mg/Kg		3/4/2013
Lead (Axial)	**7.6**	mg/Kg		3/4/2013
Magnesium	**22000**	mg/Kg		3/4/2013
Manganese	**230**	mg/Kg		3/4/2013
Nickel	**3.5**	mg/Kg	J	3/4/2013
Potassium	**630**	mg/Kg		3/4/2013
Selenium	< 1.0	mg/Kg		3/4/2013
Silver	**0.63**	mg/Kg	J	3/4/2013
Sodium	**190**	mg/Kg	J	3/4/2013
Thallium	**1.4**	mg/Kg	J	3/4/2013
Vanadium	**11**	mg/Kg		3/4/2013
Zinc	**66**	mg/Kg		3/4/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 031413a

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-22-26-022713

Lab Sample ID: 130730-12 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.030	mg/Kg		3/1/2013
PCB-1221	< 0.030	mg/Kg		3/1/2013
PCB-1232	< 0.030	mg/Kg		3/1/2013
PCB-1242	< 0.030	mg/Kg		3/1/2013
PCB-1248	< 0.030	mg/Kg		3/1/2013
PCB-1254	< 0.030	mg/Kg		3/1/2013
PCB-1260	< 0.030	mg/Kg		3/1/2013
PCB-1262	< 0.030	mg/Kg		3/1/2013
PCB-1268	< 0.030	mg/Kg		3/1/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-22-26-022713

Lab Sample ID: 130730-12 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.0	ug/Kg		2/28/2013
4,4-DDE	< 3.0	ug/Kg		2/28/2013
4,4-DDT	< 3.0	ug/Kg		2/28/2013
Aldrin	< 3.0	ug/Kg		2/28/2013
alpha-BHC	< 3.0	ug/Kg		2/28/2013
beta-BHC	< 3.0	ug/Kg		2/28/2013
cis-Chlordane	< 3.0	ug/Kg		2/28/2013
delta-BHC	< 3.0	ug/Kg		2/28/2013
Dieldrin	< 3.0	ug/Kg		2/28/2013
Endosulfan I	< 3.0	ug/Kg		2/28/2013
Endosulfan II	< 3.0	ug/Kg		2/28/2013
Endosulfan Sulfate	< 3.0	ug/Kg		2/28/2013
Endrin	< 3.0	ug/Kg		2/28/2013
Endrin Aldehyde	< 3.0	ug/Kg		2/28/2013
Endrin Ketone	< 3.0	ug/Kg		2/28/2013
gamma-BHC (Lindane)	< 3.0	ug/Kg		2/28/2013
Heptachlor	< 3.0	ug/Kg		2/28/2013
Heptachlor Epoxide	< 3.0	ug/Kg		2/28/2013
Methoxychlor	< 3.0	ug/Kg		2/28/2013
Toxaphene	< 30	ug/Kg		2/28/2013
trans-Chlordane	< 3.0	ug/Kg		2/28/2013

Method Reference(s): EPA 8081B
EPA 3550C

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-22-26-022713

Lab Sample ID: 130730-12 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 300	ug/Kg		3/1/2013
1,2,4,5-Tetrachlorobenzene	< 300	ug/Kg		3/1/2013
1,2,4-Trichlorobenzene	< 300	ug/Kg		3/1/2013
1,2-Dichlorobenzene	< 300	ug/Kg		3/1/2013
1,3-Dichlorobenzene	< 300	ug/Kg		3/1/2013
1,4-Dichlorobenzene	< 300	ug/Kg		3/1/2013
2,4-Dinitrotoluene	< 300	ug/Kg		3/1/2013
2,6-Dichlorophenol	< 300	ug/Kg		3/1/2013
2,6-Dinitrotoluene	< 300	ug/Kg		3/1/2013
2-Chloronaphthalene	< 300	ug/Kg		3/1/2013
2-Methylnapthalene	< 300	ug/Kg		3/1/2013
2-Nitroaniline	< 610	ug/Kg		3/1/2013
3,3'-Dichlorobenzidine	< 300	ug/Kg		3/1/2013
3-Nitroaniline	< 610	ug/Kg		3/1/2013
4-Bromophenyl phenyl ether	< 300	ug/Kg		3/1/2013
4-Chloroaniline	< 300	ug/Kg		3/1/2013
4-Chlorophenyl phenyl ether	< 300	ug/Kg		3/1/2013
4-Nitroaniline	< 610	ug/Kg		3/1/2013
Acenaphthene	< 300	ug/Kg		3/1/2013
Acenaphthylene	< 300	ug/Kg		3/1/2013
Acetophenone	< 300	ug/Kg		3/1/2013
Anthracene	< 300	ug/Kg		3/1/2013
Atrazine	< 300	ug/Kg		3/1/2013
Benzaldehyde	< 300	ug/Kg		3/1/2013
Benzo (a) anthracene	< 300	ug/Kg		3/1/2013
Benzo (a) pyrene	< 300	ug/Kg		3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-22-26-022713

Lab Sample ID: 130730-12 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Benzo (b) fluoranthene	< 300	ug/Kg	3/1/2013
Benzo (g,h,i) perylene	< 300	ug/Kg	3/1/2013
Benzo (k) fluoranthene	< 300	ug/Kg	3/1/2013
Bis (2-chloroethoxy) methane	< 300	ug/Kg	3/1/2013
Bis (2-chloroethyl) ether	< 300	ug/Kg	3/1/2013
Bis (2-chloroisopropyl) ether	< 300	ug/Kg	3/1/2013
Bis (2-ethylhexyl) phthalate	< 300	ug/Kg	3/1/2013
Butylbenzylphthalate	< 300	ug/Kg	3/1/2013
Caprolactam	< 300	ug/Kg	3/1/2013
Carbazole	< 300	ug/Kg	3/1/2013
Chrysene	< 300	ug/Kg	3/1/2013
Dibenz (a,h) anthracene	< 300	ug/Kg	3/1/2013
Dibenzofuran	< 300	ug/Kg	3/1/2013
Diethyl phthalate	< 300	ug/Kg	3/1/2013
Dimethyl phthalate	< 610	ug/Kg	3/1/2013
Di-n-butyl phthalate	< 300	ug/Kg	3/1/2013
Di-n-octylphthalate	< 300	ug/Kg	3/1/2013
Fluoranthene	< 300	ug/Kg	3/1/2013
Fluorene	< 300	ug/Kg	3/1/2013
Hexachlorobenzene	< 300	ug/Kg	3/1/2013
Hexachlorobutadiene	< 300	ug/Kg	3/1/2013
Hexachlorocyclopentadiene	< 300	ug/Kg	3/1/2013
Hexachloroethane	< 300	ug/Kg	3/1/2013
Indeno (1,2,3-cd) pyrene	< 300	ug/Kg	3/1/2013
Isophorone	< 300	ug/Kg	3/1/2013
Naphthalene	< 300	ug/Kg	3/1/2013
Nitrobenzene	< 300	ug/Kg	3/1/2013
N-Nitroso-di-n-propylamine	< 300	ug/Kg	3/1/2013
N-Nitrosodiphenylamine	< 300	ug/Kg	3/1/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-22-26-022713

Lab Sample ID: 130730-12 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Phenanthrene		< 300	ug/Kg	3/1/2013
Pyrene		< 300	ug/Kg	3/1/2013
Method Reference(s):	EPA 8270C EPA 3550C			
Data File:	S68136.D			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, March 07, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-26-022713

Lab Sample ID: 130730-13 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.1	ug/Kg		3/4/2013
1,1,2,2-Tetrachloroethane	< 4.1	ug/Kg		3/4/2013
1,1,2-Trichloroethane	< 4.1	ug/Kg		3/4/2013
1,1-Dichloroethane	< 4.1	ug/Kg		3/4/2013
1,1-Dichloroethene	< 4.1	ug/Kg		3/4/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		3/4/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		3/4/2013
1,2-Dibromo-3-Chloropropane	< 21	ug/Kg		3/4/2013
1,2-Dibromoethane	< 4.1	ug/Kg		3/4/2013
1,2-Dichlorobenzene	< 4.1	ug/Kg		3/4/2013
1,2-Dichloroethane	< 4.1	ug/Kg		3/4/2013
1,2-Dichloropropane	< 4.1	ug/Kg		3/4/2013
1,3-Dichlorobenzene	< 4.1	ug/Kg		3/4/2013
1,4-Dichlorobenzene	< 4.1	ug/Kg		3/4/2013
1,4-dioxane	< 41	ug/Kg		3/4/2013
2-Butanone	< 21	ug/Kg		3/4/2013
2-Hexanone	< 10	ug/Kg		3/4/2013
4-Methyl-2-pentanone	< 10	ug/Kg		3/4/2013
Acetone	< 21	ug/Kg		3/4/2013
Benzene	< 4.1	ug/Kg		3/4/2013
Bromochloromethane	< 10	ug/Kg		3/4/2013
Bromodichloromethane	< 4.1	ug/Kg		3/4/2013
Bromoform	< 10	ug/Kg		3/4/2013
Bromomethane	< 4.1	ug/Kg		3/4/2013
Carbon disulfide	< 4.1	ug/Kg		3/4/2013
Carbon Tetrachloride	< 4.1	ug/Kg		3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-124-26-022713

Lab Sample ID: 130730-13 **Date Sampled:** 2/27/2013

Matrix: Soil **Date Received:** 2/28/2013

Chlorobenzene	< 4.1	ug/Kg	3/4/2013
Chloroethane	< 4.1	ug/Kg	3/4/2013
Chloroform	< 4.1	ug/Kg	3/4/2013
Chloromethane	< 4.1	ug/Kg	3/4/2013
cis-1,2-Dichloroethene	< 4.1	ug/Kg	3/4/2013
cis-1,3-Dichloropropene	< 4.1	ug/Kg	3/4/2013
Cyclohexane	< 21	ug/Kg	3/4/2013
Dibromochloromethane	< 4.1	ug/Kg	3/4/2013
Dichlorodifluoromethane	< 4.1	ug/Kg	3/4/2013
Ethylbenzene	< 4.1	ug/Kg	3/4/2013
Freon 113	< 4.1	ug/Kg	3/4/2013
Isopropylbenzene	< 4.1	ug/Kg	3/4/2013
m,p-Xylene	< 4.1	ug/Kg	3/4/2013
Methyl acetate	< 4.1	ug/Kg	3/4/2013
Methyl tert-butyl Ether	< 4.1	ug/Kg	3/4/2013
Methylcyclohexane	< 4.1	ug/Kg	3/4/2013
Methylene chloride	< 10	ug/Kg	3/4/2013
o-Xylene	< 4.1	ug/Kg	3/4/2013
Styrene	< 10	ug/Kg	3/4/2013
Tetrachloroethene	< 4.1	ug/Kg	3/4/2013
Toluene	< 4.1	ug/Kg	3/4/2013
trans-1,2-Dichloroethene	< 4.1	ug/Kg	3/4/2013
trans-1,3-Dichloropropene	< 4.1	ug/Kg	3/4/2013
Trichloroethene	< 4.1	ug/Kg	3/4/2013
Trichlorofluoromethane	< 4.1	ug/Kg	3/4/2013
Vinyl chloride	< 4.1	ug/Kg	3/4/2013

Lab Project ID: 130730

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-124-26-022713		
Lab Sample ID:	130730-13	**Date Sampled:**	2/27/2013
Matrix:	Soil	**Date Received:**	2/28/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03709.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Thursday, March 07, 2013

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		
CLIENT:	GZA GeoEnvironmental	CLIENT:		LAB PROJECT ID: 130730
ADDRESS:	535 Washington St.	ADDRESS:		
CITY:	Buffalo STATE: NY ZIP: 14203	CITY: STATE: ZIP:		Quotation #:
PHONE:	716-685-2300	PHONE:		Email: Christopher.baron@gza.com thomas.bohlen@gza.com
ATTN:	C. Baron / T. Bohlen	ATTN:		

PROJECT REFERENCE
1001 Main St.
21.0056642.00 Task 17

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOC 8260 TCL	SVOC 8270 TCL	Metals TAL	PCBs 8082	Pest. 8081	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/27/13	845		X	TP-122-14-022713	SO	1	X					★ 2 Day Turn ★	01
2		850	X		TP-122-14-18-022713				X	X	X	X		02
3		855		X	TP-122-20-022713			X						03
4		900		X	TP-122-26-022713			X					★ ★	04
5		1040		X	TP-123-14-022713			X					→ .5 acq MAT per JH 2/28. EAH 2/28	05
6		1045	X		TP-123-14-18-022713				X	X	X	X	5 Day Turn	06
7		1050		X	TP-123-20-022713			X						07
8		1055		X	TP-123-22-022713			X						08
9		1100		X	TP-123-26-022713			X						09
10		1335		X	TP-124-14-022713			X						10

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☒
Rush 2 day	☐	Category B	☒		
Rush 1 day	☐				
Other	☒	Other	☐	Other EDD	☐
please indicate: See remarks		please indicate:		please indicate:	

Thomas Bohlen	2/27/13	Sampled By / Date/Time
Thomas Bohlen	2/27/13 1700	Relinquished By / Date/Time
[signature]	2/27/13 1700	Received By / Date/Time
Elizabeth A. Hoffman	2/28/13 1305	Received @ Lab By / Date/Time

Rec'd at 1°C iced from tempblk@ 1250 2/28. Rec'd w/ custody seals intact in cooler. EAH 2/28

Total Cost:

P.I.F. ☐

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GZA GeoEnvironmental	CLIENT:		130730
ADDRESS:	535 Washington St.	ADDRESS:		Quotation #:
CITY:	Buffalo, NY STATE: ZIP: 14203	CITY: STATE: ZIP:		
PHONE:	716 685-2300	PHONE:		Email: christopher.boron@gza.com thomas.bohlen@gza.com
ATTN:	C. Boron / T. Bohlen	ATTN:		

PROJECT REFERENCE
1001 Main St
21.0056642.00 Task 17

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOC 8260 TCL	SVOC 8270 list	Metals TAL	PCB's 8082	Pest. 8081	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/27/13	1340		X	TP-124-18-022713	SO	1	X					5 Day Turn	1 1
2		1345	X		TP-124-22-26-022713	↓	↓		X	X	X	X	↓	1 2
3		1345		X	TP-124-26-022713	↓	↓	X					↓	1 3
4														
5														
6														
7														
8														
9														
10														

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	☐	Batch QC	☐	Basic EDD ☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD ☒
Rush 2 day	☐	Category B	☒	
Rush 1 day	☐			
Other please indicate: See remarks	☒	Other please indicate:	☐	Other EDD please indicate: ☐

Sampled By: Thomas Bohlen	Date/Time: 2/27/13	Total Cost:
Relinquished By: Thomas Bohlen	Date/Time: 2/27/13 1700	
Received By: [signature]	Date/Time: 2/27/13 1700	P.I.F.
Received @ Lab By: Elizabeth A Hanch	Date/Time: 2/28/13 1305	

Chain of Custody Supplement

Client: GZA **Completed by:** EAH

Lab Project ID: 130730 **Date:** 2/28

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X	X 5035	
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X - Metals
Comments	1°C iced from temp blk @ 1250 2/28		
Sufficient Sample Quantity	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-14-022813

Lab Sample ID: 130756-01 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.1	ug/Kg		3/4/2013
1,1,2,2-Tetrachloroethane	< 4.1	ug/Kg		3/4/2013
1,1,2-Trichloroethane	< 4.1	ug/Kg		3/4/2013
1,1-Dichloroethane	< 4.1	ug/Kg		3/4/2013
1,1-Dichloroethene	< 4.1	ug/Kg		3/4/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		3/4/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		3/4/2013
1,2-Dibromo-3-Chloropropane	< 21	ug/Kg		3/4/2013
1,2-Dibromoethane	< 4.1	ug/Kg		3/4/2013
1,2-Dichlorobenzene	< 4.1	ug/Kg		3/4/2013
1,2-Dichloroethane	< 4.1	ug/Kg		3/4/2013
1,2-Dichloropropane	< 4.1	ug/Kg		3/4/2013
1,3-Dichlorobenzene	< 4.1	ug/Kg		3/4/2013
1,4-Dichlorobenzene	< 4.1	ug/Kg		3/4/2013
1,4-dioxane	< 41	ug/Kg		3/4/2013
2-Butanone	< 21	ug/Kg		3/4/2013
2-Hexanone	< 10	ug/Kg		3/4/2013
4-Methyl-2-pentanone	< 10	ug/Kg		3/4/2013
Acetone	< 21	ug/Kg		3/4/2013
Benzene	< 4.1	ug/Kg		3/4/2013
Bromochloromethane	< 10	ug/Kg		3/4/2013
Bromodichloromethane	< 4.1	ug/Kg		3/4/2013
Bromoform	< 10	ug/Kg		3/4/2013
Bromomethane	< 4.1	ug/Kg		3/4/2013
Carbon disulfide	< 4.1	ug/Kg		3/4/2013
Carbon Tetrachloride	< 4.1	ug/Kg		3/4/2013

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-14-022813

Lab Sample ID: 130756-01 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Chlorobenzene	< 4.1	ug/Kg	3/4/2013
Chloroethane	< 4.1	ug/Kg	3/4/2013
Chloroform	< 4.1	ug/Kg	3/4/2013
Chloromethane	< 4.1	ug/Kg	3/4/2013
cis-1,2-Dichloroethene	< 4.1	ug/Kg	3/4/2013
cis-1,3-Dichloropropene	< 4.1	ug/Kg	3/4/2013
Cyclohexane	< 21	ug/Kg	3/4/2013
Dibromochloromethane	< 4.1	ug/Kg	3/4/2013
Dichlorodifluoromethane	< 4.1	ug/Kg	3/4/2013
Ethylbenzene	< 4.1	ug/Kg	3/4/2013
Freon 113	< 4.1	ug/Kg	3/4/2013
Isopropylbenzene	< 4.1	ug/Kg	3/4/2013
m,p-Xylene	< 4.1	ug/Kg	3/4/2013
Methyl acetate	< 4.1	ug/Kg	3/4/2013
Methyl tert-butyl Ether	< 4.1	ug/Kg	3/4/2013
Methylcyclohexane	< 4.1	ug/Kg	3/4/2013
Methylene chloride	< 10	ug/Kg	3/4/2013
o-Xylene	< 4.1	ug/Kg	3/4/2013
Styrene	< 10	ug/Kg	3/4/2013
Tetrachloroethene	< 4.1	ug/Kg	3/4/2013
Toluene	< 4.1	ug/Kg	3/4/2013
trans-1,2-Dichloroethene	< 4.1	ug/Kg	3/4/2013
trans-1,3-Dichloropropene	< 4.1	ug/Kg	3/4/2013
Trichloroethene	< 4.1	ug/Kg	3/4/2013
Trichlorofluoromethane	< 4.1	ug/Kg	3/4/2013
Vinyl chloride	< 4.1	ug/Kg	3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier:	TP-125-14-022813		
Lab Sample ID:	130756-01	**Date Sampled:**	2/28/2013
Matrix:	Soil	**Date Received:**	3/1/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03710.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-16-022813

Lab Sample ID: 130756-02 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.9	ug/Kg		3/4/2013
1,1,2,2-Tetrachloroethane	< 3.9	ug/Kg		3/4/2013
1,1,2-Trichloroethane	< 3.9	ug/Kg		3/4/2013
1,1-Dichloroethane	< 3.9	ug/Kg		3/4/2013
1,1-Dichloroethene	< 3.9	ug/Kg		3/4/2013
1,2,3-Trichlorobenzene	< 9.7	ug/Kg		3/4/2013
1,2,4-Trichlorobenzene	< 9.7	ug/Kg		3/4/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/4/2013
1,2-Dibromoethane	< 3.9	ug/Kg		3/4/2013
1,2-Dichlorobenzene	< 3.9	ug/Kg		3/4/2013
1,2-Dichloroethane	< 3.9	ug/Kg		3/4/2013
1,2-Dichloropropane	< 3.9	ug/Kg		3/4/2013
1,3-Dichlorobenzene	< 3.9	ug/Kg		3/4/2013
1,4-Dichlorobenzene	< 3.9	ug/Kg		3/4/2013
1,4-dioxane	< 39	ug/Kg		3/4/2013
2-Butanone	< 19	ug/Kg		3/4/2013
2-Hexanone	< 9.7	ug/Kg		3/4/2013
4-Methyl-2-pentanone	< 9.7	ug/Kg		3/4/2013
Acetone	< 19	ug/Kg		3/4/2013
Benzene	< 3.9	ug/Kg		3/4/2013
Bromochloromethane	< 9.7	ug/Kg		3/4/2013
Bromodichloromethane	< 3.9	ug/Kg		3/4/2013
Bromoform	< 9.7	ug/Kg		3/4/2013
Bromomethane	< 3.9	ug/Kg		3/4/2013
Carbon disulfide	< 3.9	ug/Kg		3/4/2013
Carbon Tetrachloride	< 3.9	ug/Kg		3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-16-022813

Lab Sample ID: 130756-02 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Chlorobenzene	< 3.9	ug/Kg	3/4/2013
Chloroethane	< 3.9	ug/Kg	3/4/2013
Chloroform	< 3.9	ug/Kg	3/4/2013
Chloromethane	< 3.9	ug/Kg	3/4/2013
cis-1,2-Dichloroethene	< 3.9	ug/Kg	3/4/2013
cis-1,3-Dichloropropene	< 3.9	ug/Kg	3/4/2013
Cyclohexane	< 19	ug/Kg	3/4/2013
Dibromochloromethane	< 3.9	ug/Kg	3/4/2013
Dichlorodifluoromethane	< 3.9	ug/Kg	3/4/2013
Ethylbenzene	< 3.9	ug/Kg	3/4/2013
Freon 113	< 3.9	ug/Kg	3/4/2013
Isopropylbenzene	< 3.9	ug/Kg	3/4/2013
m,p-Xylene	< 3.9	ug/Kg	3/4/2013
Methyl acetate	< 3.9	ug/Kg	3/4/2013
Methyl tert-butyl Ether	< 3.9	ug/Kg	3/4/2013
Methylcyclohexane	< 3.9	ug/Kg	3/4/2013
Methylene chloride	< 9.7	ug/Kg	3/4/2013
o-Xylene	< 3.9	ug/Kg	3/4/2013
Styrene	< 9.7	ug/Kg	3/4/2013
Tetrachloroethene	< 3.9	ug/Kg	3/4/2013
Toluene	< 3.9	ug/Kg	3/4/2013
trans-1,2-Dichloroethene	< 3.9	ug/Kg	3/4/2013
trans-1,3-Dichloropropene	< 3.9	ug/Kg	3/4/2013
Trichloroethene	< 3.9	ug/Kg	3/4/2013
Trichlorofluoromethane	< 3.9	ug/Kg	3/4/2013
Vinyl chloride	< 3.9	ug/Kg	3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier:	TP-125-16-022813		
Lab Sample ID:	130756-02	**Date Sampled:**	2/28/2013
Matrix:	Soil	**Date Received:**	3/1/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03711.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-18-22-022813

Lab Sample ID: 130756-03 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.019	mg/Kg		3/5/2013

Method Reference(s): EPA 7471B

Data File: hg130305b

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-18-22-022813

Lab Sample ID: 130756-03 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2800**	mg/Kg		3/6/2013
Antimony	< 7.7	mg/Kg		3/6/2013
Arsenic	< 1.3	mg/Kg		3/6/2013
Barium	**18**	mg/Kg		3/6/2013
Beryllium	< 0.64	mg/Kg		3/6/2013
Cadmium	< 0.64	mg/Kg		3/6/2013
Calcium	**53000**	mg/Kg		3/6/2013
Chromium	**4.9**	mg/Kg		3/6/2013
Cobalt	< 6.4	mg/Kg		3/6/2013
Copper	**5.7**	mg/Kg		3/6/2013
Iron	**6800**	mg/Kg		3/6/2013
Lead (Axial)	**6.6**	mg/Kg		3/6/2013
Magnesium	**23000**	mg/Kg		3/6/2013
Manganese	**240**	mg/Kg		3/6/2013
Nickel	**3.7**	mg/Kg	J	3/6/2013
Potassium	**1100**	mg/Kg		3/6/2013
Selenium	< 1.3	mg/Kg		3/7/2013
Silver	**0.99**	mg/Kg	J	3/6/2013
Sodium	**370**	mg/Kg		3/7/2013
Thallium	< 3.2	mg/Kg		3/7/2013
Vanadium	**12**	mg/Kg		3/6/2013
Zinc	**58**	mg/Kg		3/6/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 030613b

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-18-22-022813

Lab Sample ID: 130756-03 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.036	mg/Kg		3/6/2013
PCB-1221	< 0.036	mg/Kg		3/6/2013
PCB-1232	< 0.036	mg/Kg		3/6/2013
PCB-1242	< 0.036	mg/Kg		3/6/2013
PCB-1248	< 0.036	mg/Kg		3/6/2013
PCB-1254	< 0.036	mg/Kg		3/6/2013
PCB-1260	< 0.036	mg/Kg		3/6/2013
PCB-1262	< 0.036	mg/Kg		3/6/2013
PCB-1268	< 0.036	mg/Kg		3/6/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-18-22-022813

Lab Sample ID: 130756-03 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.6	ug/Kg		3/7/2013
4,4-DDE	< 3.6	ug/Kg		3/7/2013
4,4-DDT	< 3.6	ug/Kg		3/7/2013
Aldrin	< 3.6	ug/Kg		3/7/2013
alpha-BHC	< 3.6	ug/Kg		3/7/2013
beta-BHC	< 3.6	ug/Kg		3/7/2013
cis-Chlordane	< 3.6	ug/Kg		3/7/2013
delta-BHC	< 3.6	ug/Kg		3/7/2013
Dieldrin	< 3.6	ug/Kg		3/7/2013
Endosulfan I	< 3.6	ug/Kg		3/7/2013
Endosulfan II	< 3.6	ug/Kg		3/7/2013
Endosulfan Sulfate	< 3.6	ug/Kg		3/7/2013
Endrin	< 3.6	ug/Kg		3/7/2013
Endrin Aldehyde	< 3.6	ug/Kg		3/7/2013
Endrin Ketone	< 3.6	ug/Kg		3/7/2013
gamma-BHC (Lindane)	< 3.6	ug/Kg		3/7/2013
Heptachlor	< 3.6	ug/Kg		3/7/2013
Heptachlor Epoxide	< 3.6	ug/Kg		3/7/2013
Methoxychlor	< 3.6	ug/Kg		3/7/2013
Toxaphene	< 36	ug/Kg		3/7/2013
trans-Chlordane	< 3.6	ug/Kg		3/7/2013

Method Reference(s): EPA 8081B
EPA 3550C

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-18-22-022813

Lab Sample ID: 130756-03 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 360	ug/Kg		3/4/2013
1,2,4,5-Tetrachlorobenzene	< 360	ug/Kg		3/4/2013
1,2,4-Trichlorobenzene	< 360	ug/Kg		3/4/2013
1,2-Dichlorobenzene	< 360	ug/Kg		3/4/2013
1,3-Dichlorobenzene	< 360	ug/Kg		3/4/2013
1,4-Dichlorobenzene	< 360	ug/Kg		3/4/2013
2,4-Dinitrotoluene	< 360	ug/Kg		3/4/2013
2,6-Dichlorophenol	< 360	ug/Kg		3/4/2013
2,6-Dinitrotoluene	< 360	ug/Kg		3/4/2013
2-Chloronaphthalene	< 360	ug/Kg		3/4/2013
2-Methylnapthalene	< 360	ug/Kg		3/4/2013
2-Nitroaniline	< 730	ug/Kg		3/4/2013
3,3'-Dichlorobenzidine	< 360	ug/Kg		3/4/2013
3-Nitroaniline	< 730	ug/Kg		3/4/2013
4-Bromophenyl phenyl ether	< 360	ug/Kg		3/4/2013
4-Chloroaniline	< 360	ug/Kg		3/4/2013
4-Chlorophenyl phenyl ether	< 360	ug/Kg		3/4/2013
4-Nitroaniline	< 730	ug/Kg		3/4/2013
Acenaphthene	< 360	ug/Kg		3/4/2013
Acenaphthylene	< 360	ug/Kg		3/4/2013
Acetophenone	< 360	ug/Kg		3/4/2013
Anthracene	< 360	ug/Kg		3/4/2013
Atrazine	< 360	ug/Kg		3/4/2013
Benzaldehyde	< 360	ug/Kg		3/4/2013
Benzo (a) anthracene	< 360	ug/Kg		3/4/2013
Benzo (a) pyrene	< 360	ug/Kg		3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-18-22-022813

Lab Sample ID: 130756-03 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Benzo (b) fluoranthene	< 360	ug/Kg	3/4/2013
Benzo (g,h,i) perylene	< 360	ug/Kg	3/4/2013
Benzo (k) fluoranthene	< 360	ug/Kg	3/4/2013
Bis (2-chloroethoxy) methane	< 360	ug/Kg	3/4/2013
Bis (2-chloroethyl) ether	< 360	ug/Kg	3/4/2013
Bis (2-chloroisopropyl) ether	< 360	ug/Kg	3/4/2013
Bis (2-ethylhexyl) phthalate	< 360	ug/Kg	3/4/2013
Butylbenzylphthalate	< 360	ug/Kg	3/4/2013
Caprolactam	< 360	ug/Kg	3/4/2013
Carbazole	< 360	ug/Kg	3/4/2013
Chrysene	< 360	ug/Kg	3/4/2013
Dibenz (a,h) anthracene	< 360	ug/Kg	3/4/2013
Dibenzofuran	< 360	ug/Kg	3/4/2013
Diethyl phthalate	< 360	ug/Kg	3/4/2013
Dimethyl phthalate	< 730	ug/Kg	3/4/2013
Di-n-butyl phthalate	< 360	ug/Kg	3/4/2013
Di-n-octylphthalate	< 360	ug/Kg	3/4/2013
Fluoranthene	< 360	ug/Kg	3/4/2013
Fluorene	< 360	ug/Kg	3/4/2013
Hexachlorobenzene	< 360	ug/Kg	3/4/2013
Hexachlorobutadiene	< 360	ug/Kg	3/4/2013
Hexachlorocyclopentadiene	< 360	ug/Kg	3/4/2013
Hexachloroethane	< 360	ug/Kg	3/4/2013
Indeno (1,2,3-cd) pyrene	< 360	ug/Kg	3/4/2013
Isophorone	< 360	ug/Kg	3/4/2013
Naphthalene	< 360	ug/Kg	3/4/2013
Nitrobenzene	< 360	ug/Kg	3/4/2013
N-Nitroso-di-n-propylamine	< 360	ug/Kg	3/4/2013
N-Nitrosodiphenylamine	< 360	ug/Kg	3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-18-22-022813

Lab Sample ID: 130756-03 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Phenanthrene		< 360	ug/Kg	3/4/2013
Pyrene		< 360	ug/Kg	3/4/2013

Method Reference(s): EPA 8270C
EPA 3550C

Data File: S68172.D

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Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-26-022813

Lab Sample ID: 130756-04 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.0	ug/Kg		3/4/2013
1,1,2,2-Tetrachloroethane	< 3.0	ug/Kg		3/4/2013
1,1,2-Trichloroethane	< 3.0	ug/Kg		3/4/2013
1,1-Dichloroethane	< 3.0	ug/Kg		3/4/2013
1,1-Dichloroethene	< 3.0	ug/Kg		3/4/2013
1,2,3-Trichlorobenzene	< 7.5	ug/Kg		3/4/2013
1,2,4-Trichlorobenzene	< 7.5	ug/Kg		3/4/2013
1,2-Dibromo-3-Chloropropane	< 15	ug/Kg		3/4/2013
1,2-Dibromoethane	< 3.0	ug/Kg		3/4/2013
1,2-Dichlorobenzene	< 3.0	ug/Kg		3/4/2013
1,2-Dichloroethane	< 3.0	ug/Kg		3/4/2013
1,2-Dichloropropane	< 3.0	ug/Kg		3/4/2013
1,3-Dichlorobenzene	< 3.0	ug/Kg		3/4/2013
1,4-Dichlorobenzene	< 3.0	ug/Kg		3/4/2013
1,4-dioxane	< 30	ug/Kg		3/4/2013
2-Butanone	< 15	ug/Kg		3/4/2013
2-Hexanone	< 7.5	ug/Kg		3/4/2013
4-Methyl-2-pentanone	< 7.5	ug/Kg		3/4/2013
Acetone	< 15	ug/Kg		3/4/2013
Benzene	< 3.0	ug/Kg		3/4/2013
Bromochloromethane	< 7.5	ug/Kg		3/4/2013
Bromodichloromethane	< 3.0	ug/Kg		3/4/2013
Bromoform	< 7.5	ug/Kg		3/4/2013
Bromomethane	< 3.0	ug/Kg		3/4/2013
Carbon disulfide	< 3.0	ug/Kg		3/4/2013
Carbon Tetrachloride	< 3.0	ug/Kg		3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-125-26-022813

Lab Sample ID: 130756-04 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Chlorobenzene	< 3.0	ug/Kg	3/4/2013
Chloroethane	< 3.0	ug/Kg	3/4/2013
Chloroform	< 3.0	ug/Kg	3/4/2013
Chloromethane	< 3.0	ug/Kg	3/4/2013
cis-1,2-Dichloroethene	< 3.0	ug/Kg	3/4/2013
cis-1,3-Dichloropropene	< 3.0	ug/Kg	3/4/2013
Cyclohexane	< 15	ug/Kg	3/4/2013
Dibromochloromethane	< 3.0	ug/Kg	3/4/2013
Dichlorodifluoromethane	< 3.0	ug/Kg	3/4/2013
Ethylbenzene	< 3.0	ug/Kg	3/4/2013
Freon 113	< 3.0	ug/Kg	3/4/2013
Isopropylbenzene	< 3.0	ug/Kg	3/4/2013
m,p-Xylene	< 3.0	ug/Kg	3/4/2013
Methyl acetate	< 3.0	ug/Kg	3/4/2013
Methyl tert-butyl Ether	< 3.0	ug/Kg	3/4/2013
Methylcyclohexane	< 3.0	ug/Kg	3/4/2013
Methylene chloride	< 7.5	ug/Kg	3/4/2013
o-Xylene	< 3.0	ug/Kg	3/4/2013
Styrene	< 7.5	ug/Kg	3/4/2013
Tetrachloroethene	< 3.0	ug/Kg	3/4/2013
Toluene	< 3.0	ug/Kg	3/4/2013
trans-1,2-Dichloroethene	< 3.0	ug/Kg	3/4/2013
trans-1,3-Dichloropropene	< 3.0	ug/Kg	3/4/2013
Trichloroethene	< 3.0	ug/Kg	3/4/2013
Trichlorofluoromethane	< 3.0	ug/Kg	3/4/2013
Vinyl chloride	< 3.0	ug/Kg	3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier:	TP-125-26-022813		
Lab Sample ID:	130756-04	**Date Sampled:**	2/28/2013
Matrix:	Soil	**Date Received:**	3/1/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03712.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-14-022813

Lab Sample ID: 130756-05 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.9	ug/Kg		3/4/2013
1,1,2,2-Tetrachloroethane	< 3.9	ug/Kg		3/4/2013
1,1,2-Trichloroethane	< 3.9	ug/Kg		3/4/2013
1,1-Dichloroethane	< 3.9	ug/Kg		3/4/2013
1,1-Dichloroethene	< 3.9	ug/Kg		3/4/2013
1,2,3-Trichlorobenzene	< 9.7	ug/Kg		3/4/2013
1,2,4-Trichlorobenzene	< 9.7	ug/Kg		3/4/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/4/2013
1,2-Dibromoethane	< 3.9	ug/Kg		3/4/2013
1,2-Dichlorobenzene	< 3.9	ug/Kg		3/4/2013
1,2-Dichloroethane	< 3.9	ug/Kg		3/4/2013
1,2-Dichloropropane	< 3.9	ug/Kg		3/4/2013
1,3-Dichlorobenzene	< 3.9	ug/Kg		3/4/2013
1,4-Dichlorobenzene	< 3.9	ug/Kg		3/4/2013
1,4-dioxane	< 39	ug/Kg		3/4/2013
2-Butanone	< 19	ug/Kg		3/4/2013
2-Hexanone	< 9.7	ug/Kg		3/4/2013
4-Methyl-2-pentanone	< 9.7	ug/Kg		3/4/2013
Acetone	< 19	ug/Kg		3/4/2013
Benzene	< 3.9	ug/Kg		3/4/2013
Bromochloromethane	< 9.7	ug/Kg		3/4/2013
Bromodichloromethane	< 3.9	ug/Kg		3/4/2013
Bromoform	< 9.7	ug/Kg		3/4/2013
Bromomethane	< 3.9	ug/Kg		3/4/2013
Carbon disulfide	< 3.9	ug/Kg		3/4/2013
Carbon Tetrachloride	< 3.9	ug/Kg		3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-14-022813

Lab Sample ID: 130756-05 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Chlorobenzene	< 3.9	ug/Kg	3/4/2013
Chloroethane	< 3.9	ug/Kg	3/4/2013
Chloroform	< 3.9	ug/Kg	3/4/2013
Chloromethane	< 3.9	ug/Kg	3/4/2013
cis-1,2-Dichloroethene	< 3.9	ug/Kg	3/4/2013
cis-1,3-Dichloropropene	< 3.9	ug/Kg	3/4/2013
Cyclohexane	< 19	ug/Kg	3/4/2013
Dibromochloromethane	< 3.9	ug/Kg	3/4/2013
Dichlorodifluoromethane	< 3.9	ug/Kg	3/4/2013
Ethylbenzene	< 3.9	ug/Kg	3/4/2013
Freon 113	< 3.9	ug/Kg	3/4/2013
Isopropylbenzene	< 3.9	ug/Kg	3/4/2013
m,p-Xylene	< 3.9	ug/Kg	3/4/2013
Methyl acetate	< 3.9	ug/Kg	3/4/2013
Methyl tert-butyl Ether	< 3.9	ug/Kg	3/4/2013
Methylcyclohexane	< 3.9	ug/Kg	3/4/2013
Methylene chloride	< 9.7	ug/Kg	3/4/2013
o-Xylene	< 3.9	ug/Kg	3/4/2013
Styrene	< 9.7	ug/Kg	3/4/2013
Tetrachloroethene	< 3.9	ug/Kg	3/4/2013
Toluene	< 3.9	ug/Kg	3/4/2013
trans-1,2-Dichloroethene	< 3.9	ug/Kg	3/4/2013
trans-1,3-Dichloropropene	< 3.9	ug/Kg	3/4/2013
Trichloroethene	< 3.9	ug/Kg	3/4/2013
Trichlorofluoromethane	< 3.9	ug/Kg	3/4/2013
Vinyl chloride	< 3.9	ug/Kg	3/4/2013

PARADIGM
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Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier:	TP-126-14-022813		
Lab Sample ID:	130756-05	**Date Sampled:**	2/28/2013
Matrix:	Soil	**Date Received:**	3/1/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03713.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-16-022813

Lab Sample ID: 130756-06 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.7	ug/Kg		3/4/2013
1,1,2,2-Tetrachloroethane	< 3.7	ug/Kg		3/4/2013
1,1,2-Trichloroethane	< 3.7	ug/Kg		3/4/2013
1,1-Dichloroethane	< 3.7	ug/Kg		3/4/2013
1,1-Dichloroethene	< 3.7	ug/Kg		3/4/2013
1,2,3-Trichlorobenzene	< 9.3	ug/Kg		3/4/2013
1,2,4-Trichlorobenzene	< 9.3	ug/Kg		3/4/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/4/2013
1,2-Dibromoethane	< 3.7	ug/Kg		3/4/2013
1,2-Dichlorobenzene	< 3.7	ug/Kg		3/4/2013
1,2-Dichloroethane	< 3.7	ug/Kg		3/4/2013
1,2-Dichloropropane	< 3.7	ug/Kg		3/4/2013
1,3-Dichlorobenzene	< 3.7	ug/Kg		3/4/2013
1,4-Dichlorobenzene	< 3.7	ug/Kg		3/4/2013
1,4-dioxane	< 37	ug/Kg		3/4/2013
2-Butanone	< 19	ug/Kg		3/4/2013
2-Hexanone	< 9.3	ug/Kg		3/4/2013
4-Methyl-2-pentanone	< 9.3	ug/Kg		3/4/2013
Acetone	< 19	ug/Kg		3/4/2013
Benzene	< 3.7	ug/Kg		3/4/2013
Bromochloromethane	< 9.3	ug/Kg		3/4/2013
Bromodichloromethane	< 3.7	ug/Kg		3/4/2013
Bromoform	< 9.3	ug/Kg		3/4/2013
Bromomethane	< 3.7	ug/Kg		3/4/2013
Carbon disulfide	< 3.7	ug/Kg		3/4/2013
Carbon Tetrachloride	< 3.7	ug/Kg		3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-16-022813

Lab Sample ID: 130756-06 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Chlorobenzene	< 3.7	ug/Kg	3/4/2013
Chloroethane	< 3.7	ug/Kg	3/4/2013
Chloroform	< 3.7	ug/Kg	3/4/2013
Chloromethane	< 3.7	ug/Kg	3/4/2013
cis-1,2-Dichloroethene	< 3.7	ug/Kg	3/4/2013
cis-1,3-Dichloropropene	< 3.7	ug/Kg	3/4/2013
Cyclohexane	< 19	ug/Kg	3/4/2013
Dibromochloromethane	< 3.7	ug/Kg	3/4/2013
Dichlorodifluoromethane	< 3.7	ug/Kg	3/4/2013
Ethylbenzene	< 3.7	ug/Kg	3/4/2013
Freon 113	< 3.7	ug/Kg	3/4/2013
Isopropylbenzene	< 3.7	ug/Kg	3/4/2013
m,p-Xylene	< 3.7	ug/Kg	3/4/2013
Methyl acetate	< 3.7	ug/Kg	3/4/2013
Methyl tert-butyl Ether	< 3.7	ug/Kg	3/4/2013
Methylcyclohexane	< 3.7	ug/Kg	3/4/2013
Methylene chloride	< 9.3	ug/Kg	3/4/2013
o-Xylene	< 3.7	ug/Kg	3/4/2013
Styrene	< 9.3	ug/Kg	3/4/2013
Tetrachloroethene	< 3.7	ug/Kg	3/4/2013
Toluene	< 3.7	ug/Kg	3/4/2013
trans-1,2-Dichloroethene	< 3.7	ug/Kg	3/4/2013
trans-1,3-Dichloropropene	< 3.7	ug/Kg	3/4/2013
Trichloroethene	< 3.7	ug/Kg	3/4/2013
Trichlorofluoromethane	< 3.7	ug/Kg	3/4/2013
Vinyl chloride	< 3.7	ug/Kg	3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier:	TP-126-16-022813		
Lab Sample ID:	130756-06	**Date Sampled:**	2/28/2013
Matrix:	Soil	**Date Received:**	3/1/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03714.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-14-18-022813

Lab Sample ID: 130756-07 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.014	mg/Kg		3/5/2013

Method Reference(s): EPA 7471B

Data File: hg130305b

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-14-18-022813

Lab Sample ID: 130756-07 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2200**	mg/Kg		3/6/2013
Antimony	< 6.6	mg/Kg		3/6/2013
Arsenic	< 1.1	mg/Kg		3/6/2013
Barium	**23**	mg/Kg		3/6/2013
Beryllium	< 0.55	mg/Kg		3/6/2013
Cadmium	**0.30**	mg/Kg	J	3/6/2013
Calcium	**53000**	mg/Kg		3/6/2013
Chromium	**4.2**	mg/Kg		3/6/2013
Cobalt	< 5.5	mg/Kg		3/6/2013
Copper	**6.0**	mg/Kg		3/6/2013
Iron	**6400**	mg/Kg		3/6/2013
Lead (Axial)	**6.8**	mg/Kg		3/6/2013
Magnesium	**21000**	mg/Kg		3/6/2013
Manganese	**190**	mg/Kg		3/6/2013
Nickel	**3.4**	mg/Kg	J	3/6/2013
Potassium	**810**	mg/Kg		3/6/2013
Selenium	< 1.1	mg/Kg		3/7/2013
Silver	**1.1**	mg/Kg		3/6/2013
Sodium	**190**	mg/Kg	J	3/7/2013
Thallium	< 2.8	mg/Kg		3/7/2013
Vanadium	**11**	mg/Kg		3/6/2013
Zinc	**79**	mg/Kg		3/6/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 030613b

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-14-18-022813

Lab Sample ID: 130756-07 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.029	mg/Kg		3/6/2013
PCB-1221	< 0.029	mg/Kg		3/6/2013
PCB-1232	< 0.029	mg/Kg		3/6/2013
PCB-1242	< 0.029	mg/Kg		3/6/2013
PCB-1248	< 0.029	mg/Kg		3/6/2013
PCB-1254	< 0.029	mg/Kg		3/6/2013
PCB-1260	< 0.029	mg/Kg		3/6/2013
PCB-1262	< 0.029	mg/Kg		3/6/2013
PCB-1268	< 0.029	mg/Kg		3/6/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-14-18-022813
Lab Sample ID: 130756-07 **Date Sampled:** 2/28/2013
Matrix: Soil **Date Received:** 3/1/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 2.9	ug/Kg		3/7/2013
4,4-DDE	< 2.9	ug/Kg		3/7/2013
4,4-DDT	< 2.9	ug/Kg		3/7/2013
Aldrin	< 2.9	ug/Kg		3/7/2013
alpha-BHC	< 2.9	ug/Kg		3/7/2013
beta-BHC	< 2.9	ug/Kg		3/7/2013
cis-Chlordane	< 2.9	ug/Kg		3/7/2013
delta-BHC	< 2.9	ug/Kg		3/7/2013
Dieldrin	< 2.9	ug/Kg		3/7/2013
Endosulfan I	< 2.9	ug/Kg		3/7/2013
Endosulfan II	< 2.9	ug/Kg		3/7/2013
Endosulfan Sulfate	< 2.9	ug/Kg		3/7/2013
Endrin	< 2.9	ug/Kg		3/7/2013
Endrin Aldehyde	< 2.9	ug/Kg		3/7/2013
Endrin Ketone	< 2.9	ug/Kg		3/7/2013
gamma-BHC (Lindane)	< 2.9	ug/Kg		3/7/2013
Heptachlor	< 2.9	ug/Kg		3/7/2013
Heptachlor Epoxide	< 2.9	ug/Kg		3/7/2013
Methoxychlor	< 2.9	ug/Kg		3/7/2013
Toxaphene	< 29	ug/Kg		3/7/2013
trans-Chlordane	< 2.9	ug/Kg		3/7/2013

Method Reference(s): EPA 8081B
EPA 3550C

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-14-18-022813

Lab Sample ID: 130756-07 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 290	ug/Kg		3/4/2013
1,2,4,5-Tetrachlorobenzene	< 290	ug/Kg		3/4/2013
1,2,4-Trichlorobenzene	< 290	ug/Kg		3/4/2013
1,2-Dichlorobenzene	< 290	ug/Kg		3/4/2013
1,3-Dichlorobenzene	< 290	ug/Kg		3/4/2013
1,4-Dichlorobenzene	< 290	ug/Kg		3/4/2013
2,4-Dinitrotoluene	< 290	ug/Kg		3/4/2013
2,6-Dichlorophenol	< 290	ug/Kg		3/4/2013
2,6-Dinitrotoluene	< 290	ug/Kg		3/4/2013
2-Chloronaphthalene	< 290	ug/Kg		3/4/2013
2-Methylnapthalene	< 290	ug/Kg		3/4/2013
2-Nitroaniline	< 580	ug/Kg		3/4/2013
3,3'-Dichlorobenzidine	< 290	ug/Kg		3/4/2013
3-Nitroaniline	< 580	ug/Kg		3/4/2013
4-Bromophenyl phenyl ether	< 290	ug/Kg		3/4/2013
4-Chloroaniline	< 290	ug/Kg		3/4/2013
4-Chlorophenyl phenyl ether	< 290	ug/Kg		3/4/2013
4-Nitroaniline	< 580	ug/Kg		3/4/2013
Acenaphthene	< 290	ug/Kg		3/4/2013
Acenaphthylene	< 290	ug/Kg		3/4/2013
Acetophenone	< 290	ug/Kg		3/4/2013
Anthracene	< 290	ug/Kg		3/4/2013
Atrazine	< 290	ug/Kg		3/4/2013
Benzaldehyde	< 290	ug/Kg		3/4/2013
Benzo (a) anthracene	< 290	ug/Kg		3/4/2013
Benzo (a) pyrene	< 290	ug/Kg		3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-14-18-022813

Lab Sample ID: 130756-07 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Benzo (b) fluoranthene	< 290	ug/Kg	3/4/2013
Benzo (g,h,i) perylene	< 290	ug/Kg	3/4/2013
Benzo (k) fluoranthene	< 290	ug/Kg	3/4/2013
Bis (2-chloroethoxy) methane	< 290	ug/Kg	3/4/2013
Bis (2-chloroethyl) ether	< 290	ug/Kg	3/4/2013
Bis (2-chloroisopropyl) ether	< 290	ug/Kg	3/4/2013
Bis (2-ethylhexyl) phthalate	< 290	ug/Kg	3/4/2013
Butylbenzylphthalate	< 290	ug/Kg	3/4/2013
Caprolactam	< 290	ug/Kg	3/4/2013
Carbazole	< 290	ug/Kg	3/4/2013
Chrysene	< 290	ug/Kg	3/4/2013
Dibenz (a,h) anthracene	< 290	ug/Kg	3/4/2013
Dibenzofuran	< 290	ug/Kg	3/4/2013
Diethyl phthalate	< 290	ug/Kg	3/4/2013
Dimethyl phthalate	< 580	ug/Kg	3/4/2013
Di-n-butyl phthalate	< 290	ug/Kg	3/4/2013
Di-n-octylphthalate	< 290	ug/Kg	3/4/2013
Fluoranthene	< 290	ug/Kg	3/4/2013
Fluorene	< 290	ug/Kg	3/4/2013
Hexachlorobenzene	< 290	ug/Kg	3/4/2013
Hexachlorobutadiene	< 290	ug/Kg	3/4/2013
Hexachlorocyclopentadiene	< 290	ug/Kg	3/4/2013
Hexachloroethane	< 290	ug/Kg	3/4/2013
Indeno (1,2,3-cd) pyrene	< 290	ug/Kg	3/4/2013
Isophorone	< 290	ug/Kg	3/4/2013
Naphthalene	< 290	ug/Kg	3/4/2013
Nitrobenzene	< 290	ug/Kg	3/4/2013
N-Nitroso-di-n-propylamine	< 290	ug/Kg	3/4/2013
N-Nitrosodiphenylamine	< 290	ug/Kg	3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-14-18-022813

Lab Sample ID: 130756-07 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Phenanthrene		< 290	ug/Kg	3/4/2013
Pyrene		< 290	ug/Kg	3/4/2013

Method Reference(s): EPA 8270C
EPA 3550C

Data File: S68173.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-26-022813

Lab Sample ID: 130756-08 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.7	ug/Kg		3/4/2013
1,1,2,2-Tetrachloroethane	< 3.7	ug/Kg		3/4/2013
1,1,2-Trichloroethane	< 3.7	ug/Kg		3/4/2013
1,1-Dichloroethane	< 3.7	ug/Kg		3/4/2013
1,1-Dichloroethene	< 3.7	ug/Kg		3/4/2013
1,2,3-Trichlorobenzene	< 9.2	ug/Kg		3/4/2013
1,2,4-Trichlorobenzene	< 9.2	ug/Kg		3/4/2013
1,2-Dibromo-3-Chloropropane	< 18	ug/Kg		3/4/2013
1,2-Dibromoethane	< 3.7	ug/Kg		3/4/2013
1,2-Dichlorobenzene	< 3.7	ug/Kg		3/4/2013
1,2-Dichloroethane	< 3.7	ug/Kg		3/4/2013
1,2-Dichloropropane	< 3.7	ug/Kg		3/4/2013
1,3-Dichlorobenzene	< 3.7	ug/Kg		3/4/2013
1,4-Dichlorobenzene	< 3.7	ug/Kg		3/4/2013
1,4-dioxane	< 37	ug/Kg		3/4/2013
2-Butanone	< 18	ug/Kg		3/4/2013
2-Hexanone	< 9.2	ug/Kg		3/4/2013
4-Methyl-2-pentanone	< 9.2	ug/Kg		3/4/2013
Acetone	< 18	ug/Kg		3/4/2013
Benzene	< 3.7	ug/Kg		3/4/2013
Bromochloromethane	< 9.2	ug/Kg		3/4/2013
Bromodichloromethane	< 3.7	ug/Kg		3/4/2013
Bromoform	< 9.2	ug/Kg		3/4/2013
Bromomethane	< 3.7	ug/Kg		3/4/2013
Carbon disulfide	< 3.7	ug/Kg		3/4/2013
Carbon Tetrachloride	< 3.7	ug/Kg		3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier: TP-126-26-022813

Lab Sample ID: 130756-08 **Date Sampled:** 2/28/2013

Matrix: Soil **Date Received:** 3/1/2013

Chlorobenzene	< 3.7	ug/Kg	3/4/2013
Chloroethane	< 3.7	ug/Kg	3/4/2013
Chloroform	< 3.7	ug/Kg	3/4/2013
Chloromethane	< 3.7	ug/Kg	3/4/2013
cis-1,2-Dichloroethene	< 3.7	ug/Kg	3/4/2013
cis-1,3-Dichloropropene	< 3.7	ug/Kg	3/4/2013
Cyclohexane	< 18	ug/Kg	3/4/2013
Dibromochloromethane	< 3.7	ug/Kg	3/4/2013
Dichlorodifluoromethane	< 3.7	ug/Kg	3/4/2013
Ethylbenzene	< 3.7	ug/Kg	3/4/2013
Freon 113	< 3.7	ug/Kg	3/4/2013
Isopropylbenzene	< 3.7	ug/Kg	3/4/2013
m,p-Xylene	< 3.7	ug/Kg	3/4/2013
Methyl acetate	< 3.7	ug/Kg	3/4/2013
Methyl tert-butyl Ether	< 3.7	ug/Kg	3/4/2013
Methylcyclohexane	< 3.7	ug/Kg	3/4/2013
Methylene chloride	< 9.2	ug/Kg	3/4/2013
o-Xylene	< 3.7	ug/Kg	3/4/2013
Styrene	< 9.2	ug/Kg	3/4/2013
Tetrachloroethene	< 3.7	ug/Kg	3/4/2013
Toluene	< 3.7	ug/Kg	3/4/2013
trans-1,2-Dichloroethene	< 3.7	ug/Kg	3/4/2013
trans-1,3-Dichloropropene	< 3.7	ug/Kg	3/4/2013
Trichloroethene	< 3.7	ug/Kg	3/4/2013
Trichlorofluoromethane	< 3.7	ug/Kg	3/4/2013
Vinyl chloride	< 3.7	ug/Kg	3/4/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130756

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.00 Tsk 17

Sample Identifier:	TP-126-26-022813		
Lab Sample ID:	130756-08	**Date Sampled:**	2/28/2013
Matrix:	Soil	**Date Received:**	3/1/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03715.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GZA GeoEnvironmental	CLIENT:		130756
ADDRESS:	535 Washington St	ADDRESS:		Quotation #: J111612 (rev. 111912)
CITY:	Buffalo, NY STATE: ZIP: 14203	CITY: → STATE: ZIP:		Email: christopher.boron@gza.com thomas.bohlen@gza.com
PHONE:	716 685-2300	PHONE:		
ATTN:	C. Boron / T. Bohlen	ATTN:		

PROJECT REFERENCE
21.0056642.00 Tsk 17
1001 Main St

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	8260 VOC TCL	8270 SVOC TCL	Metals TAL	8082 PCBs	8081 Pest.	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/28/13	1110		X	TP-125-14-022813	SO	1	X						01
2		1115		X	TP-125-16-022813			X						02
3		1120	X		TP-125-18-22-022813				X	X	X	X		03
4		1130		X	TP-125-26-022813			X						04
5		1410		X	TP-126-14-022813			X						05
6		1415		X	TP-126-16-022813			X						06
7		1420	X		TP-126-14-18-022813				X	X	X	X		07
8	↓	1430		X	TP-126-26-022813	↓	↓	X						08
9														
10														

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☒	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☒
Rush 2 day	☐	Category B	☒		
Rush 1 day	☐				
Other please indicate:	☐	Other please indicate:	☐	Other EDD please indicate:	☐

Thomas Bohlen 2/28/13
Sampled By — Date/Time

Thomas Bohlen 2/28/13 1700
Relinquished By — Date/Time

Received By — Date/Time

Elizabeth A Hoech 3/1/13 1422
Received @ Lab By — Date/Time

3°C iced from temp blk @ 1236 3/1.
Cooler Rec'd w/ custody seals intact. EAH 3/1

Total Cost:

P.I.F. ☐

2 of 2

Chain of Custody Supplement

Client: GZA **Completed by:** MMail

Lab Project ID: 130756 **Date:** 3/1/13

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X metals
Comments	3°C iced from temp Blk @ 1236 3/1		
Sufficient Sample Quantity	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-14-030113
Lab Sample ID: 130772-01 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.5	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.5	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.5	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.5	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.5	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 8.8	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 8.8	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 18	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.5	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.5	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.5	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.5	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.5	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.5	ug/Kg		3/6/2013
1,4-dioxane	< 35	ug/Kg		3/6/2013
2-Butanone	< 18	ug/Kg		3/6/2013
2-Hexanone	< 8.8	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 8.8	ug/Kg		3/6/2013
Acetone	**17**	ug/Kg	J	3/6/2013
Benzene	< 3.5	ug/Kg		3/6/2013
Bromochloromethane	< 8.8	ug/Kg		3/6/2013
Bromodichloromethane	< 3.5	ug/Kg		3/6/2013
Bromoform	< 8.8	ug/Kg		3/6/2013
Bromomethane	< 3.5	ug/Kg		3/6/2013
Carbon disulfide	< 3.5	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.5	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-14-030113

Lab Sample ID: 130772-01 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 3.5	ug/Kg		3/6/2013
Chloroethane	< 3.5	ug/Kg		3/6/2013
Chloroform	< 3.5	ug/Kg		3/6/2013
Chloromethane	< 3.5	ug/Kg		3/6/2013
cis-1,2-Dichloroethene	< 3.5	ug/Kg		3/6/2013
cis-1,3-Dichloropropene	< 3.5	ug/Kg		3/6/2013
Cyclohexane	< 18	ug/Kg		3/6/2013
Dibromochloromethane	< 3.5	ug/Kg		3/6/2013
Dichlorodifluoromethane	< 3.5	ug/Kg		3/6/2013
Ethylbenzene	< 3.5	ug/Kg		3/6/2013
Freon 113	< 3.5	ug/Kg		3/6/2013
Isopropylbenzene	< 3.5	ug/Kg		3/6/2013
m,p-Xylene	**1.8**	ug/Kg	J	3/6/2013
Methyl acetate	< 3.5	ug/Kg		3/6/2013
Methyl tert-butyl Ether	< 3.5	ug/Kg		3/6/2013
Methylcyclohexane	< 3.5	ug/Kg		3/6/2013
Methylene chloride	< 8.8	ug/Kg		3/6/2013
o-Xylene	< 3.5	ug/Kg		3/6/2013
Styrene	< 8.8	ug/Kg		3/6/2013
Tetrachloroethene	< 3.5	ug/Kg		3/6/2013
Toluene	< 3.5	ug/Kg		3/6/2013
trans-1,2-Dichloroethene	< 3.5	ug/Kg		3/6/2013
trans-1,3-Dichloropropene	< 3.5	ug/Kg		3/6/2013
Trichloroethene	< 3.5	ug/Kg		3/6/2013
Trichlorofluoromethane	< 3.5	ug/Kg		3/6/2013
Vinyl chloride	< 3.5	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-127-14-030113		
Lab Sample ID:	130772-01	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03773.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-18-22-030113

Lab Sample ID: 130772-02 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.0093**	mg/Kg	J	3/5/2013

Method Reference(s): EPA 7471B

Data File: hg130305b

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-18-22-030113

Lab Sample ID: 130772-02 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**3800**	mg/Kg		3/6/2013
Antimony	< 7.1	mg/Kg		3/6/2013
Arsenic	**0.74**	mg/Kg	J	3/6/2013
Barium	**12**	mg/Kg		3/6/2013
Beryllium	< 0.59	mg/Kg		3/6/2013
Cadmium	< 0.59	mg/Kg		3/6/2013
Calcium	**75000**	mg/Kg		3/7/2013
Chromium	**5.1**	mg/Kg		3/6/2013
Cobalt	< 5.9	mg/Kg		3/6/2013
Copper	**9.0**	mg/Kg		3/6/2013
Iron	**7400**	mg/Kg		3/6/2013
Lead (Axial)	**6.8**	mg/Kg		3/6/2013
Magnesium	**32000**	mg/Kg		3/6/2013
Manganese	**250**	mg/Kg		3/6/2013
Nickel	**4.7**	mg/Kg	J	3/6/2013
Potassium	**1200**	mg/Kg		3/6/2013
Selenium	< 1.2	mg/Kg		3/7/2013
Silver	**1.3**	mg/Kg		3/6/2013
Sodium	**350**	mg/Kg		3/7/2013
Thallium	< 3.0	mg/Kg		3/7/2013
Vanadium	**11**	mg/Kg		3/6/2013
Zinc	**70**	mg/Kg		3/6/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 030613b

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-18-22-030113

Lab Sample ID: 130772-02 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.033	mg/Kg		3/6/2013
PCB-1221	< 0.033	mg/Kg		3/6/2013
PCB-1232	< 0.033	mg/Kg		3/6/2013
PCB-1242	< 0.033	mg/Kg		3/6/2013
PCB-1248	< 0.033	mg/Kg		3/6/2013
PCB-1254	< 0.033	mg/Kg		3/6/2013
PCB-1260	< 0.033	mg/Kg		3/6/2013
PCB-1262	< 0.033	mg/Kg		3/6/2013
PCB-1268	< 0.033	mg/Kg		3/6/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-18-22-030113

Lab Sample ID: 130772-02 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.3	ug/Kg		3/7/2013
4,4-DDE	< 3.3	ug/Kg		3/7/2013
4,4-DDT	< 3.3	ug/Kg		3/7/2013
Aldrin	< 3.3	ug/Kg		3/7/2013
alpha-BHC	< 3.3	ug/Kg		3/7/2013
beta-BHC	< 3.3	ug/Kg		3/7/2013
cis-Chlordane	< 3.3	ug/Kg		3/7/2013
delta-BHC	< 3.3	ug/Kg		3/7/2013
Dieldrin	< 3.3	ug/Kg		3/7/2013
Endosulfan I	< 3.3	ug/Kg		3/7/2013
Endosulfan II	< 3.3	ug/Kg		3/7/2013
Endosulfan Sulfate	< 3.3	ug/Kg		3/7/2013
Endrin	< 3.3	ug/Kg		3/7/2013
Endrin Aldehyde	< 3.3	ug/Kg		3/7/2013
Endrin Ketone	< 3.3	ug/Kg		3/7/2013
gamma-BHC (Lindane)	< 3.3	ug/Kg		3/7/2013
Heptachlor	< 3.3	ug/Kg		3/7/2013
Heptachlor Epoxide	< 3.3	ug/Kg		3/7/2013
Methoxychlor	< 3.3	ug/Kg		3/7/2013
Toxaphene	< 33	ug/Kg		3/7/2013
trans-Chlordane	< 3.3	ug/Kg		3/7/2013

Method Reference(s): EPA 8081B
EPA 3550C

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-18-22-030113

Lab Sample ID: 130772-02 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 330	ug/Kg		3/6/2013
1,2,4,5-Tetrachlorobenzene	< 330	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 330	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 330	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 330	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 330	ug/Kg		3/6/2013
2,4-Dinitrotoluene	< 330	ug/Kg		3/6/2013
2,6-Dichlorophenol	< 330	ug/Kg		3/6/2013
2,6-Dinitrotoluene	< 330	ug/Kg		3/6/2013
2-Chloronaphthalene	< 330	ug/Kg		3/6/2013
2-Methylnapthalene	< 330	ug/Kg		3/6/2013
2-Nitroaniline	< 660	ug/Kg		3/6/2013
3,3'-Dichlorobenzidine	< 330	ug/Kg		3/6/2013
3-Nitroaniline	< 660	ug/Kg		3/6/2013
4-Bromophenyl phenyl ether	< 330	ug/Kg		3/6/2013
4-Chloroaniline	< 330	ug/Kg		3/6/2013
4-Chlorophenyl phenyl ether	< 330	ug/Kg		3/6/2013
4-Nitroaniline	< 660	ug/Kg		3/6/2013
Acenaphthene	< 330	ug/Kg		3/6/2013
Acenaphthylene	< 330	ug/Kg		3/6/2013
Acetophenone	< 330	ug/Kg		3/6/2013
Anthracene	< 330	ug/Kg		3/6/2013
Atrazine	< 330	ug/Kg		3/6/2013
Benzaldehyde	< 330	ug/Kg		3/6/2013
Benzo (a) anthracene	< 330	ug/Kg		3/6/2013
Benzo (a) pyrene	< 330	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-18-22-030113

Lab Sample ID: 130772-02 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Benzo (b) fluoranthene	< 330	ug/Kg	3/6/2013
Benzo (g,h,i) perylene	< 330	ug/Kg	3/6/2013
Benzo (k) fluoranthene	< 330	ug/Kg	3/6/2013
Bis (2-chloroethoxy) methane	< 330	ug/Kg	3/6/2013
Bis (2-chloroethyl) ether	< 330	ug/Kg	3/6/2013
Bis (2-chloroisopropyl) ether	< 330	ug/Kg	3/6/2013
Bis (2-ethylhexyl) phthalate	< 330	ug/Kg	3/6/2013
Butylbenzylphthalate	< 330	ug/Kg	3/6/2013
Caprolactam	< 330	ug/Kg	3/6/2013
Carbazole	< 330	ug/Kg	3/6/2013
Chrysene	< 330	ug/Kg	3/6/2013
Dibenz (a,h) anthracene	< 330	ug/Kg	3/6/2013
Dibenzofuran	< 330	ug/Kg	3/6/2013
Diethyl phthalate	< 330	ug/Kg	3/6/2013
Dimethyl phthalate	< 660	ug/Kg	3/6/2013
Di-n-butyl phthalate	< 330	ug/Kg	3/6/2013
Di-n-octylphthalate	< 330	ug/Kg	3/6/2013
Fluoranthene	< 330	ug/Kg	3/6/2013
Fluorene	< 330	ug/Kg	3/6/2013
Hexachlorobenzene	< 330	ug/Kg	3/6/2013
Hexachlorobutadiene	< 330	ug/Kg	3/6/2013
Hexachlorocyclopentadiene	< 330	ug/Kg	3/6/2013
Hexachloroethane	< 330	ug/Kg	3/6/2013
Indeno (1,2,3-cd) pyrene	< 330	ug/Kg	3/6/2013
Isophorone	< 330	ug/Kg	3/6/2013
Naphthalene	< 330	ug/Kg	3/6/2013
Nitrobenzene	< 330	ug/Kg	3/6/2013
N-Nitroso-di-n-propylamine	< 330	ug/Kg	3/6/2013
N-Nitrosodiphenylamine	< 330	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-18-22-030113

Lab Sample ID: 130772-02 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Phenanthrene		< 330	ug/Kg	3/6/2013
Pyrene		< 330	ug/Kg	3/6/2013
Method Reference(s):	EPA 8270C EPA 3550C			
Data File:	S68206.D			

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Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-23-030113
Lab Sample ID: 130772-03 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.6	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 4.6	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 4.6	ug/Kg		3/6/2013
1,1-Dichloroethane	< 4.6	ug/Kg		3/6/2013
1,1-Dichloroethene	< 4.6	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 11	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 11	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 23	ug/Kg		3/6/2013
1,2-Dibromoethane	< 4.6	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 4.6	ug/Kg		3/6/2013
1,2-Dichloroethane	< 4.6	ug/Kg		3/6/2013
1,2-Dichloropropane	< 4.6	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 4.6	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 4.6	ug/Kg		3/6/2013
1,4-dioxane	< 46	ug/Kg		3/6/2013
2-Butanone	< 23	ug/Kg		3/6/2013
2-Hexanone	< 11	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 11	ug/Kg		3/6/2013
Acetone	< 23	ug/Kg		3/6/2013
Benzene	< 4.6	ug/Kg		3/6/2013
Bromochloromethane	< 11	ug/Kg		3/6/2013
Bromodichloromethane	< 4.6	ug/Kg		3/6/2013
Bromoform	< 11	ug/Kg		3/6/2013
Bromomethane	< 4.6	ug/Kg		3/6/2013
Carbon disulfide	< 4.6	ug/Kg		3/6/2013
Carbon Tetrachloride	< 4.6	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-23-030113

Lab Sample ID: 130772-03 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 4.6	ug/Kg	3/6/2013
Chloroethane	< 4.6	ug/Kg	3/6/2013
Chloroform	< 4.6	ug/Kg	3/6/2013
Chloromethane	< 4.6	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 4.6	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 4.6	ug/Kg	3/6/2013
Cyclohexane	< 23	ug/Kg	3/6/2013
Dibromochloromethane	< 4.6	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 4.6	ug/Kg	3/6/2013
Ethylbenzene	< 4.6	ug/Kg	3/6/2013
Freon 113	< 4.6	ug/Kg	3/6/2013
Isopropylbenzene	< 4.6	ug/Kg	3/6/2013
m,p-Xylene	< 4.6	ug/Kg	3/6/2013
Methyl acetate	< 4.6	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 4.6	ug/Kg	3/6/2013
Methylcyclohexane	< 4.6	ug/Kg	3/6/2013
Methylene chloride	< 11	ug/Kg	3/6/2013
o-Xylene	< 4.6	ug/Kg	3/6/2013
Styrene	< 11	ug/Kg	3/6/2013
Tetrachloroethene	< 4.6	ug/Kg	3/6/2013
Toluene	< 4.6	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 4.6	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 4.6	ug/Kg	3/6/2013
Trichloroethene	< 4.6	ug/Kg	3/6/2013
Trichlorofluoromethane	< 4.6	ug/Kg	3/6/2013
Vinyl chloride	< 4.6	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-127-23-030113		
Lab Sample ID:	130772-03	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03774.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-26-030113

Lab Sample ID: 130772-04 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.7	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.7	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.7	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.7	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.7	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 9.4	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 9.4	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.7	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.7	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.7	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.7	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.7	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.7	ug/Kg		3/6/2013
1,4-dioxane	< 37	ug/Kg		3/6/2013
2-Butanone	< 19	ug/Kg		3/6/2013
2-Hexanone	< 9.4	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 9.4	ug/Kg		3/6/2013
Acetone	**13**	ug/Kg	J	3/6/2013
Benzene	< 3.7	ug/Kg		3/6/2013
Bromochloromethane	< 9.4	ug/Kg		3/6/2013
Bromodichloromethane	< 3.7	ug/Kg		3/6/2013
Bromoform	< 9.4	ug/Kg		3/6/2013
Bromomethane	< 3.7	ug/Kg		3/6/2013
Carbon disulfide	< 3.7	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.7	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-127-26-030113
Lab Sample ID: 130772-04 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 3.7	ug/Kg		3/6/2013
Chloroethane	< 3.7	ug/Kg		3/6/2013
Chloroform	< 3.7	ug/Kg		3/6/2013
Chloromethane	< 3.7	ug/Kg		3/6/2013
cis-1,2-Dichloroethene	< 3.7	ug/Kg		3/6/2013
cis-1,3-Dichloropropene	< 3.7	ug/Kg		3/6/2013
Cyclohexane	< 19	ug/Kg		3/6/2013
Dibromochloromethane	< 3.7	ug/Kg		3/6/2013
Dichlorodifluoromethane	< 3.7	ug/Kg		3/6/2013
Ethylbenzene	< 3.7	ug/Kg		3/6/2013
Freon 113	< 3.7	ug/Kg		3/6/2013
Isopropylbenzene	< 3.7	ug/Kg		3/6/2013
m,p-Xylene	**2.3**	ug/Kg	J	3/6/2013
Methyl acetate	< 3.7	ug/Kg		3/6/2013
Methyl tert-butyl Ether	< 3.7	ug/Kg		3/6/2013
Methylcyclohexane	< 3.7	ug/Kg		3/6/2013
Methylene chloride	< 9.4	ug/Kg		3/6/2013
o-Xylene	< 3.7	ug/Kg		3/6/2013
Styrene	< 9.4	ug/Kg		3/6/2013
Tetrachloroethene	< 3.7	ug/Kg		3/6/2013
Toluene	< 3.7	ug/Kg		3/6/2013
trans-1,2-Dichloroethene	< 3.7	ug/Kg		3/6/2013
trans-1,3-Dichloropropene	< 3.7	ug/Kg		3/6/2013
Trichloroethene	< 3.7	ug/Kg		3/6/2013
Trichlorofluoromethane	< 3.7	ug/Kg		3/6/2013
Vinyl chloride	< 3.7	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-127-26-030113		
Lab Sample ID:	130772-04	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03775.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-14-030113
Lab Sample ID: 130772-05 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.9	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.9	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.9	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.9	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.9	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 9.8	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 9.8	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 20	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.9	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.9	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.9	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.9	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.9	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.9	ug/Kg		3/6/2013
1,4-dioxane	< 39	ug/Kg		3/6/2013
2-Butanone	< 20	ug/Kg		3/6/2013
2-Hexanone	< 9.8	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 9.8	ug/Kg		3/6/2013
Acetone	**22**	ug/Kg		3/6/2013
Benzene	< 3.9	ug/Kg		3/6/2013
Bromochloromethane	< 9.8	ug/Kg		3/6/2013
Bromodichloromethane	< 3.9	ug/Kg		3/6/2013
Bromoform	< 9.8	ug/Kg		3/6/2013
Bromomethane	< 3.9	ug/Kg		3/6/2013
Carbon disulfide	< 3.9	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.9	ug/Kg		3/6/2013

PARADIGM
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Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-14-030113
Lab Sample ID: 130772-05 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 3.9	ug/Kg	3/6/2013
Chloroethane	< 3.9	ug/Kg	3/6/2013
Chloroform	< 3.9	ug/Kg	3/6/2013
Chloromethane	< 3.9	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 3.9	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 3.9	ug/Kg	3/6/2013
Cyclohexane	< 20	ug/Kg	3/6/2013
Dibromochloromethane	< 3.9	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 3.9	ug/Kg	3/6/2013
Ethylbenzene	< 3.9	ug/Kg	3/6/2013
Freon 113	< 3.9	ug/Kg	3/6/2013
Isopropylbenzene	< 3.9	ug/Kg	3/6/2013
m,p-Xylene	< 3.9	ug/Kg	3/6/2013
Methyl acetate	< 3.9	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 3.9	ug/Kg	3/6/2013
Methylcyclohexane	< 3.9	ug/Kg	3/6/2013
Methylene chloride	< 9.8	ug/Kg	3/6/2013
o-Xylene	< 3.9	ug/Kg	3/6/2013
Styrene	< 9.8	ug/Kg	3/6/2013
Tetrachloroethene	< 3.9	ug/Kg	3/6/2013
Toluene	< 3.9	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 3.9	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 3.9	ug/Kg	3/6/2013
Trichloroethene	< 3.9	ug/Kg	3/6/2013
Trichlorofluoromethane	< 3.9	ug/Kg	3/6/2013
Vinyl chloride	< 3.9	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-128-14-030113		
Lab Sample ID:	130772-05	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03776.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-18-22-030113

Lab Sample ID: 130772-06 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.015	mg/Kg		3/5/2013

Method Reference(s): EPA 7471B

Data File: hg130305b

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Report Prepared Friday, March 08, 2013

PARADIGM
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Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-18-22-030113
Lab Sample ID: 130772-06 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2900**	mg/Kg		3/6/2013
Antimony	< 6.8	mg/Kg		3/6/2013
Arsenic	< 1.1	mg/Kg		3/6/2013
Barium	**11**	mg/Kg	J	3/6/2013
Beryllium	< 0.57	mg/Kg		3/6/2013
Cadmium	**0.29**	mg/Kg	J	3/6/2013
Calcium	**56000**	mg/Kg		3/6/2013
Chromium	**4.5**	mg/Kg		3/6/2013
Cobalt	< 5.7	mg/Kg		3/6/2013
Copper	**6.5**	mg/Kg		3/6/2013
Iron	**6600**	mg/Kg		3/6/2013
Lead (Axial)	**6.5**	mg/Kg		3/6/2013
Magnesium	**23000**	mg/Kg		3/6/2013
Manganese	**220**	mg/Kg		3/6/2013
Nickel	**3.9**	mg/Kg	J	3/6/2013
Potassium	**900**	mg/Kg		3/6/2013
Selenium	< 1.1	mg/Kg		3/7/2013
Silver	**1.0**	mg/Kg	J	3/6/2013
Sodium	**160**	mg/Kg	J	3/7/2013
Thallium	< 2.8	mg/Kg		3/7/2013
Vanadium	**11**	mg/Kg		3/6/2013
Zinc	**64**	mg/Kg		3/6/2013

Method Reference(s): EPA 6010B
EPA 3050
Data File: 030613b

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-18-22-030113

Lab Sample ID: 130772-06 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.029	mg/Kg		3/6/2013
PCB-1221	< 0.029	mg/Kg		3/6/2013
PCB-1232	< 0.029	mg/Kg		3/6/2013
PCB-1242	< 0.029	mg/Kg		3/6/2013
PCB-1248	< 0.029	mg/Kg		3/6/2013
PCB-1254	< 0.029	mg/Kg		3/6/2013
PCB-1260	< 0.029	mg/Kg		3/6/2013
PCB-1262	< 0.029	mg/Kg		3/6/2013
PCB-1268	< 0.029	mg/Kg		3/6/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-18-22-030113
Lab Sample ID: 130772-06 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 2.9	ug/Kg		3/7/2013
4,4-DDE	< 2.9	ug/Kg		3/7/2013
4,4-DDT	< 2.9	ug/Kg		3/7/2013
Aldrin	< 2.9	ug/Kg		3/7/2013
alpha-BHC	< 2.9	ug/Kg		3/7/2013
beta-BHC	< 2.9	ug/Kg		3/7/2013
cis-Chlordane	< 2.9	ug/Kg		3/7/2013
delta-BHC	< 2.9	ug/Kg		3/7/2013
Dieldrin	< 2.9	ug/Kg		3/7/2013
Endosulfan I	< 2.9	ug/Kg		3/7/2013
Endosulfan II	< 2.9	ug/Kg		3/7/2013
Endosulfan Sulfate	< 2.9	ug/Kg		3/7/2013
Endrin	< 2.9	ug/Kg		3/7/2013
Endrin Aldehyde	< 2.9	ug/Kg		3/7/2013
Endrin Ketone	< 2.9	ug/Kg		3/7/2013
gamma-BHC (Lindane)	< 2.9	ug/Kg		3/7/2013
Heptachlor	< 2.9	ug/Kg		3/7/2013
Heptachlor Epoxide	< 2.9	ug/Kg		3/7/2013
Methoxychlor	< 2.9	ug/Kg		3/7/2013
Toxaphene	< 29	ug/Kg		3/7/2013
trans-Chlordane	< 2.9	ug/Kg		3/7/2013

Method Reference(s): EPA 8081B
EPA 3550C

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-18-22-030113

Lab Sample ID: 130772-06 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 300	ug/Kg		3/6/2013
1,2,4,5-Tetrachlorobenzene	< 300	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 300	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 300	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 300	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 300	ug/Kg		3/6/2013
2,4-Dinitrotoluene	< 300	ug/Kg		3/6/2013
2,6-Dichlorophenol	< 300	ug/Kg		3/6/2013
2,6-Dinitrotoluene	< 300	ug/Kg		3/6/2013
2-Chloronaphthalene	< 300	ug/Kg		3/6/2013
2-Methylnapthalene	< 300	ug/Kg		3/6/2013
2-Nitroaniline	< 590	ug/Kg		3/6/2013
3,3'-Dichlorobenzidine	< 300	ug/Kg		3/6/2013
3-Nitroaniline	< 590	ug/Kg		3/6/2013
4-Bromophenyl phenyl ether	< 300	ug/Kg		3/6/2013
4-Chloroaniline	< 300	ug/Kg		3/6/2013
4-Chlorophenyl phenyl ether	< 300	ug/Kg		3/6/2013
4-Nitroaniline	< 590	ug/Kg		3/6/2013
Acenaphthene	< 300	ug/Kg		3/6/2013
Acenaphthylene	< 300	ug/Kg		3/6/2013
Acetophenone	< 300	ug/Kg		3/6/2013
Anthracene	< 300	ug/Kg		3/6/2013
Atrazine	< 300	ug/Kg		3/6/2013
Benzaldehyde	< 300	ug/Kg		3/6/2013
Benzo (a) anthracene	< 300	ug/Kg		3/6/2013
Benzo (a) pyrene	< 300	ug/Kg		3/6/2013

PARADIGM
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Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-18-22-030113

Lab Sample ID: 130772-06 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Benzo (b) fluoranthene	< 300	ug/Kg	3/6/2013
Benzo (g,h,i) perylene	< 300	ug/Kg	3/6/2013
Benzo (k) fluoranthene	< 300	ug/Kg	3/6/2013
Bis (2-chloroethoxy) methane	< 300	ug/Kg	3/6/2013
Bis (2-chloroethyl) ether	< 300	ug/Kg	3/6/2013
Bis (2-chloroisopropyl) ether	< 300	ug/Kg	3/6/2013
Bis (2-ethylhexyl) phthalate	< 300	ug/Kg	3/6/2013
Butylbenzylphthalate	< 300	ug/Kg	3/6/2013
Caprolactam	< 300	ug/Kg	3/6/2013
Carbazole	< 300	ug/Kg	3/6/2013
Chrysene	< 300	ug/Kg	3/6/2013
Dibenz (a,h) anthracene	< 300	ug/Kg	3/6/2013
Dibenzofuran	< 300	ug/Kg	3/6/2013
Diethyl phthalate	< 300	ug/Kg	3/6/2013
Dimethyl phthalate	< 590	ug/Kg	3/6/2013
Di-n-butyl phthalate	< 300	ug/Kg	3/6/2013
Di-n-octylphthalate	< 300	ug/Kg	3/6/2013
Fluoranthene	< 300	ug/Kg	3/6/2013
Fluorene	< 300	ug/Kg	3/6/2013
Hexachlorobenzene	< 300	ug/Kg	3/6/2013
Hexachlorobutadiene	< 300	ug/Kg	3/6/2013
Hexachlorocyclopentadiene	< 300	ug/Kg	3/6/2013
Hexachloroethane	< 300	ug/Kg	3/6/2013
Indeno (1,2,3-cd) pyrene	< 300	ug/Kg	3/6/2013
Isophorone	< 300	ug/Kg	3/6/2013
Naphthalene	< 300	ug/Kg	3/6/2013
Nitrobenzene	< 300	ug/Kg	3/6/2013
N-Nitroso-di-n-propylamine	< 300	ug/Kg	3/6/2013
N-Nitrosodiphenylamine	< 300	ug/Kg	3/6/2013

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Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-18-22-030113

Lab Sample ID: 130772-06 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Phenanthrene		< 300	ug/Kg	3/6/2013
Pyrene		< 300	ug/Kg	3/6/2013
Method Reference(s):	EPA 8270C EPA 3550C			
Data File:	S68207.D			

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PARADIGM
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Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-20-030113
Lab Sample ID: 130772-07 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.1	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 4.1	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 4.1	ug/Kg		3/6/2013
1,1-Dichloroethane	< 4.1	ug/Kg		3/6/2013
1,1-Dichloroethene	< 4.1	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 20	ug/Kg		3/6/2013
1,2-Dibromoethane	< 4.1	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 4.1	ug/Kg		3/6/2013
1,2-Dichloroethane	< 4.1	ug/Kg		3/6/2013
1,2-Dichloropropane	< 4.1	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 4.1	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 4.1	ug/Kg		3/6/2013
1,4-dioxane	< 41	ug/Kg		3/6/2013
2-Butanone	**12**	ug/Kg	J	3/6/2013
2-Hexanone	< 10	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 10	ug/Kg		3/6/2013
Acetone	**50**	ug/Kg		3/6/2013
Benzene	< 4.1	ug/Kg		3/6/2013
Bromochloromethane	< 10	ug/Kg		3/6/2013
Bromodichloromethane	< 4.1	ug/Kg		3/6/2013
Bromoform	< 10	ug/Kg		3/6/2013
Bromomethane	< 4.1	ug/Kg		3/6/2013
Carbon disulfide	< 4.1	ug/Kg		3/6/2013
Carbon Tetrachloride	< 4.1	ug/Kg		3/6/2013

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Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-20-030113
Lab Sample ID: 130772-07 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 4.1	ug/Kg	3/6/2013
Chloroethane	< 4.1	ug/Kg	3/6/2013
Chloroform	< 4.1	ug/Kg	3/6/2013
Chloromethane	< 4.1	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 4.1	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 4.1	ug/Kg	3/6/2013
Cyclohexane	< 20	ug/Kg	3/6/2013
Dibromochloromethane	< 4.1	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 4.1	ug/Kg	3/6/2013
Ethylbenzene	< 4.1	ug/Kg	3/6/2013
Freon 113	< 4.1	ug/Kg	3/6/2013
Isopropylbenzene	< 4.1	ug/Kg	3/6/2013
m,p-Xylene	< 4.1	ug/Kg	3/6/2013
Methyl acetate	< 4.1	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 4.1	ug/Kg	3/6/2013
Methylcyclohexane	< 4.1	ug/Kg	3/6/2013
Methylene chloride	< 10	ug/Kg	3/6/2013
o-Xylene	< 4.1	ug/Kg	3/6/2013
Styrene	< 10	ug/Kg	3/6/2013
Tetrachloroethene	< 4.1	ug/Kg	3/6/2013
Toluene	< 4.1	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 4.1	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 4.1	ug/Kg	3/6/2013
Trichloroethene	< 4.1	ug/Kg	3/6/2013
Trichlorofluoromethane	< 4.1	ug/Kg	3/6/2013
Vinyl chloride	< 4.1	ug/Kg	3/6/2013

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Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-128-20-030113		
Lab Sample ID:	130772-07	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03777.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-22-030113
Lab Sample ID: 130772-08 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.7	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.7	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.7	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.7	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.7	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 9.3	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 9.3	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.7	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.7	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.7	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.7	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.7	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.7	ug/Kg		3/6/2013
1,4-dioxane	< 37	ug/Kg		3/6/2013
2-Butanone	< 19	ug/Kg		3/6/2013
2-Hexanone	< 9.3	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 9.3	ug/Kg		3/6/2013
Acetone	**24**	ug/Kg		3/6/2013
Benzene	< 3.7	ug/Kg		3/6/2013
Bromochloromethane	< 9.3	ug/Kg		3/6/2013
Bromodichloromethane	< 3.7	ug/Kg		3/6/2013
Bromoform	< 9.3	ug/Kg		3/6/2013
Bromomethane	< 3.7	ug/Kg		3/6/2013
Carbon disulfide	< 3.7	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.7	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-22-030113
Lab Sample ID: 130772-08 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 3.7	ug/Kg		3/6/2013
Chloroethane	< 3.7	ug/Kg		3/6/2013
Chloroform	< 3.7	ug/Kg		3/6/2013
Chloromethane	< 3.7	ug/Kg		3/6/2013
cis-1,2-Dichloroethene	< 3.7	ug/Kg		3/6/2013
cis-1,3-Dichloropropene	< 3.7	ug/Kg		3/6/2013
Cyclohexane	< 19	ug/Kg		3/6/2013
Dibromochloromethane	< 3.7	ug/Kg		3/6/2013
Dichlorodifluoromethane	< 3.7	ug/Kg		3/6/2013
Ethylbenzene	< 3.7	ug/Kg		3/6/2013
Freon 113	< 3.7	ug/Kg		3/6/2013
Isopropylbenzene	< 3.7	ug/Kg		3/6/2013
m,p-Xylene	**2.0**	ug/Kg	J	3/6/2013
Methyl acetate	< 3.7	ug/Kg		3/6/2013
Methyl tert-butyl Ether	< 3.7	ug/Kg		3/6/2013
Methylcyclohexane	< 3.7	ug/Kg		3/6/2013
Methylene chloride	< 9.3	ug/Kg		3/6/2013
o-Xylene	< 3.7	ug/Kg		3/6/2013
Styrene	< 9.3	ug/Kg		3/6/2013
Tetrachloroethene	< 3.7	ug/Kg		3/6/2013
Toluene	< 3.7	ug/Kg		3/6/2013
trans-1,2-Dichloroethene	< 3.7	ug/Kg		3/6/2013
trans-1,3-Dichloropropene	< 3.7	ug/Kg		3/6/2013
Trichloroethene	< 3.7	ug/Kg		3/6/2013
Trichlorofluoromethane	< 3.7	ug/Kg		3/6/2013
Vinyl chloride	< 3.7	ug/Kg		3/6/2013

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Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-128-22-030113		
Lab Sample ID:	130772-08	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03778.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-26-030113

Lab Sample ID: 130772-09 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.7	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.7	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.7	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.7	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.7	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 9.2	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 9.2	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 18	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.7	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.7	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.7	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.7	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.7	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.7	ug/Kg		3/6/2013
1,4-dioxane	< 37	ug/Kg		3/6/2013
2-Butanone	< 18	ug/Kg		3/6/2013
2-Hexanone	< 9.2	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 9.2	ug/Kg		3/6/2013
Acetone	**34**	ug/Kg		3/6/2013
Benzene	< 3.7	ug/Kg		3/6/2013
Bromochloromethane	< 9.2	ug/Kg		3/6/2013
Bromodichloromethane	< 3.7	ug/Kg		3/6/2013
Bromoform	< 9.2	ug/Kg		3/6/2013
Bromomethane	< 3.7	ug/Kg		3/6/2013
Carbon disulfide	< 3.7	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.7	ug/Kg		3/6/2013

PARADIGM
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Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-128-26-030113
Lab Sample ID: 130772-09 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 3.7	ug/Kg		3/6/2013
Chloroethane	< 3.7	ug/Kg		3/6/2013
Chloroform	< 3.7	ug/Kg		3/6/2013
Chloromethane	< 3.7	ug/Kg		3/6/2013
cis-1,2-Dichloroethene	< 3.7	ug/Kg		3/6/2013
cis-1,3-Dichloropropene	< 3.7	ug/Kg		3/6/2013
Cyclohexane	< 18	ug/Kg		3/6/2013
Dibromochloromethane	< 3.7	ug/Kg		3/6/2013
Dichlorodifluoromethane	< 3.7	ug/Kg		3/6/2013
Ethylbenzene	< 3.7	ug/Kg		3/6/2013
Freon 113	< 3.7	ug/Kg		3/6/2013
Isopropylbenzene	< 3.7	ug/Kg		3/6/2013
m,p-Xylene	**2.3**	ug/Kg	J	3/6/2013
Methyl acetate	< 3.7	ug/Kg		3/6/2013
Methyl tert-butyl Ether	< 3.7	ug/Kg		3/6/2013
Methylcyclohexane	< 3.7	ug/Kg		3/6/2013
Methylene chloride	< 9.2	ug/Kg		3/6/2013
o-Xylene	< 3.7	ug/Kg		3/6/2013
Styrene	< 9.2	ug/Kg		3/6/2013
Tetrachloroethene	< 3.7	ug/Kg		3/6/2013
Toluene	< 3.7	ug/Kg		3/6/2013
trans-1,2-Dichloroethene	< 3.7	ug/Kg		3/6/2013
trans-1,3-Dichloropropene	< 3.7	ug/Kg		3/6/2013
Trichloroethene	< 3.7	ug/Kg		3/6/2013
Trichlorofluoromethane	< 3.7	ug/Kg		3/6/2013
Vinyl chloride	< 3.7	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-128-26-030113		
Lab Sample ID:	130772-09	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Surrogate outliers indicate probable matrix interference

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03779.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-14-030113
Lab Sample ID: 130772-10 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.1	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 4.1	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 4.1	ug/Kg		3/6/2013
1,1-Dichloroethane	< 4.1	ug/Kg		3/6/2013
1,1-Dichloroethene	< 4.1	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 20	ug/Kg		3/6/2013
1,2-Dibromoethane	< 4.1	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 4.1	ug/Kg		3/6/2013
1,2-Dichloroethane	< 4.1	ug/Kg		3/6/2013
1,2-Dichloropropane	< 4.1	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 4.1	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 4.1	ug/Kg		3/6/2013
1,4-dioxane	< 41	ug/Kg		3/6/2013
2-Butanone	< 20	ug/Kg		3/6/2013
2-Hexanone	< 10	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 10	ug/Kg		3/6/2013
Acetone	**16**	ug/Kg	J	3/6/2013
Benzene	< 4.1	ug/Kg		3/6/2013
Bromochloromethane	< 10	ug/Kg		3/6/2013
Bromodichloromethane	< 4.1	ug/Kg		3/6/2013
Bromoform	< 10	ug/Kg		3/6/2013
Bromomethane	< 4.1	ug/Kg		3/6/2013
Carbon disulfide	< 4.1	ug/Kg		3/6/2013
Carbon Tetrachloride	< 4.1	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-14-030113
Lab Sample ID: 130772-10 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 4.1	ug/Kg	3/6/2013
Chloroethane	< 4.1	ug/Kg	3/6/2013
Chloroform	< 4.1	ug/Kg	3/6/2013
Chloromethane	< 4.1	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 4.1	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 4.1	ug/Kg	3/6/2013
Cyclohexane	< 20	ug/Kg	3/6/2013
Dibromochloromethane	< 4.1	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 4.1	ug/Kg	3/6/2013
Ethylbenzene	< 4.1	ug/Kg	3/6/2013
Freon 113	< 4.1	ug/Kg	3/6/2013
Isopropylbenzene	< 4.1	ug/Kg	3/6/2013
m,p-Xylene	< 4.1	ug/Kg	3/6/2013
Methyl acetate	< 4.1	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 4.1	ug/Kg	3/6/2013
Methylcyclohexane	< 4.1	ug/Kg	3/6/2013
Methylene chloride	< 10	ug/Kg	3/6/2013
o-Xylene	< 4.1	ug/Kg	3/6/2013
Styrene	< 10	ug/Kg	3/6/2013
Tetrachloroethene	< 4.1	ug/Kg	3/6/2013
Toluene	< 4.1	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 4.1	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 4.1	ug/Kg	3/6/2013
Trichloroethene	< 4.1	ug/Kg	3/6/2013
Trichlorofluoromethane	< 4.1	ug/Kg	3/6/2013
Vinyl chloride	< 4.1	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-129-14-030113		
Lab Sample ID:	130772-10	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03780.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-19-030113
Lab Sample ID: 130772-11 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.1	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 4.1	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 4.1	ug/Kg		3/6/2013
1,1-Dichloroethane	< 4.1	ug/Kg		3/6/2013
1,1-Dichloroethene	< 4.1	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 10	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 10	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 21	ug/Kg		3/6/2013
1,2-Dibromoethane	< 4.1	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 4.1	ug/Kg		3/6/2013
1,2-Dichloroethane	< 4.1	ug/Kg		3/6/2013
1,2-Dichloropropane	< 4.1	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 4.1	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 4.1	ug/Kg		3/6/2013
1,4-dioxane	< 41	ug/Kg		3/6/2013
2-Butanone	< 21	ug/Kg		3/6/2013
2-Hexanone	< 10	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 10	ug/Kg		3/6/2013
Acetone	< 21	ug/Kg		3/6/2013
Benzene	< 4.1	ug/Kg		3/6/2013
Bromochloromethane	< 10	ug/Kg		3/6/2013
Bromodichloromethane	< 4.1	ug/Kg		3/6/2013
Bromoform	< 10	ug/Kg		3/6/2013
Bromomethane	< 4.1	ug/Kg		3/6/2013
Carbon disulfide	< 4.1	ug/Kg		3/6/2013
Carbon Tetrachloride	< 4.1	ug/Kg		3/6/2013

PARADIGM
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Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-19-030113
Lab Sample ID: 130772-11 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 4.1	ug/Kg	3/6/2013
Chloroethane	< 4.1	ug/Kg	3/6/2013
Chloroform	< 4.1	ug/Kg	3/6/2013
Chloromethane	< 4.1	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 4.1	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 4.1	ug/Kg	3/6/2013
Cyclohexane	< 21	ug/Kg	3/6/2013
Dibromochloromethane	< 4.1	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 4.1	ug/Kg	3/6/2013
Ethylbenzene	< 4.1	ug/Kg	3/6/2013
Freon 113	< 4.1	ug/Kg	3/6/2013
Isopropylbenzene	< 4.1	ug/Kg	3/6/2013
m,p-Xylene	< 4.1	ug/Kg	3/6/2013
Methyl acetate	< 4.1	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 4.1	ug/Kg	3/6/2013
Methylcyclohexane	< 4.1	ug/Kg	3/6/2013
Methylene chloride	< 10	ug/Kg	3/6/2013
o-Xylene	< 4.1	ug/Kg	3/6/2013
Styrene	< 10	ug/Kg	3/6/2013
Tetrachloroethene	< 4.1	ug/Kg	3/6/2013
Toluene	< 4.1	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 4.1	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 4.1	ug/Kg	3/6/2013
Trichloroethene	< 4.1	ug/Kg	3/6/2013
Trichlorofluoromethane	< 4.1	ug/Kg	3/6/2013
Vinyl chloride	< 4.1	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-129-19-030113		
Lab Sample ID:	130772-11	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03781.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-22-26-030113

Lab Sample ID: 130772-12 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.015	mg/Kg		3/5/2013

Method Reference(s): EPA 7471B

Data File: hg130305b

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-22-26-030113

Lab Sample ID: 130772-12 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2700**	mg/Kg		3/6/2013
Antimony	< 6.8	mg/Kg		3/6/2013
Arsenic	< 1.1	mg/Kg		3/6/2013
Barium	**20**	mg/Kg		3/6/2013
Beryllium	< 0.57	mg/Kg		3/6/2013
Cadmium	< 0.57	mg/Kg		3/6/2013
Calcium	**58000**	mg/Kg		3/7/2013
Chromium	**4.2**	mg/Kg		3/6/2013
Cobalt	< 5.7	mg/Kg		3/6/2013
Copper	**6.3**	mg/Kg		3/6/2013
Iron	**6300**	mg/Kg		3/6/2013
Lead (Axial)	**7.7**	mg/Kg		3/6/2013
Magnesium	**23000**	mg/Kg		3/6/2013
Manganese	**210**	mg/Kg		3/6/2013
Nickel	**3.6**	mg/Kg	J	3/6/2013
Potassium	**890**	mg/Kg		3/6/2013
Selenium	< 1.1	mg/Kg		3/7/2013
Silver	**1.1**	mg/Kg	J	3/6/2013
Sodium	**250**	mg/Kg	J	3/7/2013
Thallium	< 2.8	mg/Kg		3/7/2013
Vanadium	**10**	mg/Kg		3/6/2013
Zinc	**65**	mg/Kg		3/6/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 030613b

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-22-26-030113

Lab Sample ID: 130772-12 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.030	mg/Kg		3/6/2013
PCB-1221	< 0.030	mg/Kg		3/6/2013
PCB-1232	< 0.030	mg/Kg		3/6/2013
PCB-1242	< 0.030	mg/Kg		3/6/2013
PCB-1248	< 0.030	mg/Kg		3/6/2013
PCB-1254	< 0.030	mg/Kg		3/6/2013
PCB-1260	< 0.030	mg/Kg		3/6/2013
PCB-1262	< 0.030	mg/Kg		3/6/2013
PCB-1268	< 0.030	mg/Kg		3/6/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-22-26-030113

Lab Sample ID: 130772-12 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.0	ug/Kg		3/7/2013
4,4-DDE	< 3.0	ug/Kg		3/7/2013
4,4-DDT	< 3.0	ug/Kg		3/7/2013
Aldrin	< 3.0	ug/Kg		3/7/2013
alpha-BHC	< 3.0	ug/Kg		3/7/2013
beta-BHC	< 3.0	ug/Kg		3/7/2013
cis-Chlordane	< 3.0	ug/Kg		3/7/2013
delta-BHC	< 3.0	ug/Kg		3/7/2013
Dieldrin	< 3.0	ug/Kg		3/7/2013
Endosulfan I	< 3.0	ug/Kg		3/7/2013
Endosulfan II	< 3.0	ug/Kg		3/7/2013
Endosulfan Sulfate	< 3.0	ug/Kg		3/7/2013
Endrin	< 3.0	ug/Kg		3/7/2013
Endrin Aldehyde	< 3.0	ug/Kg		3/7/2013
Endrin Ketone	< 3.0	ug/Kg		3/7/2013
gamma-BHC (Lindane)	< 3.0	ug/Kg		3/7/2013
Heptachlor	< 3.0	ug/Kg		3/7/2013
Heptachlor Epoxide	< 3.0	ug/Kg		3/7/2013
Methoxychlor	< 3.0	ug/Kg		3/7/2013
Toxaphene	< 30	ug/Kg		3/7/2013
trans-Chlordane	< 3.0	ug/Kg		3/7/2013

Method Reference(s): EPA 8081B
EPA 3550C

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-22-26-030113

Lab Sample ID: 130772-12 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 300	ug/Kg		3/6/2013
1,2,4,5-Tetrachlorobenzene	< 300	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 300	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 300	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 300	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 300	ug/Kg		3/6/2013
2,4-Dinitrotoluene	< 300	ug/Kg		3/6/2013
2,6-Dichlorophenol	< 300	ug/Kg		3/6/2013
2,6-Dinitrotoluene	< 300	ug/Kg		3/6/2013
2-Chloronaphthalene	< 300	ug/Kg		3/6/2013
2-Methylnapthalene	< 300	ug/Kg		3/6/2013
2-Nitroaniline	< 600	ug/Kg		3/6/2013
3,3'-Dichlorobenzidine	< 300	ug/Kg		3/6/2013
3-Nitroaniline	< 600	ug/Kg		3/6/2013
4-Bromophenyl phenyl ether	< 300	ug/Kg		3/6/2013
4-Chloroaniline	< 300	ug/Kg		3/6/2013
4-Chlorophenyl phenyl ether	< 300	ug/Kg		3/6/2013
4-Nitroaniline	< 600	ug/Kg		3/6/2013
Acenaphthene	< 300	ug/Kg		3/6/2013
Acenaphthylene	< 300	ug/Kg		3/6/2013
Acetophenone	< 300	ug/Kg		3/6/2013
Anthracene	< 300	ug/Kg		3/6/2013
Atrazine	< 300	ug/Kg		3/6/2013
Benzaldehyde	< 300	ug/Kg		3/6/2013
Benzo (a) anthracene	< 300	ug/Kg		3/6/2013
Benzo (a) pyrene	< 300	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-22-26-030113

Lab Sample ID: 130772-12 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Benzo (b) fluoranthene	< 300	ug/Kg	3/6/2013
Benzo (g,h,i) perylene	< 300	ug/Kg	3/6/2013
Benzo (k) fluoranthene	< 300	ug/Kg	3/6/2013
Bis (2-chloroethoxy) methane	< 300	ug/Kg	3/6/2013
Bis (2-chloroethyl) ether	< 300	ug/Kg	3/6/2013
Bis (2-chloroisopropyl) ether	< 300	ug/Kg	3/6/2013
Bis (2-ethylhexyl) phthalate	< 300	ug/Kg	3/6/2013
Butylbenzylphthalate	< 300	ug/Kg	3/6/2013
Caprolactam	< 300	ug/Kg	3/6/2013
Carbazole	< 300	ug/Kg	3/6/2013
Chrysene	< 300	ug/Kg	3/6/2013
Dibenz (a,h) anthracene	< 300	ug/Kg	3/6/2013
Dibenzofuran	< 300	ug/Kg	3/6/2013
Diethyl phthalate	< 300	ug/Kg	3/6/2013
Dimethyl phthalate	< 600	ug/Kg	3/6/2013
Di-n-butyl phthalate	< 300	ug/Kg	3/6/2013
Di-n-octylphthalate	< 300	ug/Kg	3/6/2013
Fluoranthene	< 300	ug/Kg	3/6/2013
Fluorene	< 300	ug/Kg	3/6/2013
Hexachlorobenzene	< 300	ug/Kg	3/6/2013
Hexachlorobutadiene	< 300	ug/Kg	3/6/2013
Hexachlorocyclopentadiene	< 300	ug/Kg	3/6/2013
Hexachloroethane	< 300	ug/Kg	3/6/2013
Indeno (1,2,3-cd) pyrene	< 300	ug/Kg	3/6/2013
Isophorone	< 300	ug/Kg	3/6/2013
Naphthalene	< 300	ug/Kg	3/6/2013
Nitrobenzene	< 300	ug/Kg	3/6/2013
N-Nitroso-di-n-propylamine	< 300	ug/Kg	3/6/2013
N-Nitrosodiphenylamine	< 300	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-22-26-030113

Lab Sample ID: 130772-12 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Phenanthrene	< 300	ug/Kg	3/6/2013
Pyrene	< 300	ug/Kg	3/6/2013

Surrogate outliers indicate probable matrix interference

Method Reference(s): EPA 8270C
EPA 3550C

Data File: S68208.D

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-26-030113

Lab Sample ID: 130772-13 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.9	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.9	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.9	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.9	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.9	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 9.7	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 9.7	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.9	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.9	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.9	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.9	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.9	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.9	ug/Kg		3/6/2013
1,4-dioxane	< 39	ug/Kg		3/6/2013
2-Butanone	< 19	ug/Kg		3/6/2013
2-Hexanone	< 9.7	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 9.7	ug/Kg		3/6/2013
Acetone	**18**	ug/Kg	J	3/6/2013
Benzene	< 3.9	ug/Kg		3/6/2013
Bromochloromethane	< 9.7	ug/Kg		3/6/2013
Bromodichloromethane	< 3.9	ug/Kg		3/6/2013
Bromoform	< 9.7	ug/Kg		3/6/2013
Bromomethane	< 3.9	ug/Kg		3/6/2013
Carbon disulfide	< 3.9	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.9	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-129-26-030113
Lab Sample ID: 130772-13 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 3.9	ug/Kg	3/6/2013
Chloroethane	< 3.9	ug/Kg	3/6/2013
Chloroform	< 3.9	ug/Kg	3/6/2013
Chloromethane	< 3.9	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 3.9	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 3.9	ug/Kg	3/6/2013
Cyclohexane	< 19	ug/Kg	3/6/2013
Dibromochloromethane	< 3.9	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 3.9	ug/Kg	3/6/2013
Ethylbenzene	< 3.9	ug/Kg	3/6/2013
Freon 113	< 3.9	ug/Kg	3/6/2013
Isopropylbenzene	< 3.9	ug/Kg	3/6/2013
m,p-Xylene	< 3.9	ug/Kg	3/6/2013
Methyl acetate	< 3.9	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 3.9	ug/Kg	3/6/2013
Methylcyclohexane	< 3.9	ug/Kg	3/6/2013
Methylene chloride	< 9.7	ug/Kg	3/6/2013
o-Xylene	< 3.9	ug/Kg	3/6/2013
Styrene	< 9.7	ug/Kg	3/6/2013
Tetrachloroethene	< 3.9	ug/Kg	3/6/2013
Toluene	< 3.9	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 3.9	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 3.9	ug/Kg	3/6/2013
Trichloroethene	< 3.9	ug/Kg	3/6/2013
Trichlorofluoromethane	< 3.9	ug/Kg	3/6/2013
Vinyl chloride	< 3.9	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-129-26-030113		
Lab Sample ID:	130772-13	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03782.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-14-030113

Lab Sample ID: 130772-14 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.4	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.4	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.4	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.4	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.4	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 8.6	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 8.6	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 17	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.4	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.4	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.4	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.4	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.4	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.4	ug/Kg		3/6/2013
1,4-dioxane	< 34	ug/Kg		3/6/2013
2-Butanone	< 17	ug/Kg		3/6/2013
2-Hexanone	< 8.6	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 8.6	ug/Kg		3/6/2013
Acetone	**13**	ug/Kg	J	3/6/2013
Benzene	< 3.4	ug/Kg		3/6/2013
Bromochloromethane	< 8.6	ug/Kg		3/6/2013
Bromodichloromethane	< 3.4	ug/Kg		3/6/2013
Bromoform	< 8.6	ug/Kg		3/6/2013
Bromomethane	< 3.4	ug/Kg		3/6/2013
Carbon disulfide	< 3.4	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.4	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-14-030113

Lab Sample ID: 130772-14 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 3.4	ug/Kg	3/6/2013
Chloroethane	< 3.4	ug/Kg	3/6/2013
Chloroform	< 3.4	ug/Kg	3/6/2013
Chloromethane	< 3.4	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 3.4	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 3.4	ug/Kg	3/6/2013
Cyclohexane	< 17	ug/Kg	3/6/2013
Dibromochloromethane	< 3.4	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 3.4	ug/Kg	3/6/2013
Ethylbenzene	< 3.4	ug/Kg	3/6/2013
Freon 113	< 3.4	ug/Kg	3/6/2013
Isopropylbenzene	< 3.4	ug/Kg	3/6/2013
m,p-Xylene	< 3.4	ug/Kg	3/6/2013
Methyl acetate	< 3.4	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 3.4	ug/Kg	3/6/2013
Methylcyclohexane	< 3.4	ug/Kg	3/6/2013
Methylene chloride	< 8.6	ug/Kg	3/6/2013
o-Xylene	< 3.4	ug/Kg	3/6/2013
Styrene	< 8.6	ug/Kg	3/6/2013
Tetrachloroethene	< 3.4	ug/Kg	3/6/2013
Toluene	< 3.4	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 3.4	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 3.4	ug/Kg	3/6/2013
Trichloroethene	< 3.4	ug/Kg	3/6/2013
Trichlorofluoromethane	< 3.4	ug/Kg	3/6/2013
Vinyl chloride	< 3.4	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-130-14-030113		
Lab Sample ID:	130772-14	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03783.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-17-030113

Lab Sample ID: 130772-15 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.4	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.4	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.4	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.4	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.4	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 8.6	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 8.6	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 17	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.4	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.4	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.4	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.4	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.4	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.4	ug/Kg		3/6/2013
1,4-dioxane	< 34	ug/Kg		3/6/2013
2-Butanone	< 17	ug/Kg		3/6/2013
2-Hexanone	< 8.6	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 8.6	ug/Kg		3/6/2013
Acetone	< 17	ug/Kg		3/6/2013
Benzene	< 3.4	ug/Kg		3/6/2013
Bromochloromethane	< 8.6	ug/Kg		3/6/2013
Bromodichloromethane	< 3.4	ug/Kg		3/6/2013
Bromoform	< 8.6	ug/Kg		3/6/2013
Bromomethane	< 3.4	ug/Kg		3/6/2013
Carbon disulfide	< 3.4	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.4	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-17-030113

Lab Sample ID: 130772-15 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 3.4	ug/Kg	3/6/2013
Chloroethane	< 3.4	ug/Kg	3/6/2013
Chloroform	< 3.4	ug/Kg	3/6/2013
Chloromethane	< 3.4	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 3.4	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 3.4	ug/Kg	3/6/2013
Cyclohexane	< 17	ug/Kg	3/6/2013
Dibromochloromethane	< 3.4	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 3.4	ug/Kg	3/6/2013
Ethylbenzene	< 3.4	ug/Kg	3/6/2013
Freon 113	< 3.4	ug/Kg	3/6/2013
Isopropylbenzene	< 3.4	ug/Kg	3/6/2013
m,p-Xylene	< 3.4	ug/Kg	3/6/2013
Methyl acetate	< 3.4	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 3.4	ug/Kg	3/6/2013
Methylcyclohexane	< 3.4	ug/Kg	3/6/2013
Methylene chloride	< 8.6	ug/Kg	3/6/2013
o-Xylene	< 3.4	ug/Kg	3/6/2013
Styrene	< 8.6	ug/Kg	3/6/2013
Tetrachloroethene	< 3.4	ug/Kg	3/6/2013
Toluene	< 3.4	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 3.4	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 3.4	ug/Kg	3/6/2013
Trichloroethene	< 3.4	ug/Kg	3/6/2013
Trichlorofluoromethane	< 3.4	ug/Kg	3/6/2013
Vinyl chloride	< 3.4	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-130-17-030113		
Lab Sample ID:	130772-15	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Surrogate outliers indicate probable matrix interference

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03784.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-18-22-030113

Lab Sample ID: 130772-16 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.014**	mg/Kg	J	3/5/2013

Method Reference(s): EPA 7471B

Data File: hg130305b

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-18-22-030113
Lab Sample ID: 130772-16 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2700**	mg/Kg		3/6/2013
Antimony	< 6.9	mg/Kg		3/6/2013
Arsenic	**0.69**	mg/Kg	J	3/6/2013
Barium	**14**	mg/Kg		3/6/2013
Beryllium	< 0.57	mg/Kg		3/6/2013
Cadmium	< 0.57	mg/Kg		3/6/2013
Calcium	**63000**	mg/Kg		3/7/2013
Chromium	**5.1**	mg/Kg		3/6/2013
Cobalt	< 5.7	mg/Kg		3/6/2013
Copper	**6.9**	mg/Kg		3/6/2013
Iron	**6500**	mg/Kg		3/6/2013
Lead (Axial)	**6.5**	mg/Kg		3/6/2013
Magnesium	**25000**	mg/Kg		3/6/2013
Manganese	**220**	mg/Kg		3/6/2013
Nickel	**4.1**	mg/Kg	J	3/6/2013
Potassium	**790**	mg/Kg		3/6/2013
Selenium	< 1.1	mg/Kg		3/7/2013
Silver	**1.2**	mg/Kg		3/6/2013
Sodium	**340**	mg/Kg		3/7/2013
Thallium	< 2.9	mg/Kg		3/7/2013
Vanadium	**10**	mg/Kg		3/6/2013
Zinc	**71**	mg/Kg		3/6/2013

Method Reference(s): EPA 6010B
EPA 3050
Data File: 030613b

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-18-22-030113

Lab Sample ID: 130772-16 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.030	mg/Kg		3/6/2013
PCB-1221	< 0.030	mg/Kg		3/6/2013
PCB-1232	< 0.030	mg/Kg		3/6/2013
PCB-1242	< 0.030	mg/Kg		3/6/2013
PCB-1248	< 0.030	mg/Kg		3/6/2013
PCB-1254	< 0.030	mg/Kg		3/6/2013
PCB-1260	< 0.030	mg/Kg		3/6/2013
PCB-1262	< 0.030	mg/Kg		3/6/2013
PCB-1268	< 0.030	mg/Kg		3/6/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-18-22-030113
Lab Sample ID: 130772-16 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.0	ug/Kg		3/7/2013
4,4-DDE	< 3.0	ug/Kg		3/7/2013
4,4-DDT	< 3.0	ug/Kg		3/7/2013
Aldrin	< 3.0	ug/Kg		3/7/2013
alpha-BHC	< 3.0	ug/Kg		3/7/2013
beta-BHC	< 3.0	ug/Kg		3/7/2013
cis-Chlordane	< 3.0	ug/Kg		3/7/2013
delta-BHC	< 3.0	ug/Kg		3/7/2013
Dieldrin	< 3.0	ug/Kg		3/7/2013
Endosulfan I	< 3.0	ug/Kg		3/7/2013
Endosulfan II	< 3.0	ug/Kg		3/7/2013
Endosulfan Sulfate	< 3.0	ug/Kg		3/7/2013
Endrin	< 3.0	ug/Kg		3/7/2013
Endrin Aldehyde	< 3.0	ug/Kg		3/7/2013
Endrin Ketone	< 3.0	ug/Kg		3/7/2013
gamma-BHC (Lindane)	< 3.0	ug/Kg		3/7/2013
Heptachlor	< 3.0	ug/Kg		3/7/2013
Heptachlor Epoxide	< 3.0	ug/Kg		3/7/2013
Methoxychlor	< 3.0	ug/Kg		3/7/2013
Toxaphene	< 30	ug/Kg		3/7/2013
trans-Chlordane	< 3.0	ug/Kg		3/7/2013

Method Reference(s): EPA 8081B
EPA 3550C

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-18-22-030113
Lab Sample ID: 130772-16 **Date Sampled:** 3/1/2013
Matrix: Soil **Date Received:** 3/4/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 300	ug/Kg		3/6/2013
1,2,4,5-Tetrachlorobenzene	< 300	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 300	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 300	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 300	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 300	ug/Kg		3/6/2013
2,4-Dinitrotoluene	< 300	ug/Kg		3/6/2013
2,6-Dichlorophenol	< 300	ug/Kg		3/6/2013
2,6-Dinitrotoluene	< 300	ug/Kg		3/6/2013
2-Chloronaphthalene	< 300	ug/Kg		3/6/2013
2-Methylnapthalene	< 300	ug/Kg		3/6/2013
2-Nitroaniline	< 610	ug/Kg		3/6/2013
3,3'-Dichlorobenzidine	< 300	ug/Kg		3/6/2013
3-Nitroaniline	< 610	ug/Kg		3/6/2013
4-Bromophenyl phenyl ether	< 300	ug/Kg		3/6/2013
4-Chloroaniline	< 300	ug/Kg		3/6/2013
4-Chlorophenyl phenyl ether	< 300	ug/Kg		3/6/2013
4-Nitroaniline	< 610	ug/Kg		3/6/2013
Acenaphthene	< 300	ug/Kg		3/6/2013
Acenaphthylene	< 300	ug/Kg		3/6/2013
Acetophenone	< 300	ug/Kg		3/6/2013
Anthracene	< 300	ug/Kg		3/6/2013
Atrazine	< 300	ug/Kg		3/6/2013
Benzaldehyde	< 300	ug/Kg		3/6/2013
Benzo (a) anthracene	< 300	ug/Kg		3/6/2013
Benzo (a) pyrene	< 300	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-18-22-030113

Lab Sample ID: 130772-16 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Benzo (b) fluoranthene	< 300	ug/Kg	3/6/2013
Benzo (g,h,i) perylene	< 300	ug/Kg	3/6/2013
Benzo (k) fluoranthene	< 300	ug/Kg	3/6/2013
Bis (2-chloroethoxy) methane	< 300	ug/Kg	3/6/2013
Bis (2-chloroethyl) ether	< 300	ug/Kg	3/6/2013
Bis (2-chloroisopropyl) ether	< 300	ug/Kg	3/6/2013
Bis (2-ethylhexyl) phthalate	< 300	ug/Kg	3/6/2013
Butylbenzylphthalate	< 300	ug/Kg	3/6/2013
Caprolactam	< 300	ug/Kg	3/6/2013
Carbazole	< 300	ug/Kg	3/6/2013
Chrysene	< 300	ug/Kg	3/6/2013
Dibenz (a,h) anthracene	< 300	ug/Kg	3/6/2013
Dibenzofuran	< 300	ug/Kg	3/6/2013
Diethyl phthalate	< 300	ug/Kg	3/6/2013
Dimethyl phthalate	< 610	ug/Kg	3/6/2013
Di-n-butyl phthalate	< 300	ug/Kg	3/6/2013
Di-n-octylphthalate	< 300	ug/Kg	3/6/2013
Fluoranthene	< 300	ug/Kg	3/6/2013
Fluorene	< 300	ug/Kg	3/6/2013
Hexachlorobenzene	< 300	ug/Kg	3/6/2013
Hexachlorobutadiene	< 300	ug/Kg	3/6/2013
Hexachlorocyclopentadiene	< 300	ug/Kg	3/6/2013
Hexachloroethane	< 300	ug/Kg	3/6/2013
Indeno (1,2,3-cd) pyrene	< 300	ug/Kg	3/6/2013
Isophorone	< 300	ug/Kg	3/6/2013
Naphthalene	< 300	ug/Kg	3/6/2013
Nitrobenzene	< 300	ug/Kg	3/6/2013
N-Nitroso-di-n-propylamine	< 300	ug/Kg	3/6/2013
N-Nitrosodiphenylamine	< 300	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-18-22-030113

Lab Sample ID: 130772-16 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Phenanthrene		< 300	ug/Kg	3/6/2013
Pyrene		< 300	ug/Kg	3/6/2013
Method Reference(s):	EPA 8270C EPA 3550C			
Data File:	S68209.D			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-26-030113

Lab Sample ID: 130772-17 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.5	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.5	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.5	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.5	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.5	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 8.8	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 8.8	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 18	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.5	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.5	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.5	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.5	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.5	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.5	ug/Kg		3/6/2013
1,4-dioxane	< 35	ug/Kg		3/6/2013
2-Butanone	< 18	ug/Kg		3/6/2013
2-Hexanone	< 8.8	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 8.8	ug/Kg		3/6/2013
Acetone	**9.3**	ug/Kg	J	3/6/2013
Benzene	< 3.5	ug/Kg		3/6/2013
Bromochloromethane	< 8.8	ug/Kg		3/6/2013
Bromodichloromethane	< 3.5	ug/Kg		3/6/2013
Bromoform	< 8.8	ug/Kg		3/6/2013
Bromomethane	< 3.5	ug/Kg		3/6/2013
Carbon disulfide	< 3.5	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.5	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier: TP-130-26-030113

Lab Sample ID: 130772-17 **Date Sampled:** 3/1/2013

Matrix: Soil **Date Received:** 3/4/2013

Chlorobenzene	< 3.5	ug/Kg	3/6/2013
Chloroethane	< 3.5	ug/Kg	3/6/2013
Chloroform	< 3.5	ug/Kg	3/6/2013
Chloromethane	< 3.5	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 3.5	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 3.5	ug/Kg	3/6/2013
Cyclohexane	< 18	ug/Kg	3/6/2013
Dibromochloromethane	< 3.5	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 3.5	ug/Kg	3/6/2013
Ethylbenzene	< 3.5	ug/Kg	3/6/2013
Freon 113	< 3.5	ug/Kg	3/6/2013
Isopropylbenzene	< 3.5	ug/Kg	3/6/2013
m,p-Xylene	< 3.5	ug/Kg	3/6/2013
Methyl acetate	< 3.5	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 3.5	ug/Kg	3/6/2013
Methylcyclohexane	< 3.5	ug/Kg	3/6/2013
Methylene chloride	< 8.8	ug/Kg	3/6/2013
o-Xylene	< 3.5	ug/Kg	3/6/2013
Styrene	< 8.8	ug/Kg	3/6/2013
Tetrachloroethene	< 3.5	ug/Kg	3/6/2013
Toluene	< 3.5	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 3.5	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 3.5	ug/Kg	3/6/2013
Trichloroethene	< 3.5	ug/Kg	3/6/2013
Trichlorofluoromethane	< 3.5	ug/Kg	3/6/2013
Vinyl chloride	< 3.5	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130772

Client: **GZA Geo Environmental of New York**

Project Reference: 100 Main St., 21.0056642.00 Task 17

Sample Identifier:	TP-130-26-030113		
Lab Sample ID:	130772-17	**Date Sampled:**	3/1/2013
Matrix:	Soil	**Date Received:**	3/4/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03785.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of X 3

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		
CLIENT:	GZA GeoEnvironmental	CLIENT:		LAB PROJECT ID: 130772
ADDRESS:	535 Washington St	ADDRESS:		
CITY:	Buffalo, NY STATE: ZIP: 14203	CITY: STATE: ZIP:		Quotation #: JH111612 (rev. 111912)
PHONE:	716 685-2300	PHONE:		Email: christopher.boron@gza.com thomas.bohlen@gza.com
ATTN:	C. Boron / T. Bohlen	ATTN:		

PROJECT REFERENCE: 21.0056642.00 Task 17

1001 Main

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	8260 TCL	8270 BN	Metals TAL	6092 PCBs	8081 Pest.	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	3/1/13	800		X	TP-127-14-030113	SO	1	X						01
2		810	X		TP-127-18-22-030113				X	X	X	X		02
3		815		X	TP-127-23-030113			X						03
4		820		X	TP-127-26-030113			X						04
5		1030		X	TP-128-14-030113			X						05
6		1040	X		TP-128-18-22-030113				X	X	X	X		06
7		1035		X	TP-128-20-030113			X						07
8		1040		X	TP-128-22-030113			X						08
9		1045		X	TP-125-26-030113			X						09
10		1305		X	TP-129-14-030113			X						10

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B	X		
Rush 1 day					
Other please indicate:		Other please indicate:		Other EDD please indicate:	

3/8 per 3/5/13

Sampled By: Thomas Bohlen	Date/Time: 3/1/13	
Relinquished By:	Date/Time: 3/1/13	1635
Received By:	Date/Time: 3/1/13	1635
Received @ Lab By: Elabeth A Honcu	Date/Time: 3/4/13	1415

Total Cost:

Rec'd at 5°C iced from temp blk. @ 1236 3/4/13. Cooler Rec'd w/ custody seals intact. EAH 3/4

P.I.F.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
CLIENT: GZA GeoEnvironmental	CLIENT:	LAB PROJECT ID: 130772
ADDRESS: 535 Washington St.	ADDRESS:	
CITY: Buffalo STATE: NY ZIP: 14203	CITY: STATE: ZIP:	Quotation #:
PHONE: C. Boron / T. Bohlen	PHONE:	Email: christopher.boron@gza.com thomas.bohlen@gza.com
ATTN: 716 685-2300	ATTN:	

PROJECT REFERENCE

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	8260 TCL	8270 BN	Metals TAL	8082 PCBs	8081 Pest	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	3/1/13	1315		X	TP-129-19-030113	SO	1	X						11
2		1320	X		TP-129-22-26-030113				X	X	X	X		12
3		1320		X	TP-129-26-030113			X						13
4		1405		X	TP-130-14-030113			X						14
5		1410		X	TP-130-17-030113			X						15
6		1415	X		TP-130-18-22-030113				X	X	X	X		16
7		1420		X	TP-130-26-030113			X						17
8														
9														
10														

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B	X		
Rush 1 day					
Other please indicate:		Other please indicate:		Other EDD please indicate:	

Sampled By: Thomas Bohlen — Date/Time: 3/1/13

Relinquished By: — Date/Time: 3/1/13 1635

Received By: — Date/Time: 3/1/13 1635

Received @ Lab By: Elizabeth A Hancu — Date/Time: 3/4/13 1415

Total Cost:

P.I.F.

Chain of Custody Supplement

Client: GZA **Completed by:** EAH

Lab Project ID: 130772 **Date:** 3/4

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	X	X 5035	
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X -Metals
Comments	5°C iced		
Sufficient Sample Quantity	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-14-030413

Lab Sample ID: 130798-01 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.8	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.8	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.8	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.8	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.8	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 9.5	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 9.5	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.8	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.8	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.8	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.8	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.8	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.8	ug/Kg		3/6/2013
1,4-dioxane	< 38	ug/Kg		3/6/2013
2-Butanone	< 19	ug/Kg		3/6/2013
2-Hexanone	< 9.5	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 9.5	ug/Kg		3/6/2013
Acetone	< 19	ug/Kg		3/6/2013
Benzene	< 3.8	ug/Kg		3/6/2013
Bromochloromethane	< 9.5	ug/Kg		3/6/2013
Bromodichloromethane	< 3.8	ug/Kg		3/6/2013
Bromoform	< 9.5	ug/Kg		3/6/2013
Bromomethane	< 3.8	ug/Kg		3/6/2013
Carbon disulfide	< 3.8	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.8	ug/Kg		3/6/2013

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-14-030413

Lab Sample ID: 130798-01 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Chlorobenzene	< 3.8	ug/Kg	3/6/2013
Chloroethane	< 3.8	ug/Kg	3/6/2013
Chloroform	< 3.8	ug/Kg	3/6/2013
Chloromethane	< 3.8	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 3.8	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 3.8	ug/Kg	3/6/2013
Cyclohexane	< 19	ug/Kg	3/6/2013
Dibromochloromethane	< 3.8	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 3.8	ug/Kg	3/6/2013
Ethylbenzene	< 3.8	ug/Kg	3/6/2013
Freon 113	< 3.8	ug/Kg	3/6/2013
Isopropylbenzene	< 3.8	ug/Kg	3/6/2013
m,p-Xylene	< 3.8	ug/Kg	3/6/2013
Methyl acetate	< 3.8	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 3.8	ug/Kg	3/6/2013
Methylcyclohexane	< 3.8	ug/Kg	3/6/2013
Methylene chloride	< 9.5	ug/Kg	3/6/2013
o-Xylene	< 3.8	ug/Kg	3/6/2013
Styrene	< 9.5	ug/Kg	3/6/2013
Tetrachloroethene	< 3.8	ug/Kg	3/6/2013
Toluene	< 3.8	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 3.8	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 3.8	ug/Kg	3/6/2013
Trichloroethene	< 3.8	ug/Kg	3/6/2013
Trichlorofluoromethane	< 3.8	ug/Kg	3/6/2013
Vinyl chloride	< 3.8	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier:	TP-131-14-030413		
Lab Sample ID:	130798-01	**Date Sampled:**	3/4/2013
Matrix:	Soil	**Date Received:**	3/5/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03786.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-19-030413

Lab Sample ID: 130798-02 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.7	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.7	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.7	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.7	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.7	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 9.3	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 9.3	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.7	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.7	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.7	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.7	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.7	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.7	ug/Kg		3/6/2013
1,4-dioxane	< 37	ug/Kg		3/6/2013
2-Butanone	< 19	ug/Kg		3/6/2013
2-Hexanone	< 9.3	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 9.3	ug/Kg		3/6/2013
Acetone	< 19	ug/Kg		3/6/2013
Benzene	< 3.7	ug/Kg		3/6/2013
Bromochloromethane	< 9.3	ug/Kg		3/6/2013
Bromodichloromethane	< 3.7	ug/Kg		3/6/2013
Bromoform	< 9.3	ug/Kg		3/6/2013
Bromomethane	< 3.7	ug/Kg		3/6/2013
Carbon disulfide	< 3.7	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.7	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-19-030413

Lab Sample ID: 130798-02 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Chlorobenzene	< 3.7	ug/Kg	3/6/2013
Chloroethane	< 3.7	ug/Kg	3/6/2013
Chloroform	< 3.7	ug/Kg	3/6/2013
Chloromethane	< 3.7	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 3.7	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 3.7	ug/Kg	3/6/2013
Cyclohexane	< 19	ug/Kg	3/6/2013
Dibromochloromethane	< 3.7	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 3.7	ug/Kg	3/6/2013
Ethylbenzene	< 3.7	ug/Kg	3/6/2013
Freon 113	< 3.7	ug/Kg	3/6/2013
Isopropylbenzene	< 3.7	ug/Kg	3/6/2013
m,p-Xylene	< 3.7	ug/Kg	3/6/2013
Methyl acetate	< 3.7	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 3.7	ug/Kg	3/6/2013
Methylcyclohexane	< 3.7	ug/Kg	3/6/2013
Methylene chloride	< 9.3	ug/Kg	3/6/2013
o-Xylene	< 3.7	ug/Kg	3/6/2013
Styrene	< 9.3	ug/Kg	3/6/2013
Tetrachloroethene	< 3.7	ug/Kg	3/6/2013
Toluene	< 3.7	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 3.7	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 3.7	ug/Kg	3/6/2013
Trichloroethene	< 3.7	ug/Kg	3/6/2013
Trichlorofluoromethane	< 3.7	ug/Kg	3/6/2013
Vinyl chloride	< 3.7	ug/Kg	3/6/2013

PARADIGM
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Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier:	TP-131-19-030413		
Lab Sample ID:	130798-02	**Date Sampled:**	3/4/2013
Matrix:	Soil	**Date Received:**	3/5/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03787.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
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Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-23-030413

Lab Sample ID: 130798-03 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.8	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.8	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.8	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.8	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.8	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 9.5	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 9.5	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 19	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.8	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.8	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.8	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.8	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.8	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.8	ug/Kg		3/6/2013
1,4-dioxane	< 38	ug/Kg		3/6/2013
2-Butanone	< 19	ug/Kg		3/6/2013
2-Hexanone	< 9.5	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 9.5	ug/Kg		3/6/2013
Acetone	< 19	ug/Kg		3/6/2013
Benzene	< 3.8	ug/Kg		3/6/2013
Bromochloromethane	< 9.5	ug/Kg		3/6/2013
Bromodichloromethane	< 3.8	ug/Kg		3/6/2013
Bromoform	< 9.5	ug/Kg		3/6/2013
Bromomethane	< 3.8	ug/Kg		3/6/2013
Carbon disulfide	< 3.8	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.8	ug/Kg		3/6/2013

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-23-030413

Lab Sample ID: 130798-03 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Chlorobenzene	< 3.8	ug/Kg	3/6/2013
Chloroethane	< 3.8	ug/Kg	3/6/2013
Chloroform	< 3.8	ug/Kg	3/6/2013
Chloromethane	< 3.8	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 3.8	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 3.8	ug/Kg	3/6/2013
Cyclohexane	< 19	ug/Kg	3/6/2013
Dibromochloromethane	< 3.8	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 3.8	ug/Kg	3/6/2013
Ethylbenzene	< 3.8	ug/Kg	3/6/2013
Freon 113	< 3.8	ug/Kg	3/6/2013
Isopropylbenzene	< 3.8	ug/Kg	3/6/2013
m,p-Xylene	< 3.8	ug/Kg	3/6/2013
Methyl acetate	< 3.8	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 3.8	ug/Kg	3/6/2013
Methylcyclohexane	< 3.8	ug/Kg	3/6/2013
Methylene chloride	< 9.5	ug/Kg	3/6/2013
o-Xylene	< 3.8	ug/Kg	3/6/2013
Styrene	< 9.5	ug/Kg	3/6/2013
Tetrachloroethene	< 3.8	ug/Kg	3/6/2013
Toluene	< 3.8	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 3.8	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 3.8	ug/Kg	3/6/2013
Trichloroethene	< 3.8	ug/Kg	3/6/2013
Trichlorofluoromethane	< 3.8	ug/Kg	3/6/2013
Vinyl chloride	< 3.8	ug/Kg	3/6/2013

PARADIGM
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Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier:	TP-131-23-030413		
Lab Sample ID:	130798-03	**Date Sampled:**	3/4/2013
Matrix:	Soil	**Date Received:**	3/5/2013

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03788.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

PARADIGM
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Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-22-26-030413

Lab Sample ID: 130798-04 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.016	mg/Kg		3/7/2013

Method Reference(s): EPA 7471B

Data File: hg130307a

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Report Prepared Friday, March 08, 2013

PARADIGM
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Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-22-26-030413

Lab Sample ID: 130798-04 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2900**	mg/Kg		3/6/2013
Antimony	< 5.9	mg/Kg		3/6/2013
Arsenic	**0.51**	mg/Kg	J	3/6/2013
Barium	**12**	mg/Kg		3/6/2013
Beryllium	< 0.49	mg/Kg		3/6/2013
Cadmium	**0.29**	mg/Kg	J	3/6/2013
Calcium	**58000**	mg/Kg		3/7/2013
Chromium	**4.7**	mg/Kg		3/6/2013
Cobalt	< 4.9	mg/Kg		3/6/2013
Copper	**8.2**	mg/Kg		3/6/2013
Iron	**6600**	mg/Kg		3/6/2013
Lead (Axial)	**6.0**	mg/Kg		3/6/2013
Magnesium	**23000**	mg/Kg		3/6/2013
Manganese	**220**	mg/Kg		3/6/2013
Nickel	**3.8**	mg/Kg	J	3/6/2013
Potassium	**890**	mg/Kg		3/6/2013
Selenium	< 0.98	mg/Kg		3/7/2013
Silver	**1.1**	mg/Kg		3/6/2013
Sodium	**390**	mg/Kg		3/7/2013
Thallium	< 2.5	mg/Kg		3/7/2013
Vanadium	**10**	mg/Kg		3/6/2013
Zinc	**71**	mg/Kg		3/6/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 030613b

Report Prepared Friday, March 08, 2013

PARADIGM
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Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-22-26-030413

Lab Sample ID: 130798-04 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.031	mg/Kg		3/6/2013
PCB-1221	< 0.031	mg/Kg		3/6/2013
PCB-1232	< 0.031	mg/Kg		3/6/2013
PCB-1242	< 0.031	mg/Kg		3/6/2013
PCB-1248	< 0.031	mg/Kg		3/6/2013
PCB-1254	< 0.031	mg/Kg		3/6/2013
PCB-1260	< 0.031	mg/Kg		3/6/2013
PCB-1262	< 0.031	mg/Kg		3/6/2013
PCB-1268	< 0.031	mg/Kg		3/6/2013

Method Reference(s): EPA 8082A
EPA 3550C

Report Prepared Friday, March 08, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-22-26-030413

Lab Sample ID: 130798-04 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.1	ug/Kg		3/7/2013
4,4-DDE	< 3.1	ug/Kg		3/7/2013
4,4-DDT	< 3.1	ug/Kg		3/7/2013
Aldrin	< 3.1	ug/Kg		3/7/2013
alpha-BHC	< 3.1	ug/Kg		3/7/2013
beta-BHC	< 3.1	ug/Kg		3/7/2013
cis-Chlordane	< 3.1	ug/Kg		3/7/2013
delta-BHC	< 3.1	ug/Kg		3/7/2013
Dieldrin	< 3.1	ug/Kg		3/7/2013
Endosulfan I	< 3.1	ug/Kg		3/7/2013
Endosulfan II	< 3.1	ug/Kg		3/7/2013
Endosulfan Sulfate	< 3.1	ug/Kg		3/7/2013
Endrin	< 3.1	ug/Kg		3/7/2013
Endrin Aldehyde	< 3.1	ug/Kg		3/7/2013
Endrin Ketone	< 3.1	ug/Kg		3/7/2013
gamma-BHC (Lindane)	< 3.1	ug/Kg		3/7/2013
Heptachlor	< 3.1	ug/Kg		3/7/2013
Heptachlor Epoxide	< 3.1	ug/Kg		3/7/2013
Methoxychlor	< 3.1	ug/Kg		3/7/2013
Toxaphene	< 31	ug/Kg		3/7/2013
trans-Chlordane	< 3.1	ug/Kg		3/7/2013

Method Reference(s): EPA 8081B
EPA 3550C

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-22-26-030413

Lab Sample ID: 130798-04 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 310	ug/Kg		3/6/2013
1,2,4,5-Tetrachlorobenzene	< 310	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 310	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 310	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 310	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 310	ug/Kg		3/6/2013
2,4-Dinitrotoluene	< 310	ug/Kg		3/6/2013
2,6-Dichlorophenol	< 310	ug/Kg		3/6/2013
2,6-Dinitrotoluene	< 310	ug/Kg		3/6/2013
2-Chloronaphthalene	< 310	ug/Kg		3/6/2013
2-Methylnapthalene	< 310	ug/Kg		3/6/2013
2-Nitroaniline	< 610	ug/Kg		3/6/2013
3,3'-Dichlorobenzidine	< 310	ug/Kg		3/6/2013
3-Nitroaniline	< 610	ug/Kg		3/6/2013
4-Bromophenyl phenyl ether	< 310	ug/Kg		3/6/2013
4-Chloroaniline	< 310	ug/Kg		3/6/2013
4-Chlorophenyl phenyl ether	< 310	ug/Kg		3/6/2013
4-Nitroaniline	< 610	ug/Kg		3/6/2013
Acenaphthene	< 310	ug/Kg		3/6/2013
Acenaphthylene	< 310	ug/Kg		3/6/2013
Acetophenone	< 310	ug/Kg		3/6/2013
Anthracene	< 310	ug/Kg		3/6/2013
Atrazine	< 310	ug/Kg		3/6/2013
Benzaldehyde	< 310	ug/Kg		3/6/2013
Benzo (a) anthracene	< 310	ug/Kg		3/6/2013
Benzo (a) pyrene	< 310	ug/Kg		3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-22-26-030413

Lab Sample ID: 130798-04 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Benzo (b) fluoranthene	< 310	ug/Kg	3/6/2013
Benzo (g,h,i) perylene	< 310	ug/Kg	3/6/2013
Benzo (k) fluoranthene	< 310	ug/Kg	3/6/2013
Bis (2-chloroethoxy) methane	< 310	ug/Kg	3/6/2013
Bis (2-chloroethyl) ether	< 310	ug/Kg	3/6/2013
Bis (2-chloroisopropyl) ether	< 310	ug/Kg	3/6/2013
Bis (2-ethylhexyl) phthalate	< 310	ug/Kg	3/6/2013
Butylbenzylphthalate	< 310	ug/Kg	3/6/2013
Caprolactam	< 310	ug/Kg	3/6/2013
Carbazole	< 310	ug/Kg	3/6/2013
Chrysene	< 310	ug/Kg	3/6/2013
Dibenz (a,h) anthracene	< 310	ug/Kg	3/6/2013
Dibenzofuran	< 310	ug/Kg	3/6/2013
Diethyl phthalate	< 310	ug/Kg	3/6/2013
Dimethyl phthalate	< 610	ug/Kg	3/6/2013
Di-n-butyl phthalate	< 310	ug/Kg	3/6/2013
Di-n-octylphthalate	< 310	ug/Kg	3/6/2013
Fluoranthene	< 310	ug/Kg	3/6/2013
Fluorene	< 310	ug/Kg	3/6/2013
Hexachlorobenzene	< 310	ug/Kg	3/6/2013
Hexachlorobutadiene	< 310	ug/Kg	3/6/2013
Hexachlorocyclopentadiene	< 310	ug/Kg	3/6/2013
Hexachloroethane	< 310	ug/Kg	3/6/2013
Indeno (1,2,3-cd) pyrene	< 310	ug/Kg	3/6/2013
Isophorone	< 310	ug/Kg	3/6/2013
Naphthalene	< 310	ug/Kg	3/6/2013
Nitrobenzene	< 310	ug/Kg	3/6/2013
N-Nitroso-di-n-propylamine	< 310	ug/Kg	3/6/2013
N-Nitrosodiphenylamine	< 310	ug/Kg	3/6/2013

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Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-22-26-030413

Lab Sample ID: 130798-04 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Phenanthrene		< 310	ug/Kg	3/6/2013
Pyrene		< 310	ug/Kg	3/6/2013
Method Reference(s):	EPA 8270C EPA 3550C			
Data File:	S68212.D			

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Report Prepared Friday, March 08, 2013

PARADIGM
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Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-26-030413

Lab Sample ID: 130798-05 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.9	ug/Kg		3/6/2013
1,1,2,2-Tetrachloroethane	< 3.9	ug/Kg		3/6/2013
1,1,2-Trichloroethane	< 3.9	ug/Kg		3/6/2013
1,1-Dichloroethane	< 3.9	ug/Kg		3/6/2013
1,1-Dichloroethene	< 3.9	ug/Kg		3/6/2013
1,2,3-Trichlorobenzene	< 9.8	ug/Kg		3/6/2013
1,2,4-Trichlorobenzene	< 9.8	ug/Kg		3/6/2013
1,2-Dibromo-3-Chloropropane	< 20	ug/Kg		3/6/2013
1,2-Dibromoethane	< 3.9	ug/Kg		3/6/2013
1,2-Dichlorobenzene	< 3.9	ug/Kg		3/6/2013
1,2-Dichloroethane	< 3.9	ug/Kg		3/6/2013
1,2-Dichloropropane	< 3.9	ug/Kg		3/6/2013
1,3-Dichlorobenzene	< 3.9	ug/Kg		3/6/2013
1,4-Dichlorobenzene	< 3.9	ug/Kg		3/6/2013
1,4-dioxane	< 39	ug/Kg		3/6/2013
2-Butanone	< 20	ug/Kg		3/6/2013
2-Hexanone	< 9.8	ug/Kg		3/6/2013
4-Methyl-2-pentanone	< 9.8	ug/Kg		3/6/2013
Acetone	< 20	ug/Kg		3/6/2013
Benzene	< 3.9	ug/Kg		3/6/2013
Bromochloromethane	< 9.8	ug/Kg		3/6/2013
Bromodichloromethane	< 3.9	ug/Kg		3/6/2013
Bromoform	< 9.8	ug/Kg		3/6/2013
Bromomethane	< 3.9	ug/Kg		3/6/2013
Carbon disulfide	< 3.9	ug/Kg		3/6/2013
Carbon Tetrachloride	< 3.9	ug/Kg		3/6/2013

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Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier: TP-131-26-030413

Lab Sample ID: 130798-05 **Date Sampled:** 3/4/2013

Matrix: Soil **Date Received:** 3/5/2013

Chlorobenzene	< 3.9	ug/Kg	3/6/2013
Chloroethane	< 3.9	ug/Kg	3/6/2013
Chloroform	< 3.9	ug/Kg	3/6/2013
Chloromethane	< 3.9	ug/Kg	3/6/2013
cis-1,2-Dichloroethene	< 3.9	ug/Kg	3/6/2013
cis-1,3-Dichloropropene	< 3.9	ug/Kg	3/6/2013
Cyclohexane	< 20	ug/Kg	3/6/2013
Dibromochloromethane	< 3.9	ug/Kg	3/6/2013
Dichlorodifluoromethane	< 3.9	ug/Kg	3/6/2013
Ethylbenzene	< 3.9	ug/Kg	3/6/2013
Freon 113	< 3.9	ug/Kg	3/6/2013
Isopropylbenzene	< 3.9	ug/Kg	3/6/2013
m,p-Xylene	< 3.9	ug/Kg	3/6/2013
Methyl acetate	< 3.9	ug/Kg	3/6/2013
Methyl tert-butyl Ether	< 3.9	ug/Kg	3/6/2013
Methylcyclohexane	< 3.9	ug/Kg	3/6/2013
Methylene chloride	< 9.8	ug/Kg	3/6/2013
o-Xylene	< 3.9	ug/Kg	3/6/2013
Styrene	< 9.8	ug/Kg	3/6/2013
Tetrachloroethene	< 3.9	ug/Kg	3/6/2013
Toluene	< 3.9	ug/Kg	3/6/2013
trans-1,2-Dichloroethene	< 3.9	ug/Kg	3/6/2013
trans-1,3-Dichloropropene	< 3.9	ug/Kg	3/6/2013
Trichloroethene	< 3.9	ug/Kg	3/6/2013
Trichlorofluoromethane	< 3.9	ug/Kg	3/6/2013
Vinyl chloride	< 3.9	ug/Kg	3/6/2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130798

Client: **GZA Geo Environmental of New York**

Project Reference: 1001 Main St., 21.0056642.10 Tsk 17

Sample Identifier:	TP-131-26-030413		
Lab Sample ID:	130798-05	**Date Sampled:**	3/4/2013
Matrix:	Soil	**Date Received:**	3/5/2013

Surrogate outliers indicate probable matrix interference

Method Reference(s): EPA 8260B
EPA 5035 Modified

Data File: X03789.D

Any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Report Prepared Friday, March 08, 2013

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
CLIENT: EA GeoEnvironmental	CLIENT:	LAB PROJECT ID: 130798
ADDRESS: 535 Washington St.	ADDRESS:	
CITY: Buffalo STATE: NY ZIP: 14203	CITY: STATE: ZIP:	Quotation #: JH111612 (rev 11912)
PHONE: 716 685-2300	PHONE:	Email: christopher.boron@eea.com thomas.bohlen@eea.com
ATTN: T. Bohlen / C. Boron	ATTN:	

PROJECT REFERENCE
21.00 506 42.10 Tsk 17
1001 Main St.

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOC 8260 TCL	SVOC 8270 BN	Metals TAL	PCBs 8082	Pesticides 8081	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	3/4/13	1120		X	TP-131-14-030413	SO	1	X					* Please contact	01
2		1130		X	TP-131-19-030413			X					C. Boron upon	02
3		1135		X	TP-131-23-030413			X					receipt regarding	03
4		1140	X		TP-131-22-26-030413				X	X	X	X	turn-around	04
5		1140		X	TP-131-26-030413			X					O: 716-844-7046	05
6													C: 716-570-5990 *	
7														
8														
9														
10														

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	~~X~~	Batch QC		Basic EDD	
Rush 3 day	Due 3/8 per CB. EAH 3/5 X	Category A		NYSDEC EDD	X
Rush 2 day		Category B	X		
Rush 1 day					
Other please indicate: see remarks	X	Other please indicate:		Other EDD please indicate:	

Thomas Bohlen	3/4/13	4°C iced temp blk @ 1240 3/5.
Sampled By	Date/Time	
Thomas Bohlen	3/4/13	Total Cost: Cooler Recd w/ Custody Seals intact. EAH 3/5
Relinquished By	Date/Time	
	3/4/13 16 29	P.I.F.
Received By	Date/Time	
Elizabeth A. Honck	3/5/13 1601	
Received @ Lab By	Date/Time	

PARADIGM

Chain of Custody Supplement

Client: CZA **Completed by:** Mail

Lab Project ID: 130798 **Date:** 3/5/13

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	*NELAC compliance with the sample condition requirements upon receipt* Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X metals
Comments	4°C iced temp Blk @ 1240 3/5		
Sufficient Sample Quantity	X		
Comments			