PHASE II ENVIRONMENTAL SITE ASSESSMENT
500 SENECA STREET
BUFFALO, NEW YORK

PREPARED FOR:
Zdarsky, Sawicki & Agostinelli, LLP
Buffalo, New York

PREPARED BY:
GZA GeoEnvironmental of New York
Buffalo, New York

December 2007
File No. 21.0056365.10

GZA
GeoEnvironmental
of New York

Engineers and Scientists

December 11, 2007
File No. 21.0056365.10

Mr. Guy Agostinelli
Zdarsky, Sawicki & Agonstinelli, LLP
101 Cathedral Place
298 Main Street
Buffalo, New York 14202

Re: Phase II Environmental Site Assessment
500 Seneca St
Buffalo, New York

535 Washington Street
11th Floor
Buffalo, New York
14203
716-685-2300
Fax: 716-685-3629
www.gza.com

Dear Guy:

GZA GeoEnvironmental of New York (GZA) is pleased to submit this report describing the results of our Phase II investigation at the above referenced site. Our investigation included an EM-61 geophysical survey prior to the subsurface investigation, observing soil probes at ten locations, headspace screening of soil samples taken from the soil probe macrocore sampler, chemical analysis of six selected subsurface soil samples and two groundwater samples.

Based on the results of our Phase II investigation, two areas of concern have been identified.

- Underground Storage Tank (UST) Area – Two historic USTs appear to be present in the northwestern corner of the Site. The USTs are not currently being used and appear to have been abandoned. Analytical results identified petroleum type compounds in the groundwater at concentrations above New York State Department of Environmental Conservation (NYSDEC) guidance values. Further investigation to confirm the presence of these USTs and their closure/removal is warranted. *GZA recommends that NYSDEC be contacted and informed of the potential release.*

- Chlorinated Solvents - Chlorinated solvents were detected in one locations under the existing building slab. The source and extent of the chlorinated solvents is not know. However, the detected concentrations in both the soil and groundwater sample collected from this one location exceed NYSDEC groundwater standards. The potential exists for vapor intrusion into the building due to the elevated levels of PCE beneath the building. Additionally, the potential exists for off-site impacts (i.e. groundwater, vapor intrusion, etc.). The extent of the chlorinated solvents contamination should be further explored. *GZA recommends that NYSDEC be contacted and informed of the results.*

GZA offers the following recommendations.

- GZA recommends that this report be provided to the NYSDEC and the two areas of concern be reported.
- The two apparent USTs should be properly registered and removed.
- Further investigation is recommended in the area of SP-9 to further evaluate the extent of the chlorinated solvent contamination identified in the soil and groundwater at this location. Additional chlorinated solvent vapor intrusion should be evaluated within the Site building.

We trust this report satisfies your present needs. Should you have any questions or require additional information following your review, please do not hesitate to contact the undersigned.

Sincerely

GZA GEOENVIRONMENTAL OF NEW YORK

Jennifer Davide
Environmental Scientist

Michele Wittman, P.G.
Project Manager

Ernest R. Hanna, P.E.
Principal

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1.00 INTRODUCTION

In accordance with our October 8, 2007 proposal, GZA GeoEnvironmental of New York (GZA) performed a Phase II Environmental Site Assessment (ESA) at the Seneca and Myrtle Street Properties, located at 500 Seneca St, 322 Myrtle Ave, 332 Myrtle Ave, 27 Spring St and 29 Spring St in Buffalo, New York (Site) for Adarsky, Sawicki & Agostinelli, LLP. A Locus Plan is attached as Figure 1 and a Site Plan as Figure 2.

GZA completed a previous Phase I ESA[1] dated October 10, 2007 at the Site. The following environmental concerns were identified.

- The Site was owned and operated by New Era Cap Co since 1986. Prior to that, the Site was historically occupied by Wolkind Bros. Inc, clothing rentals from approximately 1970 to 1980, a parking lot, Burnt Company Box manufactures from at least 1930 to the late 1950s and residential dwellings from at least 1930 until approximately the late 1960s. The box manufacturer and New Era likely utilized various chemical and petroleum products. New Era was also identified as a RCRIS small quantity generator of hazardous wastes and on the NY Manifest for disposal of PCB containing transformers. These listings confirm the historic use of hazardous materials at the Site. The historic storage, transport and disposal at these facilities are unknown.

- Historic records identified a 2,000-gallon tank installed on the northwestern corner of the Parcel 1. The tank was installed in 1967. Additionally, the permit referenced a existing 550-gallon tank, for a total capacity of 2,550-gallons. The 550-gallon tank appears to have been installed in 1952. There were no records found that indicated these tanks have been removed. Additionally, GZA observed a potential vent pipe and the area of the former pump island. It is possible that the tanks are still present at the Site.

2.00 PURPOSE AND SCOPE OF WORK

The purpose of this Phase II ESA is to assess if historic underground storage tanks (USTs) may be present and if the historic use and USTs have resulted in an environmental impact at the Site. To accomplish this, the following activities were done.

- Contacted our subcontractor, Geomatrix to perform an electromagnetic (EM) geophysical survey using an EM61 at the Site. The EM survey was completed on the northwestern portion of the Site to assist in identifying potential buried metal anomalies or potential presence of USTs.

- Observed the completion of ten soil probes done by GZA's subcontractor, Matrix Environmental Technologies, Inc. (Matrix)

[1] "Phase I Environmental Site Assessment, Seneca and Myrtle Street Properties, 500 Seneca St, 322 Myrtle Ave, 332 Myrtle Ave, 27 Spring and 29 Spring Street, Buffalo, NY ", prepared for Zdarsky, Sawicki & Agostinelli, LLP., dated October 10, 2007.

- Collected soil samples continuously in four-foot sample intervals to depths, which varied from approximately 12 feet to 16 feet below ground surface (bgs).

- Observed the installation of four (4) temporary micro-wells for groundwater sample collection.

- Field screened soil samples, using an organic vapor meter (OVM) equipped with a photoionization detector (PID), that were collected with a macrocore sampler at each probe location.

- Selected six soil probe samples for chemical analysis, which included five soil samples for volatile organic compounds (VOCs) via EPA Method 8260 Full List and semi-volatile organic compounds (SVOCs) via EPA Method 8270 base STARS list analaysis. One soil sample (SP-7 from 1 to 4 feet) was also analyzed for PCBs via EPA Method 8082.

- Selected two groundwater samples from the temporary micro-wells installed. Each groundwater sample was analyzed for chemical analysis, which included VOCs via EPA Method 8260 Full List and SVOCs via EPA Method 8270 STARS list.

- Prepared this report, which summarizes the data collected during this Phase II ESA.

This report presents GZA's field observations, results, and opinions and is subject to the limitations presented in Appendix A and modifications if subsequent information is developed by GZA or any other party.

3.00 FIELD STUDIES

This section describes the field studies done as part of GZA's EM geophysical survey and subsurface investigation. A copy of the geophysical survey report is included as Appendix B.

3.10 ELECTROMAGNETIC GEOPHYSICAL SURVEY

On November 8, 2007 GZA's subcontractor, Geomatrix, performed an EM geophysical survey, using an EM61, to assist is mapping the distribution of buried metals in an attempt to locate anomalies indicative of USTs at the Site. Readings were recorded to identify anomalies. Figure 3 provides a plan view of the geophysical EM results. The Geomatrix report is included as Appendix B.

- Anomaly A was identified as a buried metal anomaly. A linear anomaly appeared to be associated with anomaly A. A vent was also observed

northwest of Anomaly A. Geomatric indicated that it is very likely that Anomaly A is related to a UST.

- Anomaly B was also identified as a buried metal anomaly located between the building and gate. The ground surface in this area is concrete. Anomaly B may be related to a UST or it may be due to reinforcement metal in the concrete and/or interference from the metal in the gate.

GZA reviewed the two identified anomaly locations and compared these locations to the historic records identifying the tank locations. There is good correlation between the locations, for both the 2,000-gallon UST, which appeared to be at a similar location to Anomaly A, and the 550-gallon UST, which appeared to correlate with Anomaly B. Based on the historic record review, geophysical survey results, and site observations of potential vent pipes in the areas, it is likely that the two USTs are currently present at the Site.

3.20 SOIL PROBE INSTALLATIONS

GZA's subcontractor, Matrix, completed ten soil probes as part of the Phase II ESA on November 12, 2007. The soil probes were completed using a Geoprobe 54LT track mounted rig equipped with a pneumatic hammer. The probes are designated as SP-1 through SP-10 as shown on Figure 2.

- SP-1 was done in the area of the 550-gallon UST located on the northwestern portion of the Site.
- SP-2, SP-3 and SP-4 were done on the three accessible sides of the apparent 2,000-gallon UST located on the northwestern portion of the Site.
- SP-5 was done in the area of the former pump island located on the northwestern portion of the Site.
- SP-6 and SP-8 were done in an assumed downgradient direction from the USTs and pump island.
- SP-7 was done on the southwestern portion of the Site across from the adjoining facility, where PCBs were previously detected.
- SP-9 was done within the loading dock area on the northern portion of the Site.
- SP-10 was done within the courtyard area on the eastern portion of the Site.

Generally, the soil probes were advanced using a 2-inch diameter, 48-inch long macrocore sampler that was driven continuously at 48-inch intervals. A dedicated acetate sampler liner was used between sampling intervals. Representative portions of the recovered soils were placed in plastic zip-lock bags for further classification and headspace analysis. The completed soil probe holes were generally backfilled with the soil cuttings and/or topped with asphalt patch.

GZA prepared soil probe logs summarizing the general subsurface conditions that were observed and encountered at each probe location. These logs are based on visual observations

of the recovered soils and include a summary description of the soils using color and composition. Soil probe logs are presented as Appendix C.

3.30 HEADSPACE SCREENING PROCEDURE

Collected soil samples were placed in plastic zip-lock bags. The headspace in each bag was screened for organic vapor compounds using an organic vapor meter (OVM) outfitted with a photoionization detector and a 10.2 eV ultraviolet lamp. The OVM used was a Mini Ray 2000 and was calibrated in accordance with manufacturer's recommendations. A gas standard of isobutlyene was used at an equivalent concentration of 100 parts per million (ppm) as benzene for calibration. Ambient air at the Site was used to establish background organic vapor concentrations. Organic vapor concentrations were generally non-detect, or below 5 ppm in the samples collected from SP-3 to SP-8. Headspace readings at SP-1 and SP-2 generally ranged from non-detect to 83 ppm; and at SP-10 ranged from non-detect to 322 ppm. The highest OVM readings were detected at SP-9, ranging from non-detect to 9,999+. The highest reading was encountered from 6 to 8 feet below ground surface. Headspace results were recorded on the probe logs included as Appendix C.

3.40 GROUNDWATER COLLECTION

Temporary 1-inch diameter polyvinyl chloride (PVC) micro-wells were installed at the completion of drilling at locations SP-1 and SP-3, near the UST locations; at SP-7, an assumed downgradient location; and at SP-9, where the highest OVM reading was measured. Samples were collected using disposable polyethylene bailers and placed in laboratory supplied analytical jars. Temporary micro-wells were removed and the holes backfilled after groundwater samples were collected. Groundwater samples were collected and analyzed from SP-1 and SP-9 only.

4.00 ANALYTICAL LABORATORY TESTING

Six subsurface soil samples and two groundwater samples were selected and submitted for analytical testing. The selected soil and groundwater samples were packed in an ice filled cooler and sent to the GZA GeoEnvironmental Laboratory in Hopkinton, Massachusetts following typical chain-of-custody procedures. Table 1 is a summary of the samples collected and the analysis completed.

5.00 SUBSURFACE CONDITIONS

5.10 SOILS

Subsurface conditions at the soil probe locations generally consisted of:

Layer Designation	Depth	Material Encountered
Surface Layer	Generally within the upper 0.5 to 1-foot	6 inches of asphalt or concrete with an underlying subbase; or 6 inches of topsoil
Fill Layer	Encountered at each soil probe location, generally ranging from 4 to 4.5 feet below ground surface	Granular soils consisting of sand and gravel, with lesser amounts of silt and brick. Cohesive fill material consisting of clayey silt with lesser amounts of gravel, sand and brick
Natural Soils	Below the fill and/or surficial layer.	Generally consists of a clay and silt mixture with lesser amounts of sand and gravel. Intermittent layers of silty sand with gravel were found at SP-1, 2, 3, and 9.

5.20 GROUNDWATER

Groundwater was encountered at depths ranging from approximately 6 to 10 feet below ground surface at each probe location. Temporary 1 inch monitoring wells were installed at SP-1, SP-3, SP-7 and SP-9. Groundwater in the temporary wells ranged from 6.5 to 9.6 feet below ground surface.

6.00 ANALYTICAL TEST RESULTS

Findings of the laboratory testing of the six subsurface soil samples and two groundwater samples analyzed for chemical compounds are presented below. The analytical laboratory report is provided as Appendix D. The analytical results for the soil and ground water samples are summarized on Table 2 and Table 3 respectively.

The analytical test results for the subsurface soil samples were compared to:

- NYSDEC Recommended Soil Cleanup Objectives (RSCOs) presented in NYSDEC, Technical and Administrative Guidance Memorandum (TAGM) HWR-

94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels, dated January 1994, amended December 2000.

- NYSDEC Part 375 Unrestricted and Restricted Use Soil Cleanup Objectives (SCO).

The analytical test results for the groundwater samples were compared to:

- NYSDEC Class GA criteria presented in the Division of Water Technical and Operational Guidance Series (TOGS 1.1.), dated October 1993, revised June 1998, errata January 1999 and amended April 2000.

6.10 SUBSURFACE SOILS

Volatile Organic Compounds: No VOCs were detected above method detection limits from the sample collected from SP-4 and SP-5, in the area of the suspect 2,000-gallon UST.

- SP-1 – Two VOCs, including m&p xylene and 1,2,4-trimethylbenzene, were detected in the soil sample collected from 2-4 feet below ground surface, at concentrations below their respective TAGM 4046 guidance value. An OVM reading of 83 ppm was identified at this sample location, which is near the suspect 550-gallon UST.

- SP-9 – Three VOCs, including cis-1,2-dichloroethene (DCE), trichloroethene (TCE) and tetrachloroethene (PCE) were detected at concentrations within the soil sample from 6 to 8 feet above their respective TAGM 4046 guidance values and the Part 375 Unrestricted Use SCO. Additionally, PCE was detected at a concentration of 270,000 parts per billion (ppb), which exceeds its respective Part 375 Restricted Commercial Use SCO. This soil sample exhibited an OVM reading of greater than 9,999+ ppm and an odor was detected during sample collection.

- SP-10 – Eight typical petroleum type VOCs were detected above method detection limits at the sample collected from 4 to 6 feet below ground surface. The detected concentrations were below their respective TAGM 4046 guidance values. An OVM reading from the sample was recorded as 322 ppm.

Semi-Volatile Organic Compounds: No SVOCs were detected at concentrations above method detection limits in the five soil samples tested.

Polychlorinated Biphenyls: No PCBs were detected at concentrations above method detection limits in the one soil sample tested.

6.20 GROUNDWATER

Volatile Organic Compounds: Two groundwater samples were collected for VOC analysis.

- SP-1 – Eight VOCs were detected above their respective Class GA criteria, as shown on Table 3. The VOCs appeared to be typical petroleum type compounds. SP-1 was located near the apparent 550-gallon UST. The highest detected concentration was benzene, at a concentration of 970 ppb, exceeding its Class GA criteria of 1 ppb.

- SP-9 – Five VOCs were detected above their respective Class GA Criteria, as shown on Table 3. The detected VOCs appeared to be chlorinated solvents. The highest detected concentration was PCE at a concentration of 20,000 ppb, exceeding its Class GA criteria of 5 ppb.

Semi-Volatile Organic Compounds: No SVOCs were detected at concentrations above method detection limits in the one groundwater samples tested from SP-1.

7.00 CONCLUSIONS AND RECOMMENDATIONS

GZA was retained to assess if historical Site usage or identified USTs have resulted in an environmental impact at the Site. Our work included an EM-61 geophysical survey prior to the subsurface investigation, observing soil probes at ten locations, collection of surface soil samples, headspace screening of soil samples taken from the soil probe macrocore sampler and chemical analysis of six subsurface soil samples and two groundwater samples.

A summary of our findings and our opinion based upon the work conducted as part of this study follows.

- GZA retained Geomatrix, to perform an EM geophysical survey using an EM61 at the Site, to map the distribution of buried metals in an attempt to locate anomalies indicative of USTs at the Site. Readings were recorded that identify the following two anomalies.

    - Anomaly A was identified as a buried metal anomaly. A linear anomaly appeared to be associated with anomaly A. A vent was also observed northwest of Anomaly A. Geomatric indicated that it is very likely that Anomaly A is related to a UST.

    - Anomaly B was also identified as a buried metal anomaly located between the building and gate. The ground surface in this area is concrete.

Anomaly B may be related to a UST or it may be due to reinforcement metal in the concrete and/or interference from the metal in the gate.

GZA reviewed the two identified anomaly locations and compared these locations to the historic records identifying the tank locations. There is good correlation between the locations, for both the 2,000-gallon UST, which appeared to be at a similar location to Anomaly A, and the 550-gallon UST, which appeared to correlate with Anomaly B. Based on the historic record review, geophysical survey results, and site observations of potential vent pipes in the areas, it is likely that the two USTs are currently present at the Site.

- Subsurface conditions at the soil probe locations generally consisted of approximately 6-inches of asphalt and subbase gravel, concrete (SP-9) or topsoil (SP-2) overlying a fill material, generally consisting of a sand and gravel mixture with silt, clay and brick. Fill depths generally ranged from 4 to 4.5 feet below ground surface. Native soils generally consisted of a clay and silt mixture with varying amounts of sand and gravel. Intermittent layers of silty sand and gravel were found at SP-1, 2, 3 and 9.

- Groundwater was encountered at depths ranging from approximately 6 to 10 feet below ground surface at each probe location. Temporary 1 inch monitoring wells were installed at SP-1, SP-3, SP-7 and SP-9. Groundwater in the temporary wells ranged from 6.5 to 9.6 feet below ground surface.

Based on the results of our Phase II investigation, two areas of concern have been identified.

- UST Area – Two historic USTs appear to be present in the northwestern corner of the Site. The USTs are not currently being used and appear to have been abandoned. Analytical results identified petroleum type compounds in the groundwater at concentrations above NYSDEC guidance values. Further investigation to confirm the presence of these USTs and their closure/removal is warranted. *GZA recommends that NYSDEC be contacted and informed of the potential release.*

- Chlorinated Solvents - Chlorinated solvents were detected in one locations under the existing building slab. The source and extent of the chlorinated solvents is not know. However, the detected concentrations in both the soil and groundwater sample collected from this one location exceed NYSDEC groundwater standards. The potential exists for vapor intrusion into the building due to the elevated levels of PCE beneath the building. Additionally, the potential exists for off-site impacts (i.e. groundwater, vapor intrusion, etc.). The extent of the chlorinated solvents contamination should be further explored. *GZA recommends that NYSDEC be contacted and informed of the results.*

GZA offers the following recommendations.

- GZA recommends that this report be provided to the NYSDEC and the two areas of concern be reported.

- The two apparent USTs should be properly registered and removed.

- Further investigation is recommended in the area of SP-9 to further evaluate the extent of the chlorinated solvent contamination identified in the soil and groundwater at this location. Additional chlorinated solvent vapor intrusion should be evaluated within the Site building.

TABLES

Table 1
Analytical Testing Program Summary
500 Seneca Street
Buffalo, New York

Location	Date Collected	Depth/ Interval (ft bgs)	VOCs EPA Method 8260-Full list	SVOCs EPA Method 8270 STARS	PCBs EPA Method 8082
Groundwater Samples					
SP-1	11/12/07	NA	X	X	
SP-9	11/12/07	NA	X		
Soilprobe Samples					
SP-1	11/12/07	2 to 4	X	X	
SP-4	11/12/07	3 to 5	X	X	
SP-5	11/12/07	3 to 5	X	X	
SP-7	11/12/07	1 to 4			X
SP-9	11/12/07	6 to 8	X	X	
SP-10	11/12/07	4 to 6	X	X	

Notes:
1. NA = not applicable.
2. ft bgs = feet below ground surface
3. VOCs = Volatile Organic Compounds
4. SVOCs = Semi-Volatile Organic Compounds

Table 2
Soil Analytical Testing Results Summary
500 Seneca
Buffalo, New York

Parameter	NYSDEC TAGM 4046 RSCO	Unrestricted Use Soil Cleanup Objectives	Restricted Soil Cleanup Objectives (SCO)			SP - 1 2-4ft. 11/12/2007 Result	SP - 4 3-5ft. 11/12/2007 Result	SP - 5 3-5ft. 11/12/2007 Result	SP - 7 1-4ft. 11/12/2007 Result	SP - 9 6-8ft. 11/12/2007 Result	SP - 10 4-6ft. 11/12/2007 Result
			Restricted Residential	Restricted Commercial	Restricted Industrial						
Volatile Organic Compounds - EPA Method 8260 TCL (ug/kg)											
cis-1,2-Dichloroethene	400	250	100,000	500,000	100,000	<	<	<	NT	***1,000***	<
1,1,1-Trichloroethane	800	680	100,000	500,000	1,000,000	<	<	<		<	<
Trichloroethene	700	470	21,000	200,000	400,000	<	<	<	NT	***6,000***	<
Tetrachloroethene	1,400	1,300	19,000	150,000	300,000	<	<	<	NT	***270,000***	<
m&p-Xylene	1,200	260	100,000	500,000	1,000,000	54	<	<	NT	<	<
Isopropylbenzene	5,000	NV	NV	NV	NV	<	<	<	NT	<	65
n-Propylbenzene	14,000	3,900	100,000	500,000	1,000,000	<	<	<	NT	<	110
1,3,5-Trimethylbenzene	3,000	8,400	52,000	190,000	380,000	<	<	<	NT	<	83
1,2,4-Trimethylbenzene	13,000	3,600	52,000	190,000	380,000	52	<	<	NT	<	220
sec-Butylbenzene	25,000	11,000	100,000	500,000	1,000,000	<	<	<	NT	<	61
p-Isopropyltoluene	11,000	NV	NV	NV	NV	<	<	<	NT	<	77
n-Butylbenzene	18,000	12,000	100,000	500,000	1,000,000	<	<	<	NT	<	88
Naphthalene	13,000	12,000	100,000	500,000	1,000,000	<	<	<	NT	<	82
Total VOCs						106	<	<		277,000	786
Semi-Volatile Organic Compounds - EPA Method 8270 STARS (ug/kg)											
No compounds detected above method detection limits						<	<	<	NT	<	<
Polychlorinated Biphenyls - EPA Method 8282 (ug/kg)											
No compounds detected above method detection limits						NT	NT	NT	<	NT	NT

Notes:
1. Compounds detected in one or more samples are presented on this table. Refer to Attachment C for list of all compounds included in analysis.
2. Analytical testing completed by GZA GeoEnvironmental Laboratory.
3. ug/kg = part per billion and mg/kg = parts per million.
4. < indicates compound was not detected.
5. *Italics* indicates value exceeds the NYSDEC TAGM 4046 Recommended Soil Cleanup Objective (RSCO).
6. **Bold** indicates value exceeds the Unrestricted Use Soil Cleanup Objectives
7. Blue shading indicates value exceeds the Restricted Residential Use Soil Cleanup Objectives
8. Yellow shading indicates value exceeds the Restricted Commercial Use Soil Cleanup Objectives
9. Red shading indicates value exceeds the Restricted Industrial Use Soil Cleanup Objectives
10. NT = not tested

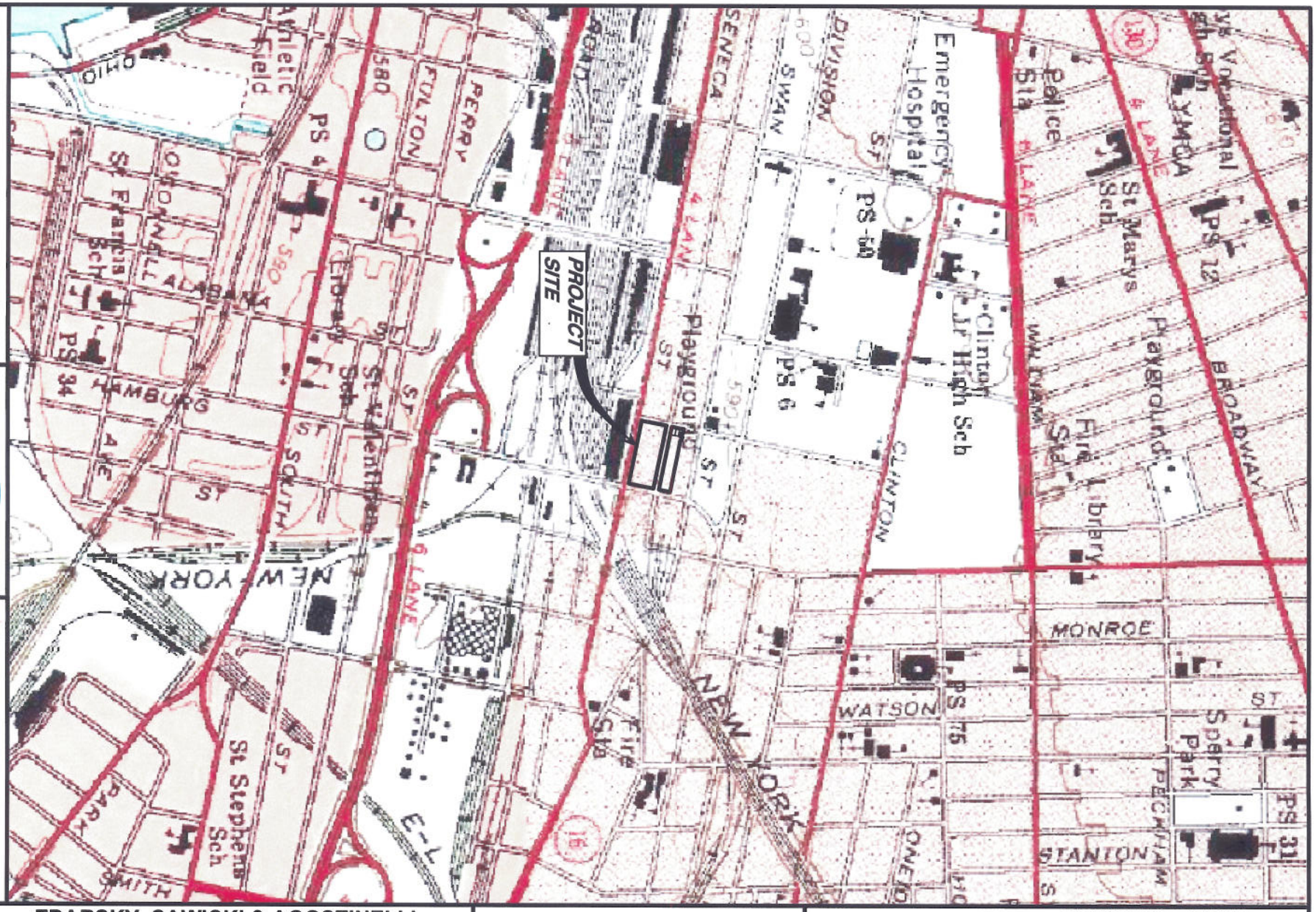
Table 3
Groundwater Analytical Testing Results Summary
500 Seneca
Buffalo, New York

Parameter	Class GA Criteria	SP - 1 11/12/2007 Result	SP - 9 11/12/2007 Result
VOC - EPA Method 8260 STARS (ug/L)			
Vinyl Chloride	2	<	6.7
1,1-Dichloroethene	5	<	5.2
trans-1,2-Dichloroethene	5	<	4.8
cis-1,2-Dichloroethene	5	<	380
Benzene	1	970	<
Trichloroethene	5	<	2,100
Tetrachloroethene	5	<	20,000
Ethylbenzene	5	11	<
m&p-Xylene	5	36	<
o-Xylene	5	15	<
Isopropylbenzene	5	34	<
N-Propylbenzene	5	75	<
sec-Butylbenzene	5	11	<
n-Butylbenzene	5	11	<

Notes:
1. Compounds detected in one or more samples are presented on this table.
2. Analytical testing completed by GZA GeoEnvironmental Laboratory.
3. NYSDEC Class GA criteria obtained from Division of Water Technical and Operational Guidance Series (TOGS 1.1.1), June 1998.
4. ug/L = part per billion (ppb).
5. Blank indicates compound was not detected.
6. Shaded area indicates analyte concentration exceeds Class GA criteria
7. * = 5ug/L criteria is for total xylenes
8. NT = Not tested for; NV = No value

FIGURES

NOTE:
BASE MAP ADAPTED FROM U.S.G.S. TOPOGRAPHIC MAPS DOWNLOADED FROM TERRASERVER.MICROSOFT.COM



NORTH

ZDARSKY, SAWICKI & AGOSTINELLI
500 SENECA STREET
BUFFALO, NEW YORK

PHASE II ENVIRONMENTAL SITE ASSESSMENT

LOCUS PLAN

SCALE IN FEET
0 500 1000 2000

DRAWN BY: **DEW**
DATE: **NOVEMBER 2007**

GZA GeoEnvironmental of New York

PROJECT No. **21.0056365.10**
FIGURE No. **1**

LEGEND:

SP-2 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBE COMPLETED BY MATRIX ENVIRONMENTAL TECHNOLOGIES ON NOVEMBER, 2007

NOTES:

1. BASE MAP ADAPTED FROM AN AERIAL PHOTOGRAPH DOWNLOADED FROM http://local.live.com AND FIELD OBSERVATIONS.

2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

DRAWN BY: DEW

DATE: OCTOBER 2007

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET

0 20 40 80

ZDARSKY, SAWICKI & AGOSTINELLI

500 SENECA STREET

BUFFALO, NEW YORK

PHASE II ENVIRONMENTAL SITE ASSESSMENT

SITE PLAN

PROJECT No.

21.0056365.10

FIGURE No.

2

APPROXIMATE SCALE IN FEET

0 5 10 20

DRAWN BY: DEW

DATE: OCTOBER 2007

GZA GeoEnvironmental of New York

NOTES:

1. BASE MAP ADAPTED FROM AN AERIAL PHOTOGRAPH DOWNLOADED FROM http://local.live.com AND FIELD OBSERVATIONS.

2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

ZDARSKY, SAWICKI & AGOSTINELLI

500 SENECA STREET

BUFFALO, NEW YORK

PHASE II ENVIRONMENTAL SITE ASSESSMENT

GEOPHYSICAL SURVEY PLAN

PROJECT No.

21.0056365.00

FIGURE No.

3

APPENDIX A

LIMITATIONS

LIMITATIONS

1. The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in this report was carried out in accordance with the Terms and Conditions of our Agreement.

2. In preparing this report, GZA GeoEnvironmental of New York (GZA) has relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to GZA at the time of the site assessment. Although there may have been some degree of overlap in the information provided by these various sources, GZA did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment.

3. In the event that bank counsel or title examiner for Client obtains information on environmental or hazardous waste issues at the site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.

4. Observations were made of the site and of structures on the site as indicated within the report. Where access to portions of the site or to structures on the site was unavailable or limited, GZA renders no opinion as to the presence of hazardous material or oil, or to the presence of indirect evidence relating to hazardous material or oil, in that portion of the site or structure. In addition, GZA renders no opinion as to the presence of hazardous material or oil, or to the presence of indirect evidence relating to hazardous material or oil, where direct observation of the interior walls, floor, or ceiling of a structure on a site was obstructed by objects or coverings on or over these surfaces.

5. Unless otherwise specified in the report, GZA did not perform testing or analyses to determine the presence or concentration of asbestos or polychlorinated biphenyls (PCB's) at the site or in the environment at the site.

6. The purpose of this report was to assess the physical characteristics of the subject site with respect to the presence in the environment of hazardous material or oil. No specific attempt was made to check on the compliance of present or past owners or operators of the site with federal, state, or local laws and regulations, environmental or otherwise.

7. The conclusions and recommendations contained in this report are based in part upon the data obtained from a limited number of soil and/or groundwater samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and

recommendations of this report.

8. Water level readings have been made in the test pits, borings, and/or observation wells at the times and under the conditions stated on the test pit or boring logs. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

9. Except as noted within the text of the report, no quantitative laboratory testing was performed as part of the site assessment. Where such analyses have been conducted by an outside laboratory, GZA has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these data.

10. The conclusions and recommendations contained in this report are based in part upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. As indicated within the report, some of these data are preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data should be reviewed by GZA and the conclusions and recommendations presented herein modified accordingly.

11. Chemical analyses have been performed for specific parameters during the course of this site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the site.

12. It is recommended that GZA be retained to provide further engineering services during construction and/or implementation of any remedial measures recommended in this report. This is to allow GZA to observe compliance with the concepts and recommendations contained herein, and to allow the development of design changes in the event that subsurface conditions differ from those anticipated.

APPENDIX B

GEOPHYSICAL SURVEY

90 B John Muir Drive
Amherst, New York 14228
(716) 565-0624 • Fax (716) 565-0625

November 20, 2007

Michele M. Wittman, P.G.
Senior Project Manager
GZA GeoEnvironmental of NY
535 Washington Street
11th Floor
Buffalo, NY 14203

Transmitted via email to: Michele Wittman [michele.wittman@gza.com]

Dear Ms. Wittman:

Subject: Geophysical Survey Results – 500 Seneca St, Buffalo, NY

1.0 INTRODUCTION

This report presents the results of a geophysical investigation performed at a portion of the property located at 500 Seneca Street in Buffalo, NY. Historical information obtained by GZA indicate the potential for two underground storage tanks to be present on site. A geophysical survey was performed by Geomatrix Consultants, Inc. (Geomatrix) to map the distribution of buried metals in an attempt to locate anomalies indicative of USTs. The survey was performed on November 12, 2007 utilizing electromagnetic techniques.

The geophysical results presented herein are intended to serve as a guide to focus any future intrusive investigations, if warranted. Additional collaborative data are generally necessary to confirm geophysical anomalies.

2.0 METHODOLOGY

A reference grid was installed to facilitate data acquisition along lines spaced 3 feet apart. The grid was marked with orange and white paint. Select grid coordinates were labeled to aid in the event that future work was necessary. The southwest corner of the building was established as grid coordinate 50N,50E. Grid North was taken as the direction parallel to the west wall of the building.

ELECTROMAGNETIC SURVEY METHODOLOGY

The site was geophysically surveyed using the Geonics EM61. The EM61 unit is a high sensitivity, high resolution time domain electromagnetic (TDEM) metal detector that can detect both ferrous and nonferrous metallic objects. It has an approximate investigation depth of 10 feet. The processing console is contained in a backpack worn by the operator which is interfaced to a digital data logger. The transmitter and two receiver coils are located on a two-wheeled cart that is pulled by the operator.

EM equipment in use (photo not from this site)

The device's transmitter coil generates a pulsed primary EM field at a rate of 150 pulses per second, inducing eddy currents into the subsurface. The decay rates of these eddy currents are measured by two, 3.28 foot by 1.64 foot (1 meter by ½ meter) rectangular receiver coils. By taking the measurements at a relatively long time frame after termination of the primary pulse, the response is practically independent of the survey area's terrain conductivity. Specifically, the decay rates of the eddy currents are much longer for metals than for normal soils allowing the discrimination of the two.

Data are collected from the EM61's two receiver coils. One of the receiver coils is located coincident to the transmitter coil. The other receiver coil is located 1.31 feet (0.4 meters) above the transmitter coil. Data from the top receiver coil are stored on Channel 1 of a digital data logger. Data from the bottom receiver coil are stored on Channel 2 of the data logger. Channel 1 and Channel 2 data are simultaneously recorded at each station location. The instrument responses are recorded in units of milliVolts (mV). Data were recorded digitally by a data logger at a rate of approximately 2 measurements per foot along the survey lines which were spaced 3 feet apart.

3.0 RESULTS

The EM61 data for the survey are presented in Figure 1. The color bar to the right of the map indicates the colors associated with the values measured with the EM61. Areas suspected to be free of buried metals are shown as color shades of light blue. All areas exhibiting a

response greater than background (0 to 30 mVolts) likely contain buried metals. These areas are depicted in shades of dark blue through yellow on the figures.

Anomaly A is a buried metal anomaly centered at 70N,35E. A linear anomaly appears to be associated with Anomaly A. A vent was observed northwest of Anomaly A. It is very likely that Anomaly A is related to a UST.

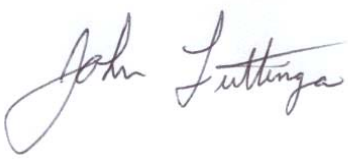
Anomaly B is a buried metal anomaly located between the building and the gate. We noted the ground surface in this area is concrete. Anomaly B may be related to a UST or it may be due to reinforcement metal in the concrete and/or interference from the metal in the gate.

4.0 LIMITATIONS

The geophysical methods used during this survey are established, indirect techniques for non-invasive subsurface reconnaissance exploration. As these instruments utilize indirect methods, they are subject to inherent limitations and ambiguities. All geophysical methods utilize interpretative techniques which can be significantly impacted by varying site conditions. Anomalies can only be identified if they show recognizable patterns against data representative of background or natural conditions. Therefore, where possible, confirmation of any geophysical anomalies identified or interpreted should be sought through the use of historical aerial photography, test pit and/or borehole information.

We trust the information contained in this report is sufficient for your present needs. Please do not hesitate to contact us if you have any questions or require additional information.

Sincerely yours,
GEOMATRIX CONSULTANTS, INC.



John Luttinger
Senior Geophysicist

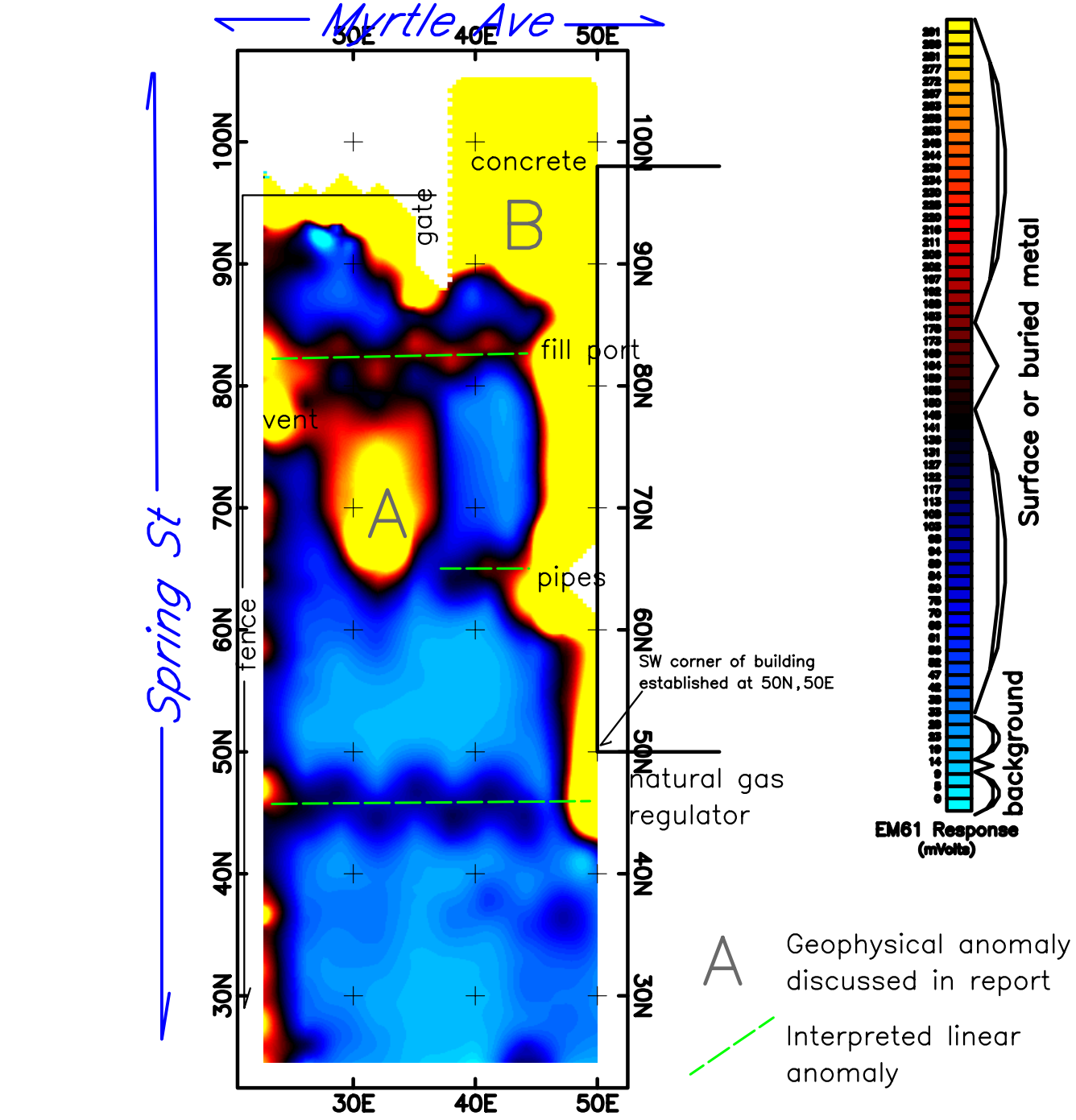


Figure 1

Geophysical Survey Results
Color Contours of EM61 Data
(mVolts)

500 Seneca St
Buffalo, NY
GZA

Geomatrix (716) 565-0624

APPENDIX C

SOIL PROBE LOGS

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Marc Janus	GROUND SURFACE ELEVATION	NA DATUM NA
START DATE	11/12/2007 END DATE 11/12/07	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA

DATE	TIME	WATER	CASING
11/12/07		6.7	1"

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0-2	65	ASPHALT		4
1				Gray brown Clayey SILT, trace Sand, trace Gravel, trace Brick, moist, (FILL).		
2						
	S-2	2-4	65	Grades to:...Dark gray SILT and Sand, some Gravel, trace Clay.	staining/odor	83
3						
4						
	S-3	4-6	80			18
5				Light yellowish brown Silty CLAY, trace Sand, trace Gravel, moist.		
6						
	S-4	6-8	80			0
7						
8						
	S-5	8-10	65			33
9				Gray SAND and Gravel, some Silt, trace Clay, wet.	staining/odor	
10						
	S-6	10-12	65	Light gray Clayey SILT, some Gravel, trace Sand, moist.	odor	14
11						
				Dark gray SAND and Gravel, some weathered Shale, wet.	staining/odor	
12				Dark gray Clayey SILT, some Sand, wet.	staining/odor	
	S-7	12-13	30			52
13						
				Refusal at 13 feet bgs.		
14						
15						
16						
17						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter used to field screen and headspace soil samples.

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Marc Janus	GROUND SURFACE ELEVATION	NA DATUM NA
START DATE	11/12/2007 END DATE 11/12/07	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA

DATE	TIME	WATER	CASING
11/12/07		6.0'	none

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0-2	50	TOPSOIL		0
1				Gray SAND and Gravel, trace Silt, trace Clay, trace Brick,		
				trace Organics, moist. (FILL).		
2						
	S-2	2-4	50			4
3				Reddish brown Silty CLAY, some Gravel, trace Sand, moist		
				(FILL).		
4						
	S-3	4-6	100	Reddish brown Silty CLAY, trace Sand, trace Gravel, moist.		50
5						
6						
	S-4	6-8	100	Grades to:… wet.		11
7						
8						
	S-5	8-10	100	Grades to:… Yellowish brown, some Sand.		3
9						
10						
	S-6	10-12	100	Light gray SAND and Gravel, some Silt, little Clay, moist.		2
11						
12						
	S-7	12-13	35			1
13						
				Refusal at 13 feet bgs.		
14						
15						
16						
17						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter used to field screen and headspace soil samples.

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Marc Janus	GROUND SURFACE ELEVATION	NA DATUM NA
START DATE	11/12/2007 END DATE 11/12/07	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA

DATE	TIME	WATER	CASING
11/12/07		5.96	1"

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0-2	45	ASPHALT		0
1				Brown SAND and Gravel, some Clay, little Silt, trace Brick, moist, (FILL).		
2						
	S-2	2-4	45			1
3						
4						
	S-3	4-6	80			4
5				Reddish brown Silty CLAY, trace Sand, trace Gravel, moist.		
6						
	S-4	6-8	80			3
7						
8						
	S-5	8-10	100	Grades to:… wet.		1
9						
				Light gray Clayey SILT, some Sand, little Clay, little Gravel, moist.		
10						
	S-6	10-12	100			0
11						
				Light gray SAND and Gravel, some Silt, little Clay, moist.		
12						
				End of probe at 12 feet bgs.		
13						
14						
15						
16						
17						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter used to field screen and headspace soil samples.

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Marc Janus	GROUND SURFACE ELEVATION	NA DATUM NA
START DATE	11/12/2007 END DATE 11/12/07	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA

DATE	TIME	WATER	CASING
11/12/07		6.5'	none

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0-2	60	ASPHALT		0
1				Brown SAND, trace Gravel, trace Silt, trace Clay, moist, (FILL).		
2						
	S-2	2-4	60			1
3				Reddish brown Silty CLAY, trace Sand, trace Gravel, moist,		
				(FILL).		
4				Gray brown SAND and Gravel, trace Silt, trace Clay,		
	S-3	4-6	100	trace Brick, moist (FILL)		1
5				Reddish brown Silty CLAY, trace Sand, trace Gravel, moist.		
6						
	S-4	6-8	100			0
7				Grades to:… Yellowish brown, wet.		
8						
	S-5	8-10	100	Grades to:… Reddish brown, some Gravel.		0
9						
				Yellowish brown Clayey SILT, trace Sand, trace Gravel, moist.		
10						
	S-6	10-12	100			0
11				Grades to:… Light gray, some Sand, little Gravel, moist.		
12						
				End of probe at 12 feet bgs.		
13						
14						
15						
16						
17						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter used to field screen and headspace soil samples.

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Marc Janus	GROUND SURFACE ELEVATION	NA DATUM NA
START DATE	11/12/2007 END DATE 11/12/07	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA

DATE	TIME	WATER	CASING
11/12/07		6.5'	none

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0-2	65	ASPHALT		0
1				Reddish brown Silty CLAY, trace Sand, trace Gravel, trace		
				Brick, moist, (FILL).		
2						
	S-2	2-4	65			0
3						
4				Gray SAND and Gravel, some Silt, little Clay, trace Brick,		
	S-3	4-6	75	moist (FILL).		0
5						
6				Reddish brown Clayey SILT, some Sand, trace Gravel, moist.		
	S-4	6-8	75			0
7				Grades to:… wet.		
8				Grades to:… Yellowish brown.		
	S-5	8-10	100			1
9						
10						
	S-6	10-12	100	Grades to:… Light gray, some Sand, little Gravel, moist.		0
11						
12						
				End of probe at 12 feet bgs.		
13						
14						
15						
16						
17						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter used to field screen and headspace soil samples.

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Marc Janus	GROUND SURFACE ELEVATION	NA DATUM NA
START DATE	11/12/2007 END DATE 11/12/07	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA

DATE	TIME	WATER	CASING
11/12/07		7.0'	none

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0-2	75	ASPHALT		0
1				Gray Silty CLAY, some Sand, little Gravel, trace Brick, moist (FILL).		
2						
	S-2	2-4	75			0
3						
4						
	S-3	4-6	100			0
5				Yellowish brown Clayey SILT, some Sand, trace Gravel, moist.		
6						
	S-4	6-8	100			0
7						
				Grades to:… wet.		
8						
	S-5	8-10	100			0
9				Grades to:… little Gravel.		
10						
	S-6	10-12	100	Grades to:… Light gray, some Gravel.		1
11						
12						
				End of probe at 12 feet bgs.		
13						
14						
15						
16						
17						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter used to field screen and headspace soil samples.

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Marc Janus	GROUND SURFACE ELEVATION	NA DATUM NA
START DATE	11/12/2007 END DATE 11/12/07	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA

DATE	TIME	WATER	CASING
11/12/07		8.29	1"

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0-2	40	ASPHALT		0
1				Gray SAND and Gravel, some Silt, trace Clay, trace Brick, moist (FILL).		
2						
	S-2	2-4	40			0
3						
4						
	S-3	4-6	70			0
5				Reddish brown Clayey SILT, some Sand, trace Gravel, moist.		
6						
	S-4	6-8	70			0
7						
8						
	S-5	8-10	100	Grades to:… Brown.		0
9						
10						
	S-6	10-12	100	Reddish Brown Silty CLAY, trace Sand, trace Gravel, moist.		0
11						
12						
				End of probe at 12 feet bgs.		
13						
14						
15						
16						
17						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter used to field screen and headspace soil samples.

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Marc Janus	GROUND SURFACE ELEVATION	NA DATUM NA
START DATE	11/12/2007 END DATE 11/12/07	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA

DATE	TIME	WATER	CASING
11/12/07		6.5'	none

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0-2	50	ASPHALT		0
1				Gray SAND and Gravel, some Silt, trace Clay, trace Brick, moist (FILL).		
2						
	S-2	2-4	50			0
3				Reddish brown Silty CLAY, little Gravel, trace Sand, moist, (FILL).		
4						
	S-3	4-6	90			0
5				Reddish brown Silty CLAY, trace Sand, trace Gravel, moist.		
6						
	S-4	6-8	90	Grades to:… wet.		0
7						
8						
	S-5	8-10	100			0
9						
10						
	S-6	10-12	100	Grades to:… Yellowish brown.		0
11						
12						
				End of probe at 12 feet bgs.		
13						
14						
15						
16						
17						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter used to field screen and headspace soil samples.

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Marc Janus	GROUND SURFACE ELEVATION	NA DATUM NA
START DATE	11/12/2007 END DATE 11/12/07	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA

DATE	TIME	WATER	CASING
11/12/07		9.65	1"

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0-2	15	CONCRTE		0
1				Reddish brown Clayey SILT, some Gravel, little Sand, moist (FILL).		
2						
	S-2	2-4	15			4
3						
4						
	S-3	4-6	75	Yellowish brown SAND and Gravel, trace Silt, trace Clay, moist.		50
5				Reddish brown Clayey SILT, trace Sand, trace Gravel, moist.		
6						
	S-4	6-8	75		odor	9999
7						
8						
	S-5	8-10	100			792
9						
10						
	S-6	10-12	100	Light gray SAND and Gravel, some Silt, little Clay, moist.		30
11						
12						
				End of probe at 12 feet bgs.		
13						
14						
15						
16						
17						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter used to field screen and headspace soil samples.

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Marc Janus	GROUND SURFACE ELEVATION	NA DATUM NA
START DATE	11/12/2007 END DATE 11/12/07	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA

DATE	TIME	WATER	CASING
11/12/07		10.0'	none

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0-2	10	Gray SAND and Gravel, some Silt, trace Clay, moist (FILL).		0
1						
2						
	S-2	2-4	10			1
3						
4						
	S-3	4-6	75	Gray brown Clayey SILT, trace Sand, trace Gravel, moist.	odor	322
5						
6						
	S-4	6-8	75			58
7						
8						
	S-5	8-10	100			59
9						
10						
	S-6	10-12	100	Grades to:… Reddish brown, wet.		11
11						
12						
	S-7	12-14	5			8
13						
14						
	S-8	14-16	5			8
15						
16						
				End of soil probe at 16 feet bgs.		
17						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter used to field screen and headspace soil samples.

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

APPENDIX D

ANALYTICAL TEST RESULTS

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

Laboratory Identification Numbers:
MA and ME: **MA092** NH: **2028**
CT: **PH0579** RI: **LAO00236**
NELAC - NYS DOH: **11063**

ANALYTICAL REPORT

GZA GeoEnvironmental of NY
535 Washington Street
11th Floor
Buffalo, NY 14203-1415
Michelle Wittman

Project No.: **21.0056365.00**
Work Order No.: **0711-00106**
Date Received: **11/13/2007**
Date Reported: **11/20/2007**

SAMPLE INFORMATION

Date Sampled	Matrix	Laboratory ID	Sample ID
11/12/2007	Solid	0711-00106 001	SP - 1 2-4ft.
11/12/2007	Solid	0711-00106 002	SP - 4 3-5ft.
11/12/2007	Solid	0711-00106 003	SP - 5 3-5ft.
11/12/2007	Solid	0711-00106 004	SP - 7 1-4ft.
11/12/2007	Solid	0711-00106 005	SP - 9 6-8ft.
11/12/2007	Solid	0711-00106 006	SP - 10 4-6ft.

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

ANALYTICAL REPORT

GZA GeoEnvironmental of NY
535 Washington Street
11th Floor
Buffalo, NY 14203-1415
Michelle Wittman

Project Name.: **500 Seneca St.-Former New Era**
Project No.: **21.0056365.00**

Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00106**

PROJECT NARRATIVE:

1. Sample Receipt

The samples were received on 11/13/07 via __GZA courier, _x_UPS, __FEDEX, or ___hand delivered. The temperature of the __temperature blank/_x_cooler air, was 4.7 degrees C. The temperature requirement for most analyses is above freezing to 6 degrees C. The samples were received intact for all requested analyses.

The chain of custody indicates that the samples, when required, were chemically preserved in accordance with the method they reference.

2. EPA Method 8260 - VOCs

The percent recoveries for the surrogates in the diluted runs are as follows:

SP-9 6-8ft.: 1,2- Dichloroethane-D4 - 104%, Toluene-D8 - 124%, 4-Bromofluorobenzene - 97.2%

Attach QC 8260 11/15/07 S - Solid
Attach QC 8260 11/17/07 S - Solid

3. EPA Method 8082 - PCBs

Attach QC 8082 11/14/07 - Solid

4. EPA Method 8270 - PAHs

Attach QC 8270 11/14/07 - Solid

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Data Authorized By: _____

NELAC certification, as indicated by the NELAC Lab ID Number, is per analyte. For a complete list of NELAC validated analytes, please contact the laboratory.

Abbreviations:
% R = % Recovery
DF = Dilution Factor
DFS = Dilution Factor Solids
CF = Calculation Factor
DO = Diluted Out

Method Key:
Method 8260: The current version of the method is 8260B.
Method 8021: The current version of the method is 8021B.
Method 8270: The current version of the method is 8270C.
Method 6010: The current version of the method is 6010B.

Please note that the laboratory signed copy of the chain of custody record is an integral part of the data report.

Soil data is reported on a dry weight basis unless otherwise specified.
Matrix Spike / Matrix Spike Duplicate sets are performed as per method and are reported at the end of the analytical report if assigned on the Chain of Custody.

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Project No.: **21.0056365.00**

Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00106**

Sample ID: **SP - 1 2-4ft.**
Sample No.: **001**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
PERCENT SOLID		91.7	%	TAJ	11/15/2007
VOLATILE ORGANICS	EPA 8260			MQS	11/15/2007
Dichlorodifluoromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chloromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Vinyl Chloride	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromomethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Trichlorofluoromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Diethylether	EPA 8260	<50	ug/kg	MQS	11/15/2007
Acetone	EPA 8260	<500	ug/kg	MQS	11/15/2007
1,1-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dichloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Methyl-Tert-Butyl-Ether	EPA 8260	<50	ug/kg	MQS	11/15/2007
trans-1,2-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1-Dichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Butanone	EPA 8260	<500	ug/kg	MQS	11/15/2007
2,2-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
cis-1,2-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Chloroform	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromochloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Tetrahydrofuran	EPA 8260	<100	ug/kg	MQS	11/15/2007
1,1,1-Trichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Carbon Tetrachloride	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Benzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Trichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromodichloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dibromomethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
4-Methyl-2-Pentanone	EPA 8260	<100	ug/kg	MQS	11/15/2007
cis-1,3-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Toluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
trans-1,3-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,2-Trichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Hexanone	EPA 8260	<100	ug/kg	MQS	11/15/2007
1,3-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007

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Project No.: **21.0056365.00**

Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00106**

Sample ID: **SP - 1 2-4ft.**
Sample No.: **001**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
Tetrachloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dibromochloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dibromoethane (EDB)	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,1,2-Tetrachloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Ethylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
m&p-Xylene	EPA 8260	54	ug/kg	MQS	11/15/2007
o-Xylene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Styrene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromoform	EPA 8260	<100	ug/kg	MQS	11/15/2007
Isopropylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,2,2-Tetrachloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,3-Trichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
n-Propylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Chlorotoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,3,5-Trimethylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
4-Chlorotoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
tert-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,4-Trimethylbenzene	EPA 8260	52	ug/kg	MQS	11/15/2007
sec-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
p-Isopropyltoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,3-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,4-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
n-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dibromo-3-Chloropropane	EPA 8260	<250	ug/kg	MQS	11/15/2007
1,2,4-Trichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Hexachlorobutadiene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Naphthalene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,3-Trichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	101	% R	MQS	11/15/2007
***Toluene-D8	EPA 8260	102	% R	MQS	11/15/2007
***4-Bromofluorobenzene	EPA 8260	92.3	% R	MQS	11/15/2007
Preparation	EPA 5035	1.0	CF	MQS	11/15/2007
PAHS BY GCMS	EPA 8270			CMG	11/17/2007

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Work Order No.: **0711-00106**

Sample ID: **SP - 1 2-4ft.**
Sample No.: **001**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
Naphthalene	EPA 8270	<330	ug/kg	CMG	11/17/2007
2-Methylnaphthalene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Acenaphthylene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Acenaphthene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Fluorene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Phenanthrene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Anthracene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Pyrene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Benzo [a] Anthracene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Chrysene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Benzo [b] Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Benzo [k] Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Benzo [a] Pyrene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Surrogates:	EPA 8270				
***Nitrobenzene-D5	EPA 8270	56.6	% R	CMG	11/17/2007
***2-Fluorobiphenyl	EPA 8270	51.7	% R	CMG	11/17/2007
***P-Terphenyl-D14	EPA 8270	74.2	% R	CMG	11/17/2007
Extraction	EPA 3545	1.0	DF	TN	11/14/2007

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Sample ID: **SP - 4 3-5ft.**
Sample No.: **002**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
PERCENT SOLID		72.5	%	TAJ	11/15/2007
VOLATILE ORGANICS	EPA 8260			MQS	11/15/2007
Dichlorodifluoromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chloromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Vinyl Chloride	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromomethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Trichlorofluoromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Diethylether	EPA 8260	<50	ug/kg	MQS	11/15/2007
Acetone	EPA 8260	<500	ug/kg	MQS	11/15/2007
1,1-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dichloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Methyl-Tert-Butyl-Ether	EPA 8260	<50	ug/kg	MQS	11/15/2007
trans-1,2-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1-Dichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Butanone	EPA 8260	<500	ug/kg	MQS	11/15/2007
2,2-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
cis-1,2-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Chloroform	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromochloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Tetrahydrofuran	EPA 8260	<100	ug/kg	MQS	11/15/2007
1,1,1-Trichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Carbon Tetrachloride	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Benzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Trichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromodichloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dibromomethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
4-Methyl-2-Pentanone	EPA 8260	<100	ug/kg	MQS	11/15/2007
cis-1,3-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Toluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
trans-1,3-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,2-Trichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Hexanone	EPA 8260	<100	ug/kg	MQS	11/15/2007
1,3-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007

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Sample ID: **SP - 4 3-5ft.**
Sample No.: **002**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
Tetrachloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dibromochloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dibromoethane (EDB)	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,1,2-Tetrachloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Ethylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
m&p-Xylene	EPA 8260	<50	ug/kg	MQS	11/15/2007
o-Xylene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Styrene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromoform	EPA 8260	<100	ug/kg	MQS	11/15/2007
Isopropylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,2,2-Tetrachloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,3-Trichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
n-Propylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Chlorotoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,3,5-Trimethylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
4-Chlorotoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
tert-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,4-Trimethylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
sec-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
p-Isopropyltoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,3-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,4-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
n-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dibromo-3-Chloropropane	EPA 8260	<250	ug/kg	MQS	11/15/2007
1,2,4-Trichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Hexachlorobutadiene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Naphthalene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,3-Trichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	94.8	% R	MQS	11/15/2007
***Toluene-D8	EPA 8260	93.0	% R	MQS	11/15/2007
***4-Bromofluorobenzene	EPA 8260	93.9	% R	MQS	11/15/2007
Preparation	EPA 5035	1.0	CF	MQS	11/15/2007
PAHS BY GCMS	EPA 8270			CMG	11/17/2007

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Sample ID: **SP - 4 3-5ft.**
Sample No.: **002**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
Naphthalene	EPA 8270	<330	ug/kg	CMG	11/17/2007
2-Methylnaphthalene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Acenaphthylene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Acenaphthene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Fluorene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Phenanthrene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Anthracene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Pyrene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Benzo [a] Anthracene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Chrysene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Benzo [b] Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Benzo [k] Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Benzo [a] Pyrene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	CMG	11/17/2007
Surrogates:	EPA 8270				
***Nitrobenzene-D5	EPA 8270	59.1	% R	CMG	11/17/2007
***2-Fluorobiphenyl	EPA 8270	54.2	% R	CMG	11/17/2007
***P-Terphenyl-D14	EPA 8270	72.9	% R	CMG	11/17/2007
Extraction	EPA 3545	1.0	DF	TN	11/14/2007

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Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00106**

Sample ID: **SP - 5 3-5ft.** Sample No.: **003**

Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
PERCENT SOLID		68.4	%	TAJ	11/15/2007
VOLATILE ORGANICS	EPA 8260			MQS	11/15/2007
Dichlorodifluoromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chloromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Vinyl Chloride	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromomethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Trichlorofluoromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Diethylether	EPA 8260	<50	ug/kg	MQS	11/15/2007
Acetone	EPA 8260	<500	ug/kg	MQS	11/15/2007
1,1-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dichloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Methyl-Tert-Butyl-Ether	EPA 8260	<50	ug/kg	MQS	11/15/2007
trans-1,2-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1-Dichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Butanone	EPA 8260	<500	ug/kg	MQS	11/15/2007
2,2-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
cis-1,2-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Chloroform	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromochloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Tetrahydrofuran	EPA 8260	<100	ug/kg	MQS	11/15/2007
1,1,1-Trichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Carbon Tetrachloride	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Benzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Trichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromodichloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dibromomethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
4-Methyl-2-Pentanone	EPA 8260	<100	ug/kg	MQS	11/15/2007
cis-1,3-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Toluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
trans-1,3-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,2-Trichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Hexanone	EPA 8260	<100	ug/kg	MQS	11/15/2007
1,3-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007

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ANALYTICAL REPORT

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Project Name.: **500 Seneca St.-Former New Era**
Project No.: **21.0056365.00**

Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00106**

Sample ID: **SP - 5 3-5ft.**
Sample No.: **003**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
Tetrachloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dibromochloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dibromoethane (EDB)	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,1,2-Tetrachloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Ethylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
m&p-Xylene	EPA 8260	<50	ug/kg	MQS	11/15/2007
o-Xylene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Styrene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromoform	EPA 8260	<100	ug/kg	MQS	11/15/2007
Isopropylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,2,2-Tetrachloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,3-Trichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
n-Propylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Chlorotoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,3,5-Trimethylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
4-Chlorotoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
tert-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,4-Trimethylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
sec-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
p-Isopropyltoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,3-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,4-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
n-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dibromo-3-Chloropropane	EPA 8260	<250	ug/kg	MQS	11/15/2007
1,2,4-Trichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Hexachlorobutadiene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Naphthalene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,3-Trichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	97.2	% R	MQS	11/15/2007
***Toluene-D8	EPA 8260	100	% R	MQS	11/15/2007
***4-Bromofluorobenzene	EPA 8260	94.4	% R	MQS	11/15/2007
Preparation	EPA 5035	1.0	CF	MQS	11/15/2007
PAHS BY GCMS	EPA 8270			CMG	11/19/2007

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Project Name.: **500 Seneca St.-Former New Era**
Project No.: **21.0056365.00**

Date Received: **11/13/2007**
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Work Order No.: **0711-00106**

Sample ID: **SP - 5 3-5ft.**
Sample No.: **003**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
Naphthalene	EPA 8270	<330	ug/kg	CMG	11/19/2007
2-Methylnaphthalene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Acenaphthylene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Acenaphthene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Fluorene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Phenanthrene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Anthracene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Pyrene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Benzo [a] Anthracene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Chrysene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Benzo [b] Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Benzo [k] Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Benzo [a] Pyrene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	CMG	11/19/2007
Surrogates:	EPA 8270				
***Nitrobenzene-D5	EPA 8270	73.4	% R	CMG	11/19/2007
***2-Fluorobiphenyl	EPA 8270	63.6	% R	CMG	11/19/2007
***P-Terphenyl-D14	EPA 8270	88.0	% R	CMG	11/19/2007
Extraction	EPA 3545	1.0	DF	TN	11/14/2007

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Sample ID: **SP - 7 1-4ft.**
Sample No.: **004**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
PERCENT SOLID		79.6	%	TAJ	11/15/2007
POLYCHLORINATED BIPHENYLS	EPA 8082			TAJ	11/17/2007
Aroclor 1268	EPA 8082	<100	ug/kg	TAJ	11/17/2007
Aroclor 1262	EPA 8082	<100	ug/kg	TAJ	11/17/2007
Aroclor 1260	EPA 8082	<100	ug/kg	TAJ	11/17/2007
Aroclor 1254	EPA 8082	<100	ug/kg	TAJ	11/17/2007
Aroclor 1248	EPA 8082	<100	ug/kg	TAJ	11/17/2007
Aroclor 1242/1016	EPA 8082	<100	ug/kg	TAJ	11/17/2007
Aroclor 1232	EPA 8082	<100	ug/kg	TAJ	11/17/2007
Aroclor 1221	EPA 8082	<100	ug/kg	TAJ	11/17/2007
Surrogates:	EPA 8082				
***Tetrachloro-m-xylene	EPA 8082	82.7	% R	TAJ	11/17/2007
***Tetrachloro-m-xylene	EPA 8082	82.5	% R	TAJ	11/17/2007
***Decachlorobiphenyl	EPA 8082	96.7	% R	TAJ	11/17/2007
***Decachlorobiphenyl	EPA 8082	98.4	% R	TAJ	11/17/2007
Extraction	EPA 3541	1.0	DF	TN	11/14/2007

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Date Received: **11/13/2007**
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Work Order No.: **0711-00106**

Sample ID: **SP - 9 6-8ft.**
Sample No.: **005**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
PERCENT SOLID		79.9	%	TAJ	11/15/2007
VOLATILE ORGANICS	EPA 8260			MQS	11/15/2007
Dichlorodifluoromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chloromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Vinyl Chloride	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromomethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Trichlorofluoromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Diethylether	EPA 8260	<50	ug/kg	MQS	11/15/2007
Acetone	EPA 8260	<500	ug/kg	MQS	11/15/2007
1,1-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dichloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Methyl-Tert-Butyl-Ether	EPA 8260	<50	ug/kg	MQS	11/15/2007
trans-1,2-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1-Dichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Butanone	EPA 8260	<500	ug/kg	MQS	11/15/2007
2,2-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
cis-1,2-Dichloroethene	EPA 8260	1000	ug/kg	MQS	11/15/2007
Chloroform	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromochloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Tetrahydrofuran	EPA 8260	<100	ug/kg	MQS	11/15/2007
1,1,1-Trichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Carbon Tetrachloride	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Benzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Trichloroethene	EPA 8260	6000	ug/kg	MQS	11/15/2007
1,2-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromodichloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dibromomethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
4-Methyl-2-Pentanone	EPA 8260	<100	ug/kg	MQS	11/15/2007
cis-1,3-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Toluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
trans-1,3-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,2-Trichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Hexanone	EPA 8260	<100	ug/kg	MQS	11/15/2007
1,3-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007

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Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00106**

Sample ID: **SP - 9 6-8ft.** Sample No.: **005**

Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
Tetrachloroethene	EPA 8260	270000	ug/kg	MQS	11/17/2007
Dibromochloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dibromoethane (EDB)	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,1,2-Tetrachloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Ethylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
m&p-Xylene	EPA 8260	<50	ug/kg	MQS	11/15/2007
o-Xylene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Styrene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromoform	EPA 8260	<100	ug/kg	MQS	11/15/2007
Isopropylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,2,2-Tetrachloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,3-Trichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
n-Propylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Chlorotoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,3,5-Trimethylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
4-Chlorotoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
tert-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,4-Trimethylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
sec-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
p-Isopropyltoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,3-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,4-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
n-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dibromo-3-Chloropropane	EPA 8260	<250	ug/kg	MQS	11/15/2007
1,2,4-Trichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Hexachlorobutadiene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Naphthalene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,3-Trichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	106	% R	MQS	11/15/2007
***Toluene-D8	EPA 8260	118	% R	MQS	11/15/2007
***4-Bromofluorobenzene	EPA 8260	98.3	% R	MQS	11/15/2007
Preparation	EPA 5035	10	CF	MQS	11/15/2007
PAHS BY GCMS	EPA 8270			CMG	11/18/2007

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Work Order No.: **0711-00106**

Sample ID: **SP - 9 6-8ft.**
Sample No.: **005**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
Naphthalene	EPA 8270	<330	ug/kg	CMG	11/18/2007
2-Methylnaphthalene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Acenaphthylene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Acenaphthene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Fluorene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Phenanthrene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Anthracene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Pyrene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Benzo [a] Anthracene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Chrysene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Benzo [b] Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Benzo [k] Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Benzo [a] Pyrene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Surrogates:	EPA 8270				
***Nitrobenzene-D5	EPA 8270	52.9	% R	CMG	11/18/2007
***2-Fluorobiphenyl	EPA 8270	49.3	% R	CMG	11/18/2007
***P-Terphenyl-D14	EPA 8270	75.0	% R	CMG	11/18/2007
Extraction	EPA 3545	1.0	DF	TN	11/14/2007

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Work Order No.: **0711-00106**

Sample ID: **SP - 10 4-6ft.** Sample No.: **006**

Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
PERCENT SOLID		82.5	%	TAJ	11/15/2007
VOLATILE ORGANICS	EPA 8260			MQS	11/15/2007
Dichlorodifluoromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chloromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Vinyl Chloride	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromomethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Trichlorofluoromethane	EPA 8260	<100	ug/kg	MQS	11/15/2007
Diethylether	EPA 8260	<50	ug/kg	MQS	11/15/2007
Acetone	EPA 8260	<500	ug/kg	MQS	11/15/2007
1,1-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dichloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Methyl-Tert-Butyl-Ether	EPA 8260	<50	ug/kg	MQS	11/15/2007
trans-1,2-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1-Dichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Butanone	EPA 8260	<500	ug/kg	MQS	11/15/2007
2,2-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
cis-1,2-Dichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Chloroform	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromochloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Tetrahydrofuran	EPA 8260	<100	ug/kg	MQS	11/15/2007
1,1,1-Trichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Carbon Tetrachloride	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Benzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Trichloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromodichloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dibromomethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
4-Methyl-2-Pentanone	EPA 8260	<100	ug/kg	MQS	11/15/2007
cis-1,3-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Toluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
trans-1,3-Dichloropropene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,2-Trichloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
2-Hexanone	EPA 8260	<100	ug/kg	MQS	11/15/2007
1,3-Dichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

ANALYTICAL REPORT

GZA GeoEnvironmental of NY
535 Washington Street
11th Floor
Buffalo, NY 14203-1415
Michelle Wittman

Project Name.: **500 Seneca St.-Former New Era**
Project No.: **21.0056365.00**

Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00106**

Sample ID: **SP - 10 4-6ft.**
Sample No.: **006**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
Tetrachloroethene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Dibromochloromethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dibromoethane (EDB)	EPA 8260	<100	ug/kg	MQS	11/15/2007
Chlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,1,1,2-Tetrachloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Ethylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
m&p-Xylene	EPA 8260	<50	ug/kg	MQS	11/15/2007
o-Xylene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Styrene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromoform	EPA 8260	<100	ug/kg	MQS	11/15/2007
Isopropylbenzene	EPA 8260	65	ug/kg	MQS	11/15/2007
1,1,2,2-Tetrachloroethane	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,3-Trichloropropane	EPA 8260	<50	ug/kg	MQS	11/15/2007
Bromobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
n-Propylbenzene	EPA 8260	110	ug/kg	MQS	11/15/2007
2-Chlorotoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,3,5-Trimethylbenzene	EPA 8260	83	ug/kg	MQS	11/15/2007
4-Chlorotoluene	EPA 8260	<50	ug/kg	MQS	11/15/2007
tert-Butylbenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2,4-Trimethylbenzene	EPA 8260	220	ug/kg	MQS	11/15/2007
sec-Butylbenzene	EPA 8260	61	ug/kg	MQS	11/15/2007
p-Isopropyltoluene	EPA 8260	77	ug/kg	MQS	11/15/2007
1,3-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,4-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
n-Butylbenzene	EPA 8260	88	ug/kg	MQS	11/15/2007
1,2-Dichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
1,2-Dibromo-3-Chloropropane	EPA 8260	<250	ug/kg	MQS	11/15/2007
1,2,4-Trichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Hexachlorobutadiene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Naphthalene	EPA 8260	82	ug/kg	MQS	11/15/2007
1,2,3-Trichlorobenzene	EPA 8260	<50	ug/kg	MQS	11/15/2007
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	95.5	% R	MQS	11/15/2007
***Toluene-D8	EPA 8260	105	% R	MQS	11/15/2007
***4-Bromofluorobenzene	EPA 8260	94.9	% R	MQS	11/15/2007
Preparation	EPA 5035	1.0	CF	MQS	11/15/2007
PAHS BY GCMS	EPA 8270			CMG	11/18/2007

GZA GeoEnvironmental, Inc.
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ANALYTICAL REPORT

GZA GeoEnvironmental of NY
535 Washington Street
11th Floor
Buffalo, NY 14203-1415
Michelle Wittman

Project Name.: **500 Seneca St.-Former New Era**
Project No.: **21.0056365.00**

Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00106**

Sample ID: **SP - 10 4-6ft.**
Sample No.: **006**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
Naphthalene	EPA 8270	<330	ug/kg	CMG	11/18/2007
2-Methylnaphthalene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Acenaphthylene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Acenaphthene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Fluorene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Phenanthrene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Anthracene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Pyrene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Benzo [a] Anthracene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Chrysene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Benzo [b] Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Benzo [k] Fluoranthene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Benzo [a] Pyrene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	CMG	11/18/2007
Surrogates:	EPA 8270				
***Nitrobenzene-D5	EPA 8270	76.5	% R	CMG	11/18/2007
***2-Fluorobiphenyl	EPA 8270	71.1	% R	CMG	11/18/2007
***P-Terphenyl-D14	EPA 8270	74.7	% R	CMG	11/18/2007
Extraction	EPA 3545	1.0	DF	TN	11/14/2007

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

EPA Method 8260 Solid Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Analyzed:	11/15/07	
Volatile Organics	**Conc. ug/kg**	**Acceptance Limit**
dichlorodifluoromethane	< 100	< 100
chloromethane	< 100	< 100
vinyl chloride	< 50	< 50
bromomethane	< 100	< 100
chloroethane	< 50	< 50
trichlorofluoromethane	< 100	< 100
diethyl ether	< 250	< 250
acrolein	< 1300	< 1300
acetone	< 1300	< 1300
1,1-dichloroethene	< 50	< 50
FREON-113	< 100	< 100
iodomethane	< 50	< 50
carbon disulfide	< 500	< 500
dichloromethane	< 100	< 100
tert-butyl alcohol (TBA)	< 1300	< 1300
acrylonitrile	< 50	< 50
methyl-tert-butyl-ether	< 50	< 50
trans-1,2-dichloroethene	< 50	< 50
1,1-dichloroethane	< 50	< 50
di-isopropyl ether (DIPE)	< 100	< 100
ethyl tert-butyl ether (EtBE)	< 100	< 100
vinyl acetate	< 1300	< 1300
2-butanone	< 1300	< 1300
2,2-dichloropropane	< 50	< 50
cis-1,2-dichloroethene	< 50	< 50
chloroform	< 50	< 50
bromochloromethane	< 50	< 50
tetrahydrafuran	< 500	< 500
1,1,1-trichloroethane	< 50	< 50
1,1-dichloropropene	< 50	< 50
carbon tetrachloride	< 50	< 50
1,2-dichloroethane	< 50	< 50
benzene	< 50	< 50
tert-amyl methyl ether (TAME)	< 100	< 100
trichloroethene	< 50	< 50
1,2-dichloropropane	< 50	< 50
bromodichloromethane	< 50	< 50
1,4-Dioxane	< 5000	< 5000
dibromomethane	< 50	< 50
4-methyl-2-pentanone	< 1300	< 1300
cis-1,3-dichloropropene	< 50	< 50
toluene	< 50	< 50
trans-1,3-dichloropropene	< 100	< 100
1,1,2-trichloroethane	< 50	< 50
2-hexanone	< 1300	< 1300
1,3-dichloropropane	< 50	< 50
tetrachloroethene	< 50	< 50
dibromochloromethane	< 50	< 50
1,2-dibromoethane (EDB)	< 100	< 100
chlorobenzene	< 50	< 50
1,1,1,2-tetrachloroethane	< 50	< 50
ethylbenzene	< 50	< 50
1,1,2,2-tetrachloroethane	< 50	< 50
m&p-xylene	< 100	< 100
o-xylene	< 50	< 50
styrene	< 50	< 50
bromoform	< 100	< 100
isopropylbenzene	< 50	< 50
1,2,3-trichloropropane	< 50	< 50
bromobenzene	< 50	< 50
n-propylbenzene	< 50	< 50
2-chlorotoluene	< 50	< 50
1,3,5-trimethylbenzene	< 50	< 50
trans-1,4-dichloro-2-butene	< 100	< 100
4-chlorotoluene	< 50	< 50
tert-butyl-benzene	< 50	< 50
1,2,4-trimethylbenzene	< 50	< 50
sec-butyl-benzene	< 50	< 50
p-isopropyltoluene	< 50	< 50
1,3-dichlorobenzene	< 50	< 50
1,4-dichlorobenzene	< 50	< 50
n-butylbenzene	< 50	< 50
1,2-dichlorobenzene	< 50	< 50
1,2-dibromo-3-chloropropane	< 250	< 250
1,2,4-trichlorobenzene	< 50	< 50
hexachlorobutadiene	< 50	< 50
naphthalene	< 100	< 100
1,2,3-trichlorobenzene	< 50	< 50

Laboratory Control Sample

Date Analyzed:	11/15/07		
Spike Concentration = 2500ug/kg	**% Recovery**	**Acceptance Limits**	**Verdict**
dichlorodifluoromethane	133	70-130	out
chloromethane	113	70-130	ok
vinyl chloride	97.0	70-130	ok
bromomethane	69.8	70-130	out
chloroethane	71.1	70-130	ok
trichlorofluoromethane	96.4	70-130	ok
diethyl ether	86.1	70-130	ok
acrolein	115	70-130	ok
acetone	109	70-130	ok
1,1-dichloroethene	90.2	70-130	ok
FREON-113	86.3	70-130	ok
iodomethane	86.1	70-130	ok
carbon disulfide	90.7	70-130	ok
dichloromethane	90.5	70-130	ok
tert-butyl alcohol (TBA)	129	70-130	ok
acrylonitrile	110	70-130	ok
methyl-tert-butyl-ether	101	70-130	ok
trans-1,2-dichloroethene	95.1	70-130	ok
1,1-dichloroethane	104	70-130	ok
di-isopropyl ether (DIPE)	106	70-130	ok
ethyl tert-butyl ether (EtBE)	109	70-130	ok
vinyl acetate	108	70-130	ok
2-butanone	97.0	70-130	ok
2,2-dichloropropane	100	70-130	ok
cis-1,2-dichloroethene	93.5	70-130	ok
chloroform	95.0	70-130	ok
bromochloromethane	91.1	70-130	ok
tetrahydrafuran	112	70-130	ok
1,1,1-trichloroethane	105	70-130	ok
1,1-dichloropropene	103	70-130	ok
carbon tetrachloride	109	70-130	ok
1,2-dichloroethane	118	70-130	ok
benzene	96.8	70-130	ok
tert-amyl methyl ether (TAME)	104	70-130	ok
trichloroethene	95.2	70-130	ok
1,2-dichloropropane	103	70-130	ok
bromodichloromethane	99.1	70-130	ok
1,4-Dioxane	108	70-130	ok
dibromomethane	94.7	70-130	ok
4-methyl-2-pentanone	114	70-130	ok
cis-1,3-dichloropropene	104	70-130	ok
toluene	98.1	70-130	ok
trans-1,3-dichloropropene	104	70-130	ok
1,1,2-trichloroethane	104	70-130	ok
2-hexanone	120	70-130	ok
1,3-dichloropropane	103	70-130	ok
tetrachloroethene	95.0	70-130	ok
dibromochloromethane	101	70-130	ok
1,2-dibromoethane (EDB)	109	70-130	ok
chlorobenzene	102	70-130	ok
1,1,1,2-tetrachloroethane	101	70-130	ok
ethylbenzene	102	70-130	ok
1,1,2,2-tetrachloroethane	103	70-130	ok
m&p-xylene	105	70-130	ok
o-xylene	111	70-130	ok
styrene	108	70-130	ok
bromoform	111	70-130	ok
isopropylbenzene	110	70-130	ok
1,2,3-trichloropropane	115	70-130	ok
bromobenzene	99.8	70-130	ok
n-propylbenzene	107	70-130	ok
2-chlorotoluene	114	70-130	ok
1,3,5-trimethylbenzene	111	70-130	ok
trans-1,4-dichloro-2-butene	117	70-130	ok
4-chlorotoluene	110	70-130	ok
tert-butyl-benzene	105	70-130	ok
1,2,4-trimethylbenzene	110	70-130	ok
sec-butyl-benzene	108	70-130	ok
p-isopropyltoluene	108	70-130	ok
1,3-dichlorobenzene	101	70-130	ok
1,4-dichlorobenzene	101	70-130	ok
n-butylbenzene	111	70-130	ok
1,2-dichlorobenzene	98.1	70-130	ok
1,2-dibromo-3-chloropropane	117	70-130	ok
1,2,4-trichlorobenzene	108	70-130	ok
hexachlorobutadiene	105	70-130	ok
naphthalene	109	70-130	ok
1,2,3-trichlorobenzene	109	70-130	ok

SMF criteria allows 5 compounds to be outside acceptance limits

Surrogates:	Recovery (%)	Acceptance Limits
DIBROMOFLUOROMETHANE	106	70-130
1,2-DICHLOROETHANE-D4	102	70-130
TOLUENE-D8	105	70-130
4-BROMOFLUOROBENZENE	92.4	70-130
1,2-DICHLOROBENZENE-D4	89.6	70-130

Surrogates:	Recovery (%)	Acceptance Limits	Verdict
DIBROMOFLUOROMETHANE	92.6	70-130	ok
1,2-DICHLOROETHANE-D4	105	70-130	ok
TOLUENE-D8	93.5	70-130	ok
4-BROMOFLUOROBENZENE	94.9	70-130	ok
1,2-DICHLOROBENZENE-D4	93.5	70-130	ok

Instrument: HP GC/MS "S"

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

EPA Method 8260 Solid Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Analyzed:	11/17/07	
Volatile Organics	**Conc. ug/kg**	**Acceptance Limit**
dichlorodifluoromethane	< 100	< 100
chloromethane	< 100	< 100
vinyl chloride	< 50	< 50
bromomethane	< 100	< 100
chloroethane	< 50	< 50
trichlorofluoromethane	< 100	< 100
diethyl ether	< 250	< 250
acrolein	< 1300	< 1300
acetone	< 1300	< 1300
1,1-dichloroethene	< 50	< 50
FREON-113	< 100	< 100
iodomethane	< 50	< 50
carbon disulfide	< 500	< 500
dichloromethane	< 100	< 100
tert-butyl alcohol (TBA)	< 1300	< 1300
acrylonitrile	< 50	< 50
methyl-tert-butyl-ether	< 50	< 50
trans-1,2-dichloroethene	< 50	< 50
1,1-dichloroethane	< 50	< 50
di-isopropyl ether (DIPE)	< 100	< 100
ethyl tert-butyl ether (EtBE)	< 100	< 100
vinyl acetate	< 1300	< 1300
2-butanone	< 1300	< 1300
2,2-dichloropropane	< 50	< 50
cis-1,2-dichloroethene	< 50	< 50
chloroform	< 50	< 50
bromochloromethane	< 50	< 50
tetrahydrafuran	< 500	< 500
1,1,1-trichloroethane	< 50	< 50
1,1-dichloropropene	< 50	< 50
carbon tetrachloride	< 50	< 50
1,2-dichloroethane	< 50	< 50
benzene	< 50	< 50
tert-amyl methyl ether (TAME)	< 100	< 100
trichloroethene	< 50	< 50
1,2-dichloropropane	< 50	< 50
bromodichloromethane	< 50	< 50
1,4-Dioxane	< 5000	< 5000
dibromomethane	< 50	< 50
4-methyl-2-pentanone	< 1300	< 1300
cis-1,3-dichloropropene	< 50	< 50
toluene	< 50	< 50
trans-1,3-dichloropropene	< 100	< 100
1,1,2-trichloroethane	< 50	< 50
2-hexanone	< 1300	< 1300
1,3-dichloropropane	< 50	< 50
tetrachloroethene	< 50	< 50
dibromochloromethane	< 50	< 50
1,2-dibromoethane (EDB)	< 100	< 100
chlorobenzene	< 50	< 50
1,1,1,2-tetrachloroethane	< 50	< 50
ethylbenzene	< 50	< 50
1,1,2,2-tetrachloroethane	< 50	< 50
m&p-xylene	< 100	< 100
o-xylene	< 50	< 50
styrene	< 50	< 50
bromoform	< 100	< 100
isopropylbenzene	< 50	< 50
1,2,3-trichloropropane	< 50	< 50
bromobenzene	< 50	< 50
n-propylbenzene	< 50	< 50
2-chlorotoluene	< 50	< 50
1,3,5-trimethylbenzene	< 50	< 50
trans-1,4-dichloro-2-butene	< 100	< 100
4-chlorotoluene	< 50	< 50
tert-butyl-benzene	< 50	< 50
1,2,4-trimethylbenzene	< 50	< 50
sec-butyl-benzene	< 50	< 50
p-isopropyltoluene	< 50	< 50
1,3-dichlorobenzene	< 50	< 50
1,4-dichlorobenzene	< 50	< 50
n-butylbenzene	< 50	< 50
1,2-dichlorobenzene	< 50	< 50
1,2-dibromo-3-chloropropane	< 250	< 250
1,2,4-trichlorobenzene	< 50	< 50
hexachlorobutadiene	< 50	< 50
naphthalene	< 100	< 100
1,2,3-trichlorobenzene	< 50	< 50

Laboratory Control Sample

Date Analyzed:	11/17/07		
Spike Concentration = 2500ug/kg	**% Recovery**	**Acceptance Limits**	**Verdict**
dichlorodifluoromethane	139	70-130	out
chloromethane	120	70-130	ok
vinyl chloride	106	70-130	ok
bromomethane	70.4	70-130	ok
chloroethane	71.9	70-130	ok
trichlorofluoromethane	112	70-130	ok
diethyl ether	74.8	70-130	ok
acrolein	103	70-130	ok
acetone	96.2	70-130	ok
1,1-dichloroethene	98.2	70-130	ok
FREON-113	92.9	70-130	ok
iodomethane	89.1	70-130	ok
carbon disulfide	93.2	70-130	ok
dichloromethane	88.2	70-130	ok
tert-butyl alcohol (TBA)	71.6	70-130	ok
acrylonitrile	119	70-130	ok
methyl-tert-butyl-ether	84.6	70-130	ok
trans-1,2-dichloroethene	101	70-130	ok
1,1-dichloroethane	108	70-130	ok
di-isopropyl ether (DIPE)	99.7	70-130	ok
ethyl tert-butyl ether (EtBE)	94.7	70-130	ok
vinyl acetate	96.7	70-130	ok
2-butanone	76.6	70-130	ok
2,2-dichloropropane	95.6	70-130	ok
cis-1,2-dichloroethene	96.0	70-130	ok
chloroform	96.8	70-130	ok
bromochloromethane	83.8	70-130	ok
tetrahydrafuran	109	70-130	ok
1,1,1-trichloroethane	117	70-130	ok
1,1-dichloropropene	99.1	70-130	ok
carbon tetrachloride	111	70-130	ok
1,2-dichloroethane	107	70-130	ok
benzene	99.0	70-130	ok
tert-amyl methyl ether (TAME)	83.1	70-130	ok
trichloroethene	93.4	70-130	ok
1,2-dichloropropane	100	70-130	ok
bromodichloromethane	93.3	70-130	ok
1,4-Dioxane	88.8	70-130	ok
dibromomethane	85.9	70-130	ok
4-methyl-2-pentanone	90.0	70-130	ok
cis-1,3-dichloropropene	92.3	70-130	ok
toluene	101	70-130	ok
trans-1,3-dichloropropene	88.2	70-130	ok
1,1,2-trichloroethane	97.1	70-130	ok
2-hexanone	99.3	70-130	ok
1,3-dichloropropane	95.4	70-130	ok
tetrachloroethene	106	70-130	ok
dibromochloromethane	93.8	70-130	ok
1,2-dibromoethane (EDB)	103	70-130	ok
chlorobenzene	109	70-130	ok
1,1,1,2-tetrachloroethane	101	70-130	ok
ethylbenzene	113	70-130	ok
1,1,2,2-tetrachloroethane	90.7	70-130	ok
m&p-xylene	115	70-130	ok
o-xylene	114	70-130	ok
styrene	109	70-130	ok
bromoform	94.3	70-130	ok
isopropylbenzene	119	70-130	ok
1,2,3-trichloropropane	97.3	70-130	ok
bromobenzene	93.6	70-130	ok
n-propylbenzene	113	70-130	ok
2-chlorotoluene	120	70-130	ok
1,3,5-trimethylbenzene	119	70-130	ok
trans-1,4-dichloro-2-butene	104	70-130	ok
4-chlorotoluene	113	70-130	ok
tert-butyl-benzene	114	70-130	ok
1,2,4-trimethylbenzene	119	70-130	ok
sec-butyl-benzene	122	70-130	ok
p-isopropyltoluene	124	70-130	ok
1,3-dichlorobenzene	102	70-130	ok
1,4-dichlorobenzene	101	70-130	ok
n-butylbenzene	127	70-130	ok
1,2-dichlorobenzene	97.6	70-130	ok
1,2-dibromo-3-chloropropane	98.3	70-130	ok
1,2,4-trichlorobenzene	103	70-130	ok
hexachlorobutadiene	117	70-130	ok
naphthalene	93.1	70-130	ok
1,2,3-trichlorobenzene	97.9	70-130	ok

SMF criteria allows 5 compounds to be outside acceptance limits

Surrogates:	**Recovery (%)**	**Acceptance Limits**
DIBROMOFLUOROMETHANE	103	70-130
1,2-DICHLOROETHANE-D4	90.0	70-130
TOLUENE-D8	106	70-130
4-BROMOFLUOROBENZENE	92.8	70-130
1,2-DICHLOROBENZENE-D4	96.1	70-130

Surrogates:	**Recovery (%)**	**Acceptance Limits**	**Verdict**
DIBROMOFLUOROMETHANE	92.9	70-130	ok
1,2-DICHLOROETHANE-D4	101	70-130	ok
TOLUENE-D8	99.5	70-130	ok
4-BROMOFLUOROBENZENE	94.6	70-130	ok
1,2-DICHLOROBENZENE-D4	93.3	70-130	ok

Instrument: HP GC/MS "S"

GZA GEOENVIRONMENTAL, INC.
ENVIRONMENTAL CHEMISTRY LABORATORY
106 SOUTH STREET, HOPKINTON, MA 01748
MASSACHUSETTS LABORATORY I.D. NO. MA092

EPA METHOD 8082 ANALYSIS
QUALITY CONTROL SOLID

DATE EXTRACTED: 11/14/07
DATE ANALYZED: 11/17/07

METHOD BLANK POLYCHLORINATED BIPHENYLS as AROCLORS	Concentration ug/kg-PPB		Quantitation Limit ug/kg-PPB
Aroclor 1262	ND		25.0
Aroclor 1260	ND		25.0
Aroclor 1254	ND		25.0
Aroclor 1248	ND		25.0
Aroclor 1242/1016	ND		25.0
Aroclor 1232	ND		25.0
Aroclor 1221	ND		25.0
Aroclor 1268	ND		25.0
Surrogates:	**(A)**	**(B)**	
Tetrachloro-m-xylene	103	106	30-150
Decachlorobiphenyl	113	109	30-150

LABORATORY CONTROL SAMPLE (LCS)	% Recovery		Acceptance Limits
Aroclor 1016	108	129	40-140
Aroclor 1260	118	110	40-140
Surrogates:			
Tetrachloro-m-xylene	115	114	30-150
Decachlorobiphenyl	118	119	30-150

*Matrix Spike/Duplicate Spike performed as per method and reported if assigned on Chain of Custody.

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

EPA Method 8270 Solid Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Extracted:	**11/14/07**
Date Analyzed:	**11/17/07**
File Name:	**L5726**

Semi-Volatile Organics	**Result**	**Reporting Limit (ug/kg)**
naphthalene	ND	330
2-methylnaphthalene	ND	330
acenaphthylene	ND	330
acenaphthene	ND	330
fluorene	ND	330
phenanthrene	ND	330
anthracene	ND	330
fluoranthene	ND	330
pyrene	ND	330
benz [a] anthracene	ND	330
chrysene	ND	330
benzo [b] fluoranthene	ND	330
benzo [k] fluoranthene	ND	330
benzo [a] pyrene	ND	330
indeno [1,2,3-cd] pyrene	ND	330
dibenz [a,h] anthracene	ND	330
benzo [ghi] perylene	ND	330

Surrogates:	**Recovery (%)**	**Acceptance Limits**
NITROBENZENE-D5	83.2	30-130
2-FLUOROBIPHENYL	71.6	30-130
p-TERPHENYL-D14	80.1	30-130

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

EPA Method 8270 Solid Method Blank (MB) and Laboratory Control Sample (LCS) Data

Laboratory Control Sample

Date Extracted:	**11/14/07**
Date Analyzed:	**11/17/07**
File Name:	**L5727**

Spike Concentration = 20ug/L	**% Recovery**	**Acceptance Limits**	**Verdict**
naphthalene	61.7	40-140	ok
2-methylnaphthalene	62.3	40-140	ok
acenaphthylene	60.7	40-140	ok
acenaphthene	63.2	40-140	ok
fluorene	66.6	40-140	ok
phenanthrene	74.9	40-140	ok
anthracene	75.0	40-140	ok
fluoranthene	74.5	40-140	ok
pyrene	72.4	40-140	ok
benz [a] anthracene	64.0	40-140	ok
chrysene	79.8	40-140	ok
benzo [b] fluoranthene	83.9	40-140	ok
benzo [k] fluoranthene	91.0	40-140	ok
benzo [a] pyrene	90.9	40-140	ok
indeno [1,2,3-cd] pyrene	79.0	40-140	ok
dibenz [a,h] anthracene	83.3	40-140	ok
benzo [ghi] perylene	79.3	40-140	ok

CAM criteria allows 15% of analytes to exceed criteria.

Surrogates:	**Recovery (%)**	**Acceptance Limits**	**Verdict**
NITROBENZENE-D5	64.0	30-130	ok
2-FLUOROBIPHENYL	58.3	30-130	ok
p-TERPHENYL-D14	66.8	30-130	ok

CHAIN-OF-CUSTODY RECORD

W.O. # 0711-00106 (for lab use only)

Sample I.D.	Date/Time Sampled	Matrix (A=Air, S=Soil, GW=Ground W., SW=Surface W., WW=Waste W., DW=Drinking W., P=Product, Other (specify))	EPA 8260 Full List	EPA 8270 STARS	EPA 8082-PCBs	Total # of Cont.	Note #
SP-1 2-4'	11/12/07 09:00	S	X	X		2	
SP-4 3-5'	11:00	S	X	X		2	
SP-5 3-5'	11:45	S	X	X		2	
SP-7 1-4'	12:30	S			X	1	
* SP-9 6-8'	15:00	S	X	X		2	1
* SP-10 4-6'	16:45	S	X	X		2	2
SP-1	13:00	GW	X	X		4	
SP-9	1600	GW	X			3	
TEMP BLANK							

ANALYSIS REQUIRED

❑ pH ❑ Cond. | GC Methane, Ethane, Ethene | EPA 8260 Full List | EPA 8260 – 8010 List (Chlor.) | EPA 8260 – 8021 list | EPA 8021 – 8020 List (BTEX) | EPA 524.2 DW VOCs | EPA 624 WW VOCs | ❑ 601 ❑ 602 WW VOCs | EPA 8270 STARS | EPA 8270 ❑ PAH ❑ A ❑ BN | EPA 625 WW SVOCs | EPA 8082-PCBs | EPA 8081-Pest | TPH-GC (Mod. 8100) | TPH-GC w/FING. | EPH (MA DEP) | VPH (MA DEP) | Metals ❑ PPM-13 ❑ R-8 | MCP 14 Metals (MA) | Metals (List Below)** | TCLP – Specify Below | SPLP – Specify Below | EPA 300 ❑ Cl ❑ SO4 | EPA 300 ❑ NO2 ❑ NO3

PRESERVATIVE (Cl - HCl, M=Methanol, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, T-Teflon, O-Other)*

RELINQUISHED BY: (AFFILIATION)	DATE/TIME	RECEIVED BY: (AFFILIATION)
J. Davide	11/12/07 1800	UPS
UPS		
		11/13/07 1815

NOTES: (Unless otherwise noted, all samples have been refrigerated to 4° C)
*Specify "Other" preservatives and containers types in this space.
SOIL 8260 → CH_3OH Preserve
GW 8260 → CHI Preserve.
NOTE #1 OVER 9,999 PPM
#2 322 PPM

PROJECT MANAGER: M. Wittman EXT:
(716) 685-2300
GZA GeoEnvironmental, Inc.
Labaratory Division
106 South Street
Hopkinton, MA 01748
(781) 278-4700
FAX (508) 435-9912

TURNAROUND TIME: (Standard) Rush___ Days, Approved by _____ LAB USE: TEMP. OF COOLER 4.7 °C Temp Blank Cooler Air 07

GZA FILE NO: 21.0056365 TASK NO: _____ P.O. NO. _____ 11/13/07 1115 LG

PROJECT 500 SENECA ST - FORMER NEW ERA

LOCATION 500 SENECA ST, BUFFALO, NY

COLLECTOR(S) J. DAVIDE SHEET 1 OF 1

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

Laboratory Identification Numbers:
MA and ME: **MA092** NH: **2028**
CT: **PH0579** RI: **LAO00236**
NELAC - NYS DOH: **11063**

ANALYTICAL REPORT

GZA GeoEnvironmental of NY
535 Washington Street
11th Floor
Buffalo, NY 14203-1415
Michelle Wittman

Project No.: **21.0056365.00**
Work Order No.: **0711-00107**
Date Received: **11/13/2007**
Date Reported: **11/20/2007**

SAMPLE INFORMATION

Date Sampled	Matrix	Laboratory ID	Sample ID
11/12/2007	Aqueous	0711-00107 001	SP - 1
11/12/2007	Aqueous	0711-00107 002	SP - 9

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ANALYTICAL REPORT

GZA GeoEnvironmental of NY
535 Washington Street
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Michelle Wittman

Project Name.: **500 Seneca St.-Former New Era**
Project No.: **21.0056365.00**

Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00107**

PROJECT NARRATIVE:

1. Sample Receipt

The samples were received on 11/13/07 via __GZA courier, _x_UPS, __FEDEX, or ___hand delivered. The temperature of the __temperature blank/_x_cooler air, was 4.7 degrees C. The temperature requirement for most analyses is above freezing to 6 degrees C. The samples were received intact for all requested analyses.

The chain of custody indicates that the samples, when required, were chemically preserved in accordance with the method they reference.

2. EPA Method 8260 - VOCs

Attach QC 8260 11/14/07 S - Aqueous
Attach QC 8260 11/15/07 S - Aqueous

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ANALYTICAL REPORT

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Project Name.:	**500 Seneca St.-Former New Era**	Date Received:	**11/13/2007**
Project No.:	**21.0056365.00**	Date Reported:	**11/20/2007**
		Work Order No.:	**0711-00107**

Data Authorized By: _____

NELAC certification, as indicated by the NELAC Lab ID Number, is per analyte. For a complete list of NELAC validated analytes, please contact the laboratory.

Abbreviations:
% R = % Recovery
DF = Dilution Factor
DFS = Dilution Factor Solids
CF = Calculation Factor
DO = Diluted Out

Method Key:
Method 8260: The current version of the method is 8260B.
Method 8021: The current version of the method is 8021B.
Method 8270: The current version of the method is 8270C.
Method 6010: The current version of the method is 6010B.

Please note that the laboratory signed copy of the chain of custody record is an integral part of the data report.

Soil data is reported on a dry weight basis unless otherwise specified.
Matrix Spike / Matrix Spike Duplicate sets are performed as per method and are reported at the end of the analytical report if assigned on the Chain of Custody.

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ANALYTICAL REPORT

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Michelle Wittman

Project Name.: **500 Seneca St.-Former New Era**
Project No.: **21.0056365.00**

Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00107**

Sample ID: **SP - 1**
Sample No.: **001**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	11/14/2007
Dichlorodifluoromethane	EPA 8260	<20	ug/L	MQS	11/14/2007
Chloromethane	EPA 8260	<20	ug/L	MQS	11/14/2007
Vinyl Chloride	EPA 8260	<10	ug/L	MQS	11/14/2007
Bromomethane	EPA 8260	<20	ug/L	MQS	11/14/2007
Chloroethane	EPA 8260	<10	ug/L	MQS	11/14/2007
Trichlorofluoromethane	EPA 8260	<20	ug/L	MQS	11/14/2007
Diethylether	EPA 8260	<50	ug/L	MQS	11/14/2007
Acetone	EPA 8260	<250	ug/L	MQS	11/14/2007
1,1-Dichloroethene	EPA 8260	<10	ug/L	MQS	11/14/2007
Dichloromethane	EPA 8260	<20	ug/L	MQS	11/14/2007
Methyl-Tert-Butyl-Ether	EPA 8260	<10	ug/L	MQS	11/14/2007
trans-1,2-Dichloroethene	EPA 8260	<10	ug/L	MQS	11/14/2007
1,1-Dichloroethane	EPA 8260	<10	ug/L	MQS	11/14/2007
2-Butanone	EPA 8260	<250	ug/L	MQS	11/14/2007
2,2-Dichloropropane	EPA 8260	<10	ug/L	MQS	11/14/2007
cis-1,2-Dichloroethene	EPA 8260	<10	ug/L	MQS	11/14/2007
Chloroform	EPA 8260	<10	ug/L	MQS	11/14/2007
Bromochloromethane	EPA 8260	<10	ug/L	MQS	11/14/2007
Tetrahydrofuran	EPA 8260	<100	ug/L	MQS	11/14/2007
1,1,1-Trichloroethane	EPA 8260	<10	ug/L	MQS	11/14/2007
1,1-Dichloropropene	EPA 8260	<10	ug/L	MQS	11/14/2007
Carbon Tetrachloride	EPA 8260	<10	ug/L	MQS	11/14/2007
1,2-Dichloroethane	EPA 8260	<10	ug/L	MQS	11/14/2007
Benzene	EPA 8260	970	ug/L	MQS	11/14/2007
Trichloroethene	EPA 8260	<10	ug/L	MQS	11/14/2007
1,2-Dichloropropane	EPA 8260	<10	ug/L	MQS	11/14/2007
Bromodichloromethane	EPA 8260	<10	ug/L	MQS	11/14/2007
Dibromomethane	EPA 8260	<10	ug/L	MQS	11/14/2007
4-Methyl-2-Pentanone	EPA 8260	<250	ug/L	MQS	11/14/2007
cis-1,3-Dichloropropene	EPA 8260	<10	ug/L	MQS	11/14/2007
Toluene	EPA 8260	<10	ug/L	MQS	11/14/2007
trans-1,3-Dichloropropene	EPA 8260	<20	ug/L	MQS	11/14/2007
1,1,2-Trichloroethane	EPA 8260	<10	ug/L	MQS	11/14/2007
2-Hexanone	EPA 8260	<250	ug/L	MQS	11/14/2007
1,3-Dichloropropane	EPA 8260	<10	ug/L	MQS	11/14/2007
Tetrachloroethene	EPA 8260	<10	ug/L	MQS	11/14/2007

GZA GeoEnvironmental, Inc.
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ANALYTICAL REPORT

GZA GeoEnvironmental of NY
535 Washington Street
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Michelle Wittman

Project Name.: **500 Seneca St.-Former New Era**
Project No.: **21.0056365.00**

Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00107**

Sample ID: **SP - 1** Sample No.: **001**

Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
Dibromochloromethane	EPA 8260	<10	ug/L	MQS	11/14/2007
1,2-Dibromoethane (EDB)	EPA 8260	<20	ug/L	MQS	11/14/2007
Chlorobenzene	EPA 8260	<10	ug/L	MQS	11/14/2007
1,1,1,2-Tetrachloroethane	EPA 8260	<10	ug/L	MQS	11/14/2007
Ethylbenzene	EPA 8260	11	ug/L	MQS	11/14/2007
m&p-Xylene	EPA 8260	36	ug/L	MQS	11/14/2007
o-Xylene	EPA 8260	15	ug/L	MQS	11/14/2007
Styrene	EPA 8260	<10	ug/L	MQS	11/14/2007
Bromoform	EPA 8260	<20	ug/L	MQS	11/14/2007
Isopropylbenzene	EPA 8260	34	ug/L	MQS	11/14/2007
1,1,2,2-Tetrachloroethane	EPA 8260	<10	ug/L	MQS	11/14/2007
1,2,3-Trichloropropane	EPA 8260	<10	ug/L	MQS	11/14/2007
Bromobenzene	EPA 8260	<10	ug/L	MQS	11/14/2007
N-Propylbenzene	EPA 8260	75	ug/L	MQS	11/14/2007
2-Chlorotoluene	EPA 8260	<10	ug/L	MQS	11/14/2007
1,3,5-Trimethylbenzene	EPA 8260	<10	ug/L	MQS	11/14/2007
4-Chlorotoluene	EPA 8260	<10	ug/L	MQS	11/14/2007
tert-Butylbenzene	EPA 8260	<10	ug/L	MQS	11/14/2007
1,2,4-Trimethylbenzene	EPA 8260	<10	ug/L	MQS	11/14/2007
sec-Butylbenzene	EPA 8260	11	ug/L	MQS	11/14/2007
p-Isopropyltoluene	EPA 8260	<10	ug/L	MQS	11/14/2007
1,3-Dichlorobenzene	EPA 8260	<10	ug/L	MQS	11/14/2007
1,4-Dichlorobenzene	EPA 8260	<10	ug/L	MQS	11/14/2007
n-Butylbenzene	EPA 8260	11	ug/L	MQS	11/14/2007
1,2-Dichlorobenzene	EPA 8260	<10	ug/L	MQS	11/14/2007
1,2-Dibromo-3-Chloropropane	EPA 8260	<50	ug/L	MQS	11/14/2007
1,2,4-Trichlorobenzene	EPA 8260	<10	ug/L	MQS	11/14/2007
Hexachlorobutadiene	EPA 8260	<10	ug/L	MQS	11/14/2007
Naphthalene	EPA 8260	<20	ug/L	MQS	11/14/2007
1,2,3-Trichlorobenzene	EPA 8260	<10	ug/L	MQS	11/14/2007
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	108	% R	MQS	11/14/2007
***Toluene-D8	EPA 8260	119	% R	MQS	11/14/2007
***4-Bromofluorobenzene	EPA 8260	94.9	% R	MQS	11/14/2007
Preparation	EPA 5030B	10	CF	MQS	11/14/2007

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ANALYTICAL REPORT

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Michelle Wittman

Project Name.: **500 Seneca St.-Former New Era**
Project No.: **21.0056365.00**

Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00107**

Sample ID: **SP - 9**
Sample No.: **002**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	11/14/2007
Dichlorodifluoromethane	EPA 8260	<5.0	ug/L	MQS	11/14/2007
Chloromethane	EPA 8260	<5.0	ug/L	MQS	11/14/2007
Vinyl Chloride	EPA 8260	6.7	ug/L	MQS	11/14/2007
Bromomethane	EPA 8260	<5.0	ug/L	MQS	11/14/2007
Chloroethane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Trichlorofluoromethane	EPA 8260	<5.0	ug/L	MQS	11/14/2007
Diethylether	EPA 8260	<13	ug/L	MQS	11/14/2007
Acetone	EPA 8260	<63	ug/L	MQS	11/14/2007
1,1-Dichloroethene	EPA 8260	5.2	ug/L	MQS	11/14/2007
Dichloromethane	EPA 8260	<5.0	ug/L	MQS	11/14/2007
Methyl-Tert-Butyl-Ether	EPA 8260	<2.5	ug/L	MQS	11/14/2007
trans-1,2-Dichloroethene	EPA 8260	4.8	ug/L	MQS	11/14/2007
1,1-Dichloroethane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
2-Butanone	EPA 8260	<63	ug/L	MQS	11/14/2007
2,2-Dichloropropane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
cis-1,2-Dichloroethene	EPA 8260	380	ug/L	MQS	11/14/2007
Chloroform	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Bromochloromethane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Tetrahydrofuran	EPA 8260	<25	ug/L	MQS	11/14/2007
1,1,1-Trichloroethane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
1,1-Dichloropropene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Carbon Tetrachloride	EPA 8260	<2.5	ug/L	MQS	11/14/2007
1,2-Dichloroethane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Benzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Trichloroethene	EPA 8260	2100	ug/L	MQS	11/16/2007
1,2-Dichloropropane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Bromodichloromethane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Dibromomethane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
4-Methyl-2-Pentanone	EPA 8260	<63	ug/L	MQS	11/14/2007
cis-1,3-Dichloropropene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Toluene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
trans-1,3-Dichloropropene	EPA 8260	<5.0	ug/L	MQS	11/14/2007
1,1,2-Trichloroethane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
2-Hexanone	EPA 8260	<63	ug/L	MQS	11/14/2007
1,3-Dichloropropane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Tetrachloroethene	EPA 8260	20000	ug/L	MQS	11/16/2007

GZA GeoEnvironmental, Inc.
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ANALYTICAL REPORT

GZA GeoEnvironmental of NY
535 Washington Street
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Buffalo, NY 14203-1415
Michelle Wittman

Project Name.: **500 Seneca St.-Former New Era**
Project No.: **21.0056365.00**

Date Received: **11/13/2007**
Date Reported: **11/20/2007**
Work Order No.: **0711-00107**

Sample ID: **SP - 9**
Sample No.: **002**
Sample Date: **11/12/2007**

Test Performed	Method	Results	Units	Tech	Analysis Date
Dibromochloromethane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
1,2-Dibromoethane (EDB)	EPA 8260	<5.0	ug/L	MQS	11/14/2007
Chlorobenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
1,1,1,2-Tetrachloroethane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Ethylbenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
m&p-Xylene	EPA 8260	<5.0	ug/L	MQS	11/14/2007
o-Xylene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Styrene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Bromoform	EPA 8260	<5.0	ug/L	MQS	11/14/2007
Isopropylbenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
1,1,2,2-Tetrachloroethane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
1,2,3-Trichloropropane	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Bromobenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
N-Propylbenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
2-Chlorotoluene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
1,3,5-Trimethylbenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
4-Chlorotoluene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
tert-Butylbenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
1,2,4-Trimethylbenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
sec-Butylbenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
p-Isopropyltoluene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
1,3-Dichlorobenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
1,4-Dichlorobenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
n-Butylbenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
1,2-Dichlorobenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
1,2-Dibromo-3-Chloropropane	EPA 8260	<13	ug/L	MQS	11/14/2007
1,2,4-Trichlorobenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Hexachlorobutadiene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Naphthalene	EPA 8260	<5.0	ug/L	MQS	11/14/2007
1,2,3-Trichlorobenzene	EPA 8260	<2.5	ug/L	MQS	11/14/2007
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	96.5	% R	MQS	11/14/2007
***Toluene-D8	EPA 8260	92.3	% R	MQS	11/14/2007
***4-Bromofluorobenzene	EPA 8260	97.8	% R	MQS	11/14/2007
Preparation	EPA 5030B	2.5	CF	MQS	11/14/2007

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

EPA Method 8260 / 524.2 Aqueous Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Analyzed:	11/14/07	
Volatile Organics	**Conc. ug/L**	**Acceptance Limit**
dichlorodifluoromethane	< 1.0	< 1.0
chloromethane	< 1.0	< 1.0
vinyl chloride	< 0.5	< 0.5
bromomethane	< 1.0	< 1.0
chloroethane	< 0.5	< 0.5
trichlorofluoromethane	< 1.0	< 1.0
diethyl ether	< 2.5	< 2.5
acrolein	< 13	< 13
acetone	< 13	< 13
1,1-dichloroethene	< 0.5	< 0.5
FREON-113	< 1.0	< 1.0
iodomethane	< 0.5	< 0.5
carbon disulfide	< 5.0	< 5.0
dichloromethane	< 1.0	< 1.0
tert-butyl alcohol (TBA)	< 13	< 13
acrylonitrile	< 0.5	< 0.5
methyl-tert-butyl-ether	< 0.5	< 0.5
trans-1,2-dichloroethene	< 0.5	< 0.5
1,1-dichloroethane	< 0.5	< 0.5
di-isopropyl ether (DIPE)	< 1.0	< 1.0
ethyl tert-butyl ether (EtBE)	< 1.0	< 1.0
vinyl acetate	< 13	< 13
2-butanone	< 13	< 13
2,2-dichloropropane	< 0.5	< 0.5
cis-1,2-dichloroethene	< 0.5	< 0.5
chloroform	< 0.5	< 0.5
bromochloromethane	< 0.5	< 0.5
tetrahydrafuran	< 5.0	< 5.0
1,1,1-trichloroethane	< 0.5	< 0.5
1,1-dichloropropene	< 0.5	< 0.5
carbon tetrachloride	< 0.5	< 0.5
1,2-dichloroethane	< 0.5	< 0.5
benzene	< 0.5	< 0.5
tert-amyl methyl ether (TAME)	< 1.0	< 1.0
trichloroethene	< 0.5	< 0.5
1,2-dichloropropane	< 0.5	< 0.5
bromodichloromethane	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50
dibromomethane	< 0.5	< 0.5
4-methyl-2-pentanone	< 13	< 13
cis-1,3-dichloropropene	< 0.5	< 0.5
toluene	< 0.5	< 0.5
trans-1,3-dichloropropene	< 1.0	< 1.0
1,1,2-trichloroethane	< 0.5	< 0.5
2-hexanone	< 13	< 13
1,3-dichloropropane	< 0.5	< 0.5
tetrachloroethene	< 0.5	< 0.5
dibromochloromethane	< 0.5	< 0.5
1,2-dibromoethane (EDB)	< 1.0	< 1.0
chlorobenzene	< 0.5	< 0.5
1,1,1,2-tetrachloroethane	< 0.5	< 0.5
ethylbenzene	< 0.5	< 0.5
1,1,2,2-tetrachloroethane	< 0.5	< 0.5
m&p-xylene	< 1.0	< 1.0
o-xylene	< 0.5	< 0.5
styrene	< 0.5	< 0.5
bromoform	< 1.0	< 1.0
isopropylbenzene	< 0.5	< 0.5
1,2,3-trichloropropane	< 0.5	< 0.5
bromobenzene	< 0.5	< 0.5
n-propylbenzene	< 0.5	< 0.5
2-chlorotoluene	< 0.5	< 0.5
1,3,5-trimethylbenzene	< 0.5	< 0.5
trans-1,4-dichloro-2-butene	< 1.0	< 1.0
4-chlorotoluene	< 0.5	< 0.5
tert-butyl-benzene	< 0.5	< 0.5
1,2,4-trimethylbenzene	< 0.5	< 0.5
sec-butyl-benzene	< 0.5	< 0.5
p-isopropyltoluene	< 0.5	< 0.5
1,3-dichlorobenzene	< 0.5	< 0.5
1,4-dichlorobenzene	< 0.5	< 0.5
n-butylbenzene	< 0.5	< 0.5
1,2-dichlorobenzene	< 0.5	< 0.5
1,2-dibromo-3-chloropropane	< 2.5	< 2.5
1,2,4-trichlorobenzene	< 0.5	< 0.5
hexachlorobutadiene	< 0.5	< 0.5
naphthalene	< 1.0	< 1.0
1,2,3-trichlorobenzene	< 0.5	< 0.5

Laboratory Control Sample

Date Analyzed:	11/14/07		
Spike Concentration = 20ug/L	**% Recovery**	**Acceptance Limits**	**Verdict**
dichlorodifluoromethane	156	70-130	out
chloromethane	132	70-130	out
vinyl chloride	122	70-130	ok
bromomethane	105	70-130	ok
chloroethane	113	70-130	ok
trichlorofluoromethane	139	70-130	out
diethyl ether	107	70-130	ok
acrolein	134	70-130	out
acetone	115	70-130	ok
1,1-dichloroethene	110	70-130	ok
FREON-113	105	70-130	ok
iodomethane	102	70-130	ok
carbon disulfide	107	70-130	ok
dichloromethane	102	70-130	ok
tert-butyl alcohol (TBA)	123	70-130	ok
acrylonitrile	126	70-130	ok
methyl-tert-butyl-ether	111	70-130	ok
trans-1,2-dichloroethene	108	70-130	ok
1,1-dichloroethane	117	70-130	ok
di-isopropyl ether (DIPE)	118	70-130	ok
ethyl tert-butyl ether (EtBE)	121	70-130	ok
vinyl acetate	119	70-130	ok
2-butanone	101	70-130	ok
2,2-dichloropropane	121	70-130	ok
cis-1,2-dichloroethene	104	70-130	ok
chloroform	107	70-130	ok
bromochloromethane	99.8	70-130	ok
tetrahydrafuran	124	70-130	ok
1,1,1-trichloroethane	119	70-130	ok
1,1-dichloropropene	107	70-130	ok
carbon tetrachloride	118	70-130	ok
1,2-dichloroethane	119	70-130	ok
benzene	94.7	70-130	ok
tert-amyl methyl ether (TAME)	93.7	70-130	ok
trichloroethene	105	70-130	ok
1,2-dichloropropane	114	70-130	ok
bromodichloromethane	110	70-130	ok
1,4-Dioxane	119	70-130	ok
dibromomethane	105	70-130	ok
4-methyl-2-pentanone	123	70-130	ok
cis-1,3-dichloropropene	116	70-130	ok
toluene	112	70-130	ok
trans-1,3-dichloropropene	116	70-130	ok
1,1,2-trichloroethane	104	70-130	ok
2-hexanone	115	70-130	ok
1,3-dichloropropane	102	70-130	ok
tetrachloroethene	97.0	70-130	ok
dibromochloromethane	100	70-130	ok
1,2-dibromoethane (EDB)	108	70-130	ok
chlorobenzene	104	70-130	ok
1,1,1,2-tetrachloroethane	103	70-130	ok
ethylbenzene	105	70-130	ok
1,1,2,2-tetrachloroethane	104	70-130	ok
m&p-xylene	107	70-130	ok
o-xylene	108	70-130	ok
styrene	105	70-130	ok
bromoform	107	70-130	ok
isopropylbenzene	108	70-130	ok
1,2,3-trichloropropane	112	70-130	ok
bromobenzene	96.4	70-130	ok
n-propylbenzene	107	70-130	ok
2-chlorotoluene	111	70-130	ok
1,3,5-trimethylbenzene	111	70-130	ok
trans-1,4-dichloro-2-butene	116	70-130	ok
4-chlorotoluene	110	70-130	ok
tert-butyl-benzene	109	70-130	ok
1,2,4-trimethylbenzene	115	70-130	ok
sec-butyl-benzene	115	70-130	ok
p-isopropyltoluene	116	70-130	ok
1,3-dichlorobenzene	108	70-130	ok
1,4-dichlorobenzene	105	70-130	ok
n-butylbenzene	116	70-130	ok
1,2-dichlorobenzene	104	70-130	ok
1,2-dibromo-3-chloropropane	118	70-130	ok
1,2,4-trichlorobenzene	107	70-130	ok
hexachlorobutadiene	107	70-130	ok
naphthalene	106	70-130	ok
1,2,3-trichlorobenzene	105	70-130	ok

SMF criteria allows 5 compounds to be outside acceptance limits

Surrogates:	Recovery (%)	Acceptance Limits
DIBROMOFLUOROMETHANE	104	70-130
1,2-DICHLOROETHANE-D4	90.7	70-130
TOLUENE-D8	105	70-130
4-BROMOFLUOROBENZENE	93.4	70-130
1,2-DICHLOROBENZENE-D4	97.6	70-130

Surrogates:	Recovery (%)	Acceptance Limits	Verdict
DIBROMOFLUOROMETHANE	104	70-130	ok
1,2-DICHLOROETHANE-D4	104	70-130	ok
TOLUENE-D8	108	70-130	ok
4-BROMOFLUOROBENZENE	94.2	70-130	ok
1,2-DICHLOROBENZENE-D4	99.9	70-130	ok

Instrument: HP GC/MS "S"

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

EPA Method 8260 / 524.2 Aqueous Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Analyzed:	11/15/07	
Volatile Organics	**Conc. ug/L**	**Acceptance Limit**
dichlorodifluoromethane	< 1.0	< 1.0
chloromethane	< 1.0	< 1.0
vinyl chloride	< 0.5	< 0.5
bromomethane	< 1.0	< 1.0
chloroethane	< 0.5	< 0.5
trichlorofluoromethane	< 1.0	< 1.0
diethyl ether	< 2.5	< 2.5
acrolein	< 13	< 13
acetone	< 13	< 13
1,1-dichloroethene	< 0.5	< 0.5
FREON-113	< 1.0	< 1.0
iodomethane	< 0.5	< 0.5
carbon disulfide	< 5.0	< 5.0
dichloromethane	< 1.0	< 1.0
tert-butyl alcohol (TBA)	< 13	< 13
acrylonitrile	< 0.5	< 0.5
methyl-tert-butyl-ether	< 0.5	< 0.5
trans-1,2-dichloroethene	< 0.5	< 0.5
1,1-dichloroethane	< 0.5	< 0.5
di-isopropyl ether (DIPE)	< 1.0	< 1.0
ethyl tert-butyl ether (EtBE)	< 1.0	< 1.0
vinyl acetate	< 13	< 13
2-butanone	< 13	< 13
2,2-dichloropropane	< 0.5	< 0.5
cis-1,2-dichloroethene	< 0.5	< 0.5
chloroform	< 0.5	< 0.5
bromochloromethane	< 0.5	< 0.5
tetrahydrafuran	< 5.0	< 5.0
1,1,1-trichloroethane	< 0.5	< 0.5
1,1-dichloropropene	< 0.5	< 0.5
carbon tetrachloride	< 0.5	< 0.5
1,2-dichloroethane	< 0.5	< 0.5
benzene	< 0.5	< 0.5
tert-amyl methyl ether (TAME)	< 1.0	< 1.0
trichloroethene	< 0.5	< 0.5
1,2-dichloropropane	< 0.5	< 0.5
bromodichloromethane	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50
dibromomethane	< 0.5	< 0.5
4-methyl-2-pentanone	< 13	< 13
cis-1,3-dichloropropene	< 0.5	< 0.5
toluene	< 0.5	< 0.5
trans-1,3-dichloropropene	< 1.0	< 1.0
1,1,2-trichloroethane	< 0.5	< 0.5
2-hexanone	< 13	< 13
1,3-dichloropropane	< 0.5	< 0.5
tetrachloroethene	< 0.5	< 0.5
dibromochloromethane	< 0.5	< 0.5
1,2-dibromoethane (EDB)	< 1.0	< 1.0
chlorobenzene	< 0.5	< 0.5
1,1,1,2-tetrachloroethane	< 0.5	< 0.5
ethylbenzene	< 0.5	< 0.5
1,1,2,2-tetrachloroethane	< 0.5	< 0.5
m&p-xylene	< 1.0	< 1.0
o-xylene	< 0.5	< 0.5
styrene	< 0.5	< 0.5
bromoform	< 1.0	< 1.0
isopropylbenzene	< 0.5	< 0.5
1,2,3-trichloropropane	< 0.5	< 0.5
bromobenzene	< 0.5	< 0.5
n-propylbenzene	< 0.5	< 0.5
2-chlorotoluene	< 0.5	< 0.5
1,3,5-trimethylbenzene	< 0.5	< 0.5
trans-1,4-dichloro-2-butene	< 1.0	< 1.0
4-chlorotoluene	< 0.5	< 0.5
tert-butyl-benzene	< 0.5	< 0.5
1,2,4-trimethylbenzene	< 0.5	< 0.5
sec-butyl-benzene	< 0.5	< 0.5
p-isopropyltoluene	< 0.5	< 0.5
1,3-dichlorobenzene	< 0.5	< 0.5
1,4-dichlorobenzene	< 0.5	< 0.5
n-butylbenzene	< 0.5	< 0.5
1,2-dichlorobenzene	< 0.5	< 0.5
1,2-dibromo-3-chloropropane	< 2.5	< 2.5
1,2,4-trichlorobenzene	< 0.5	< 0.5
hexachlorobutadiene	< 0.5	< 0.5
naphthalene	< 1.0	< 1.0
1,2,3-trichlorobenzene	< 0.5	< 0.5

Laboratory Control Sample

Date Analyzed:	11/15/07		
Spike Concentration = 20ug/L	**% Recovery**	**Acceptance Limits**	**Verdict**
dichlorodifluoromethane	139	70-130	out
chloromethane	117	70-130	ok
vinyl chloride	107	70-130	ok
bromomethane	93.0	70-130	ok
chloroethane	99.8	70-130	ok
trichlorofluoromethane	127	70-130	ok
diethyl ether	96.7	70-130	ok
acrolein	131	70-130	out
acetone	113	70-130	ok
1,1-dichloroethene	102	70-130	ok
FREON-113	96.6	70-130	ok
iodomethane	93.6	70-130	ok
carbon disulfide	96.2	70-130	ok
dichloromethane	94.1	70-130	ok
tert-butyl alcohol (TBA)	116	70-130	ok
acrylonitrile	117	70-130	ok
methyl-tert-butyl-ether	105	70-130	ok
trans-1,2-dichloroethene	99.8	70-130	ok
1,1-dichloroethane	108	70-130	ok
di-isopropyl ether (DIPE)	108	70-130	ok
ethyl tert-butyl ether (EtBE)	110	70-130	ok
vinyl acetate	108	70-130	ok
2-butanone	91.3	70-130	ok
2,2-dichloropropane	95.4	70-130	ok
cis-1,2-dichloroethene	96.9	70-130	ok
chloroform	98.6	70-130	ok
bromochloromethane	93.4	70-130	ok
tetrahydrafuran	122	70-130	ok
1,1,1-trichloroethane	111	70-130	ok
1,1-dichloropropene	106	70-130	ok
carbon tetrachloride	116	70-130	ok
1,2-dichloroethane	121	70-130	ok
benzene	98.0	70-130	ok
tert-amyl methyl ether (TAME)	98.7	70-130	ok
trichloroethene	91.5	70-130	ok
1,2-dichloropropane	97.2	70-130	ok
bromodichloromethane	98.2	70-130	ok
1,4-Dioxane	97.1	70-130	ok
dibromomethane	90.0	70-130	ok
4-methyl-2-pentanone	111	70-130	ok
cis-1,3-dichloropropene	104	70-130	ok
toluene	103	70-130	ok
trans-1,3-dichloropropene	103	70-130	ok
1,1,2-trichloroethane	104	70-130	ok
2-hexanone	115	70-130	ok
1,3-dichloropropane	104	70-130	ok
tetrachloroethene	97.8	70-130	ok
dibromochloromethane	102	70-130	ok
1,2-dibromoethane (EDB)	111	70-130	ok
chlorobenzene	107	70-130	ok
1,1,1,2-tetrachloroethane	105	70-130	ok
ethylbenzene	107	70-130	ok
1,1,2,2-tetrachloroethane	105	70-130	ok
m&p-xylene	108	70-130	ok
o-xylene	109	70-130	ok
styrene	107	70-130	ok
bromoform	108	70-130	ok
isopropylbenzene	112	70-130	ok
1,2,3-trichloropropane	109	70-130	ok
bromobenzene	98.1	70-130	ok
n-propylbenzene	109	70-130	ok
2-chlorotoluene	109	70-130	ok
1,3,5-trimethylbenzene	113	70-130	ok
trans-1,4-dichloro-2-butene	112	70-130	ok
4-chlorotoluene	110	70-130	ok
tert-butyl-benzene	109	70-130	ok
1,2,4-trimethylbenzene	113	70-130	ok
sec-butyl-benzene	111	70-130	ok
p-isopropyltoluene	111	70-130	ok
1,3-dichlorobenzene	102	70-130	ok
1,4-dichlorobenzene	99.8	70-130	ok
n-butylbenzene	112	70-130	ok
1,2-dichlorobenzene	101	70-130	ok
1,2-dibromo-3-chloropropane	118	70-130	ok
1,2,4-trichlorobenzene	107	70-130	ok
hexachlorobutadiene	106	70-130	ok
naphthalene	106	70-130	ok
1,2,3-trichlorobenzene	108	70-130	ok

SMF criteria allows 5 compounds to be outside acceptance limits

Surrogates:	Recovery (%)	Acceptance Limits
DIBROMOFLUOROMETHANE	124	70-130
1,2-DICHLOROETHANE-D4	108	70-130
TOLUENE-D8	122	70-130
4-BROMOFLUOROBENZENE	93.3	70-130
1,2-DICHLOROBENZENE-D4	95.8	70-130

Surrogates:	Recovery (%)	Acceptance Limits	Verdict
DIBROMOFLUOROMETHANE	97.9	70-130	ok
1,2-DICHLOROETHANE-D4	108	70-130	ok
TOLUENE-D8	99.7	70-130	ok
4-BROMOFLUOROBENZENE	98.0	70-130	ok
1,2-DICHLOROBENZENE-D4	98.8	70-130	ok

Instrument: HP GC/MS "S"

CHAIN-OF-CUSTODY RECORD

GW

W.O. # 0711-00107 (for lab use only)

Sample I.D.	Date/Time Sampled	Matrix (A=Air, S=Soil, GW=Ground W., SW=Surface W., WW=Waste W., DW=Drinking W., P=Product, Other (specify))	ANALYSIS REQUIRED: ☐ pH ☐ Cond.	GC Methane, Ethane, Ethene	EPA 8260 Full List	EPA 8260 – 8010 List (Chlor.)	EPA 8260 – 8021 list	EPA 8021 – 8020 List (BTEX)	EPA 524.2 DW VOCs	EPA 624 WW VOCs	☐ 601 ☐ 602 WW VOCs	EPA 8270 STARS	EPA 8270 ☐ PAH ☐ A ☐ BN	EPA 625 WW SVOCs	EPA 8082–PCBs	EPA 8081–Pest	TPH–GC (Mod. 8100)	TPH–GC w/FING.	EPH (MA DEP)	VPH (MA DEP)	Metals ☐ PPM–13 ☐ R-8	MCP 14 Metals (MA)	Metals (List Below)**	TCLP – Specify Below	SPLP – Specify Below	EPA 300 ☐ Cl ☐ SO4	EPA 300 ☐ NO2 ☐ NO3	Total # of Cont.	Note #
SP-1 2-4'	11/12/07 09:00	S			X							X																2	
SP-4 3-5'	11:00	S			X							X																2	
SP-5 3-5'	11:45	S			X							X																2	
SP-7 1-4'	12:30	S													X													1	
* SP-9 6-8'	15:00	S			X							X																2	1
* SP-10 4-6'	15:45	S			X							X																2	2
* SP-1	13:00	GW			X							X																4	*
* SP-9	1600	GW			X																							3	*
TEMP BLANK																													

PRESERVATIVE (Cl - HCl, M=Methanol, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, T-Teflon, O-Other)*

RELINQUISHED BY: (AFFILIATION)	DATE/TIME	RECEIVED BY: (AFFILIATION)
J. Davide	11/12/07 1800	UPS
UPS		

NOTES: (Unless otherwise noted, all samples have been refrigerated to 4° C)
*Specify "Other" preservatives and containers types in this space.

Soil 8260 → CH_3OH Preserve
GW 8260 → CHl Preserve.
NOTE #1 OVER 9,999 PPM
#2 322 PPM

PROJECT MANAGER: M. Wittman EXT:
(716) 685-2300
GZA GeoEnvironmental, Inc.
Labaratory Division
106 South Street
Hopkinton, MA 01748
(781) 278-4700
FAX (508) 435-9912

TURNAROUND TIME: (Standard) Rush ___ Days, Approved by ___ LAB USE: TEMP. OF COOLER 4.7 °C Temp Blank Cooler Air 0707

GZA FILE NO: 21.0056365 TASK NO: ___ P.O. NO. ___ 11/13/07 1115 LG

PROJECT 500 SENECA ST - FORMER NEW ERA

LOCATION 500 SENECA ST, BUFFALO, NY

COLLECTOR(S) J. DAVIDE SHEET 1 OF 1

HAZARD EVALUATIONS

HAZARD EVALUATIONS, INC. • 3836 N. BUFFALO ROAD • ORCHARD PARK, NEW YORK 14127
716-667-3130 • FAX 716-667-3156

January 28, 2008

New Era Cap Company, Inc.
c/o Michael C. Murphy, Esq.
Phillips Lytle LLP
3400 HSBC Center
Buffalo, New York 14203

Re: **Summary Report; USTs Removal and Excavation Report**
500 Seneca Street, Buffalo, New York
NYSDEC Spill # 0751217

Dear Mr. Murphy:

In accordance with an agreement between New Era Cap Company, Inc. ("Client") and Hazard Evaluations, Inc. (HEI), HEI completed activities at the above-referenced (subject) site related to the closure of two underground gasoline storage tanks (USTs; one 2,000-gallon and one 500-gallon), the management of fluids related to the UST removals, and the remediation of impacted soil encountered. A summary of the remedial activities completed at the subject site is provided below.

UST Removals

Prior to the initiation of any field activities, HEI: 1) Requested the locations of underground utilities in the vicinity of the subject site; 2) Notified the New York State Department of Environmental Conservation (NYSDEC) regarding these UST removals; and 3) Obtained a proper building permit from the City of Buffalo. Subsequently, on December 13, 2007, HEI retained Frank's Vacuum Truck Services to remove the remaining fluids in the existing USTs. A total of 1,650 gallons of non-hazardous petroleum/water mixture was removed from the USTs and transported off-site to an appropriate facility for disposal (Refer to Attachment 1; Waste Disposal Receipts).

A tracked excavator was then used to remove soil from above and around the USTs to allow their removal. Clean overburden material was stockpiled on-site for later use as backfill after confirmatory sampling/analysis). HEI observed that soil in the immediate vicinity of the 500-gallon UST exhibited petroleum odors and staining. As a result, HEI reported the apparent petroleum release to the NYSDEC, and Spill # 0751217 was issued to the subject site. Readily accessible, visually impacted soil was removed from the 500-gallon UST excavation and staged on polyethylene sheeting in an on-site location within the fenced work area. Once the soil/fill material in the immediate area of the 500-gallon UST was removed, apparent native soils consisting of very dense clay and silt were encountered at a depth of approximately eight feet below grade (bg). The extent of the 500-gallon UST excavation to the East and North was limited due to the presence of the facility structure and the adjacent

street (Myrtle Avenue), respectively. It should be noted that Mr. John Otto of the NYSDEC visited the site and observed the 500-gallon UST excavation prior to backfilling.

Please Note: No soil staining, petroleum odors or other visible evidence of impacted soil was observed in the immediate vicinity of the 2000-gallon UST. Also, no groundwater was observed in either UST excavation.

Upon the removal of the USTs from their excavations, they were placed on polyethylene sheeting. The 2,000-gallon UST was observed to be in excellent condition, while the 500-gallon tank exhibited several holes in its surface, apparently due to corrosion. The atmospheres in both tanks were rendered safe through the use of Nitrogen gas, and the tanks were cut open for cleaning. Residues from the interior surfaces of the USTs were evacuated using the vacuum truck. The cleaned USTs and associated piping were removed from the site and transported to a scrap yard for recycling. The 'clean tank' certificate is presented in Attachment 1.

A total of seven subsurface soil post-excavation verification samples were collected for laboratory analysis, including one from each of the sidewalls of the 500-gallon UST excavation, one from the floor of the 500-gallon UST excavation, one from the floor of the 2,000-gallon UST excavation and one from the pump island and piping area. The soil samples were placed in sampling bags and screened for the presence of VOCs utilizing a photoionization detector (PID). The East and North wall samples exhibited elevated PID readings (22,323 ppb and 1,639 ppb, respectively); however, as noted above, further soil excavation could not be performed due to the presence of the on-site building and the adjacent street. Each of these soil samples was submitted to a NYSDEC-certified laboratory for analysis using USEPA Method 8260 (VOCs; STARS list). Following the post-excavation soil sampling, the excavation was backfilled with clean fill material from an off-site source, which was compacted using the excavator bucket. Attachment 2 presents HEI's field notes.

Impacted Soil Disposal

A composite sample of the stockpiled impacted soil removed from the 500-gallon tank excavation was collected and submitted for laboratory analysis for Toxicity Characteristic Leaching Procedure (TCLP) Benzene, TCLP Lead, Total Petroleum Hydrocarbons (TPH), pH and Ignitability, as required by the disposal facility. This stockpiled contaminated soil was approved for disposal at the Tonawanda Landfill by Ensol, Inc. (NYSDEC Facility #15S29). On January 9, 2008, this stockpiled soil was loaded onto dump trucks and transported to the landfill for disposal. A total of 44.58 tons of impacted soil was removed from the site (Attachment 1).

Post-Excavation Verification Sampling Results

The post-excavation soil sample laboratory analytical results (Table 1, Attachment 3) revealed the presence of target VOCs parameters at concentrations exceeding method detection limits (MDLs) in five of the seven samples submitted; however, only the East Wall and Excavation Floor samples for the 500-gallon UST

exhibited parameters at concentrations exceeding the applicable NYSDEC Recommended Soil Cleanup Objectives (RSCOs) as published in Technical and Administrative Guidance Memorandum (TAGM) #4046. It should be noted that the Excavation Floor sample had only one parameter (Benzene) exceeding its applicable RSCO, and that sample consisted of native clay, exhibited a relatively low PID headspace screening result (56 ppm), and was observed by Mr. John Otto, the NYSDEC representative, who indicated on-site that the extent of excavation appeared to be adequate.

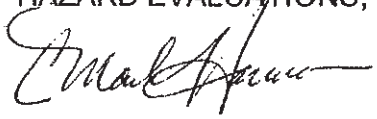
No elevated concentrations of target VOCs above MDLs were detected in the soil sample collected from the floor of the 2,000-gallon UST excavation. The Laboratory Analytical Report is presented in Attachment 4.

CONCLUSIONS

Based on the remedial activities performed and the post-excavation verification soil sample laboratory analytical results, HEI suggests that this site is eligible to be granted an "inactive" status on the NYSDEC Spills Database with no further remedial activities being required at this time. Field observations and post-excavation sampling results indicate that there were no petroleum releases from the 2,000-gallon UST. Although the post-excavation samples indicate that residual VOCs contamination remains within the soil profile in both the eastern wall and floor of the 500-gallon UST excavation, HEI does not recommend additional remedial action. Additional excavation of soils in the eastern wall of the 500-gallon UST excavation would be impracticable due to the potential impact on the stability of the foundation of the building at the subject site, which is immediately adjacent to this excavation. Moreover, based on the dense nature of the clay and silt that comprises the soil profile encountered on the floor of the 500-gallon UST excavation, it appears that there is a low probability for the residual contamination to impact the underlying groundwater table.

The information presented above should adequately summarize HEI's remedial efforts at the subject site. Upon written Client authorization, HEI will prepare both a copy of this report and a cover letter requesting site inactivation which will be submitted to the NYSDEC for review. If you have any questions regarding the content of this letter report or its attachments, please contact me directly.

Very truly yours,
HAZARD EVALUATIONS, INC.



C. Mark Hanna, CHMM
President

Attachments
25901\NewEra\500Seneca USTremed Rpt 012808

Attachment 1

Waste Disposal Receipts

FRANK'S VACUUM TRUCK SERVICE, INC.
4500 Royal Avenue • Niagara Falls, New York 14303
(716) 284-2132

NYDEC #8A-332
EPA ID # NYD982728814

101463

DATE 12/13/2007

DELIVERY

NEW ERA CAP COMPANY
169 SENECA ST
BUFFALO, NY
CONTACT NAME: ROB HIMES 716-[illegible]
SCHEDULED TIME: 12/13/2007 08:00
ADDITIONAL INFORMATION

Industrial oil
STREET: 139 day rd
CITY: Orchard Park, NY STATE ZIP CODE
CONTACT NAME: john 315-736-9080
SCHEDULED TIME: 12/13/2007

GASOLINE MIXTURE, 3, UN1203, PG II

CUSTOMER P.O. NO.
WORK ORDER NUMBER
BILLING REFERENCE: BUFFALO, NY
LOAD NUMBER: 101463
TRACTOR NUMBER: 23
TRAILER NUMBER: [illegible]
DRIVER'S NAME: ROCKS

NUMBER & TYPES	WEIGHT OR VOLUME	HAZ. MAT.	DESCRIPTION
Tk	1650		RQ Gasoline Mixture 3 UN1203 PG II

Received 12-14-07

TYPE (CIRCLE ONE)
TANK (S/S) (P/L)
VAC
DUMP
VAN
ROLL-OFF
FLATBED

PLACARDS PROVIDED OR AFFIXED
1203

SHIPPER'S CHECK LIST
- DOT LABELS APPLIED AND SECURE
- DOT AUTHORIZED CONTAINER
- PROPER DOT NAME ON ALL PACKAGES
- CHECKED FOR SPILLS AND LEAKS

WHEN STOP QUANTITY RELEASE TO THE ENVIRONMENT, IMMEDIATELY NOTIFY NAT. RESPONSE CENTER - 800-424-8802 AND 911, EMERGENCY SYSTEM OR LOCAL OPERATOR

EMERGENCY RESPONSE PHONE NUMBER:

ARRIVAL DATE 12-13-07
ARRIVAL TIME 8:00 PM RELEASE TIME 2:00 PM
TRAILER EMPTY UPON ARRIVAL [X] YES [ ] NO
(If not, explain below)
TRIP MEASUREMENT (Tanks Only) [illegible] INCHES
COMMENTS: (EXPLAIN ALL DELAYS) NO
Vac out funds

SHIPPER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

SHIPPER'S SIGNATURE
TITLE Dr

DRIVER Sandy DATE 12-14
ARRIVAL TIME 3:00 PM RELEASE TIME 8:00 AM
TRAILER EMPTY UPON DEPARTURE [ ] YES [ ] NO
(If not, explain below)
COMMENTS: (EXPLAIN ALL DELAYS)

I/WE THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.
X
CONSIGNEE'S SIGNATURE

HAZARD EVALUATIONS, INC.
3836 N. Buffalo Road
Orchard Park, New York 14127
(716) 667-3130; (716) 667-3156 FAX

TANK CLEAN CERTIFICATE

To whom it may concern: the following tank(s) have been cleaned per all applicable local, state and federal regulations (NYSDEC, USEPA and OSHA).

Date: 12/13/07

	Tank Size (gal)	Type	Product	UST/AST
1.	500	Steel	Gasoline	UST
2.	2,000	Steel	Gasoline	UST
3.				
4.				
5.				
6.				
7.				
8.				
9.				

Owner's Name and Address:

New Era Cap Company, Inc.
500 Seneca Street
Buffalo, NY

Contractor's Name and Address:

Hazard Evaluations Inc.
3836 N. Buffalo Rd
Orchard Park, NY 14127

HEI's Supervisor's signature: Mark Homa President

CARMEN M. PARISO, INC.

3649 RIVER ROAD
TONAWANDA, NEW YORK 14150
OFFICE: (716) 875-6168 FAX: (716) 875-4121
SCALE: (716) 875-0902

TANDEMS **TRI-AXLES** **DUMP TRAILERS**

VARIETY OF PRODUCTS AVAILABLE FROM OUR STOCKPILES

CUSTOMER #

TICKET # P 81855

CUSTOMER NAME

DATE

TIME

DELIVERED

JOB #

PICKED UP

SHIP TO

CUSTOMER P.O. #

GROSS POUNDS MATERIAL

TARE POUNDS HAULING

NET POUNDS TAX

TOTAL

PRODUCT Coal Slag CODE

CUSTOMER SIGNATURE

WEIGHMASTER: CARMEN M. PARISO
N.Y.S. LICENSE #140123

WEIGHED BY

TRUCK NO. TRUCKING CO.

TRUCKER'S SIGNATURE

CUSTOMER 1

TUESDAY JAN 8 2 TRUCKS 8:00 AM ½ hour spread

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number

5. Generator's Name and Mailing Address

Buffalo NY 14202 Robert [illegible]

Generator's Phone:

Generator's Site Address (if different than mailing address)

New [illegible] Company [illegible]

Buffalo NY 14202 Scott [illegible]

6. Transporter 1 Company Name

[illegible] Trucking

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Town of Tonawanda Landfill Closure

East Park Road

Tonawanda, NY

Facility's Phone: 716-235-[illegible]

U.S. EPA ID Number: N/A

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non RCRA, Non D.O.T. Regulated Material, NEM Soil (PCB)	001	T		T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

EnSol, Inc. Project ID Number: 08-3259-15T

Truck ID: 198

Truck [illegible]:

Weight Ticket No.: 81855

Gross Weight: 77280

Tare Weight: 24620

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Scott Ostrhoff on behalf of New Eng

Signature: [signature]

Month 01 Day 08 Year 08

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bob Long Signature: Bob Long Month 1 Day 8 Year 08

Transporter 2 Printed/Typed Name: Signature: Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Item #12 Estimated. Actual Weight = 2632

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Steve Hess Signature: [signature] Month 1 Day 8 Year 08

169-BLC-O 5 11977 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

CARMEN M. PARISO, INC.

3649 RIVER ROAD
TONAWANDA, NEW YORK 14150
OFFICE: (716) 875-6168 FAX: (716) 875-4121
SCALE: (716) 875-0902

TANDEMS TRI-AXLES DUMP TRAILERS

VARIETY OF PRODUCTS AVAILABLE FROM OUR STOCKPILES

CUSTOMER # TICKET # P 81862

CUSTOMER NAME DATE

TIME

DELIVERED

JOB # PICKED UP

SHIP TO CUSTOMER P.O. #

GROSS POUNDS MATERIAL
TARE POUNDS HAULING
NET POUNDS TAX

TOTAL

PRODUCT CODE

CUSTOMER SIGNATURE

WEIGHMASTER: CARMEN M. PARISO
N.Y.S. LICENSE #140123

WEIGHED BY

TRUCK NO. TRUCKING CO.:

TRUCKER'S SIGNATURE

CUSTOMER 1

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address N/A

New Era Cap Company, 160 Delaware Avenue, Buffalo NY 14202, Robert Hines

Generator's Phone:

Generator's Site Address (if different than mailing address) ES 381284

New Era Cap Company, 500 Seneca Street, Buffalo NY 14202 Scott Overhoff (NEI)

6. Transporter 1 Company Name 716-549-3445

Parise Trucking

U.S. EPA ID Number #102

7. Transporter 2 Company Name 716-875-8133

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Town of Tonawanda Landfill Closure
East Park Road
Facility's Phone: Tonawanda NY 716-285-3977

U.S. EPA ID Number N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non D.O.T. Regulated Material, NOS	001	T		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale
Ensol, Inc. Project ID Number: 08-3259-15T
Truck ID:
Trailer No.:

Weight Ticket No.: 81862
Gross Weight: 62340
Tare Weight: 25800
18,26

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Scott Overhoff On behalf of New Era | Signature | Month: 01 | Day: 05 | Year: 08

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bob Shubert | Signature | Month: 1 | Day: 8 | Year: 08

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) Actual Weight = 18,26 | U.S. EPA ID Number 381284

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Steve Hess | Signature | Month: 1 | Day: 8 | Year: 08

169-BLC-O 5 11977 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

Attachment 2

Field Notes

Pg 1 of 3

Date 12/13/07 No. 15210
Client Newton Phillips Lytle
Subject UST P.11
Weather _____ Temp. _____

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

Travelled to the subject site. Uncovered the fill port for the 500 Gallon tank and noted that the tank was full. Opened 2000 Gallon tank and noted fluid, but not sure how much.

Franks Vacuum truck service arrived on the site. Began by first removing fluid from the 2,000-Gallon tank, then the 500 Gallon tank. Vacuum truck on standby until tanks are pulled and cleaned.

Wyndel arrived on the site and uncovered the 500-gallon tank. Some clean fill in the top 1-Ft of soil place in pile for back filling. Impacted soil then encountered. VOC headspace reading of soil in the vicinity of the tank was 2200 ppm

Called NYSDEC and reported the spill. Spoke with John Otto and Spill # 0751217 was issued to the site. John arrived on site and inspected excavation. Excavated impacted soil from the 500-Gallon tank excavation. Once the sand Bedding material and a few feet of native silt clay material was removed, the staining and odor ended. We could not reach extent on the east wall due to the building on the north wall due to the road. Collected Verification samples for VOC screening and analysis.

See the screening results on next page ↓

Signature _____ Title _____

B 207 3

Date 12/13/07 No. 15210
Client New Era - Phillips Lythe
Subject UST Pull
Weather _____ Temp. _____

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

Soil Screening Results

500 Gallon Tank Excavation Floor (4')	164 ppm	
Excavated another Foot to 8' BG.		
500 Gallon Tank Excavation Floor (8')	55.9 ppm	Submitted.
500 Gallon Tank (North Wall)	983 ppm	Submitted.
500 Gallon Tank (West Wall)	28.9 ppm	Submitted.
500 Gallon Tank (East Wall)	1,898 ppm	Submitted.
500 Gallon Tank (South Wall)	11 ppm	Submitted.

Note again that the North wall was bound by the road and the East wall was bound by the Building.

Placed the soil on plastic. Collected composite for soil characterization and submitted.

Excavated and removed the 2,000 Gallon tank. No contamination noted. Collected composite floor sample for analysis. VOC reading of 1.4 ppm

The tanks were placed on plastic for cleaning. The 500 Gallon tank had obvious holes in the bottom of tank along the ends. The 2000 Gallon tank appeared to be in good condition. Purged tanks with nitrogen and cut opened and cleaned.

Signature _____ Title _____

B3 of 3

Date 12/13/07 No. 15210
Client NW Eng - Phillips Lytle
Subject UST Pull
Weather ______ Temp. ______

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

Removed the pump island and piping. Collected a composite sample from under the pump island and the pipe. No odor noted. Submitted for analysis.

While performing cleaning duties, noticed fluid exiting vac truck hose on to snow. Apparently a valve had not shut according to driver. He vacuumed up the snow it had impacted. Not sure of volume. Observed only water coming out of hose. Removed several scoops of soil from area where water had spilled and placed on the soil pile (as precautionary). Took soil sample from area. No odor noted. Will submit for 8260 ★.

Backfilling performed as good as possible, given very snowy conditions. Will straighten up when we load soil out.

Items to finalize. A) Put lock on gate on Seneca.
B) Ensure other gate is functional as it was bumped with excavator.
C) Shovel any fill off the sidewalks.

Tanks taken to scrap yard.
Left site.

Signature [signature] Title [signature]

Attachment 3

Analytical Summary Table

Table 1
Excavation Soil Sample Analytical Results; STARS Volatile Organics
500 Seneca Street, Buffalo, NY
December 13, 2007 Sampling Date

Analytical Parameter	500 Gal. UST N. Wall	500 Gal. UST S. Wall	500 Gal. UST E. Wall	500 Gal. UST W. Wall	Recommended Soil Cleanup Objective (TAGM 4046)
Benzene	28.1	"	11,700	"	60
n-Butylbenzene	80.3	"	408	"	10,000
sec-Butylbenzene	64.6	"	166	"	10,000
tert-Butylbenzene	"	"	"	"	10,000
Ethylbenzene	273	"	1,610	"	5,500
n-Propylbenzene	237	"	1,150	"	3,700
Isopropylbenzene	97.3	"	288	"	2,300
p-Isopropyltoluene	63.7	"	"	"	10,000
Naphthalene	534	"	697	"	13,000
Toluene	12.3	"	1,320	"	1,500
1,2,4-Trimethylbenzene	45.9	"	1,520	"	10,000
1,3,5-Trimethylbenzene	41.7	"	485	"	3,300
Xylenes	127	9.20	2,979	"	1,200
Methyl tert-butyl Ether	33.6	"	"	"	120
Total Target Analytes	**1,638.5**	**9.20**	**22,323**	"	**<10,000**

Table 1 (Continued)
Excavation Soil Sample Analytical Results; STARS Volatile Organics
500 Seneca Street, Buffalo, NY
December 13, 2007 Sampling Date

Analytical Parameter	500 Gal. UST Floor (8')	2,000 Gal. UST Floor	Pump Island & Piping Comp.	Recommended Soil Cleanup Objective (TAGM 4046)
Benzene	3,320	"	"	60
n-Butylbenzene	"	"	"	10,000
sec-Butylbenzene	"	"	"	10,000
tert-Butylbenzene	"	"	"	10,000
Ethylbenzene	"	"	"	5,500
n-Propylbenzene	"	"	"	3,700
Isopropylbenzene	"	"	"	2,300
p-Isopropyltoluene	"	"	"	10,000
Naphthalene	"	"	"	13,000
Toluene	"	"	11.1	1,500
1,2,4-Trimethylbenzene	"	"	"	10,000
1,3,5-Trimethylbenzene	"	"	"	3,300
Xylenes	"	"	9.18	1,200
Methyl tert-butyl Ether	"	"	"	120
Total Target Analytes	**3,320**	"	"	**<10,000**

Notes: 1) Results from USEPA Method 8260 for Volatiles; All results in ppb (ug/kg).
2) NA = Not Applicable
3) " means compound not detected above Method Detection Limit (MDL).

Table 4

Laboratory Analytical Report

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

For Lab Project # 07-4598

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

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "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.

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 frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

This report contains a total of 14 pages.

179 Lake Avenue · Rochester, NY 14608 · (585) 647-2530 · Fax (585) 647-3311 ·
ELAP ID# 10958

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Hazard Evaluations, Inc.
Client Job Site: 500 Seneca
Client Job No.: 15210

Lab Project No.: 07-4598
Sample Type: Soil
Method: SW846 9045C
Date(s) Sampled: 12/13/2007
Date Received: 12/17/2007
Date Analyzed: 12/17/2007

Laboratory Report for pH Analysis

Lab Sample No.	Field ID No.	Field Location	pH Results (S.U.)
15143	N/A	Soil Pile Comp.	8.59

ELAP ID No.: 10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

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

File ID:074598.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Hazard Evaluations, Inc.
Client Job Site: 500 Seneca
Client Job No.: 15210

Lab Project No.: 07-4598
Sample Type: Soil
Method: SW846 1010
Date(s) Sampled: 12/13/2007
Date Received: 12/17/2007
Date Analyzed: 12/17/2007

Laboratory Report for Flashpoint Analysis

Lab Sample No.	Field ID No.	Field Location	Flashpoint Results (°C)
15143	N/A	Soil Pile Comp.	>70.0

ELAP ID No.: 10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.

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

Client: Hazard Evaluations, Inc.

Client Job Site: 500 Seneca

Client Job No.: 15210

Lab Project No.: 07-4598

Sample Type: TCLP Extract
Analytical Method: EPA 6010
Date Sampled: 12/13/2007
Date Received: 12/17/2007
Date Analyzed: 12/19/2007

Laboratory Report for TCLP Lead Analysis

Lab ID No.	Field ID No.	Field Location	Result (mg/L)	Regulatory Limit (mg/L)
15143	N/A	Soil Pile Comp.	<0.100	5.0

ELAP ID No.: 10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

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

File ID:074598.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.) Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations, Inc

Client Job Site:	500 Seneca	**Lab Project Number:**	07-4598
		Lab Sample Number:	15143
Client Job Number:	15210		
Field Location:	Soil Pile Comp	**Date Sampled:**	12/13/2007
Field ID Number:	N/A	**Date Received:**	12/17/2007
Sample Type:	Soil	**Date Analyzed:**	12/21/2007

PHC Classification	Results in ug / Kg
Medium Weight PHC as: Kerosene	50,800

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC. 3 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations, Inc

Client Job Site:	500 Seneca	**Lab Project Number:**	07-4598
		Lab Sample Number:	15144
Client Job Number:	15210		
Field Location:	500 Gallon Tank (North Wall)	**Date Sampled:**	12/13/2007
Field ID Number:	N/A	**Date Received:**	12/17/2007
Sample Type:	Soil	**Date Analyzed:**	12/21/2007

Aromatics	Results in ug / Kg
Benzene	28.1
n-Butylbenzene	80.3
sec-Butylbenzene	64.6
tert-Butylbenzene	ND< 30.1
Ethylbenzene	273
n-Propylbenzene	237
Isopropylbenzene	97.3
p-Isopropyltoluene	63.7
Naphthalene	534
Toluene	12.3
1,2,4-Trimethylbenzene	45.9
1,3,5-Trimethylbenzene	41.7
m,p-Xylene	127
o-Xylene	33.6
Miscellaneous	
Methyl tert-butyl Ether	ND< 12.0

ELAP Number 10958 Method: EPA 8260B Data File: V52837.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 3 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations, Inc

Client Job Site:	500 Seneca	**Lab Project Number:**	07-4598
		Lab Sample Number:	15145
Client Job Number:	15210		
Field Location:	500 Gallon Tank (South Wall)	**Date Sampled:**	12/13/2007
Field ID Number:	N/A	**Date Received:**	12/17/2007
Sample Type:	Soil	**Date Analyzed:**	12/21/2007

Aromatics	Results in ug / Kg
Benzene	ND< 8.32
n-Butylbenzene	ND< 41.6
sec-Butylbenzene	ND< 8.32
tert-Butylbenzene	ND< 20.8
Ethylbenzene	ND< 8.32
n-Propylbenzene	ND< 8.32
Isopropylbenzene	ND< 41.6
p-Isopropyltoluene	ND< 41.6
Naphthalene	ND< 20.8
Toluene	ND< 8.32
1,2,4-Trimethylbenzene	ND< 8.32
1,3,5-Trimethylbenzene	ND< 8.32
m,p-Xylene	9.20
o-Xylene	ND< 8.32
Miscellaneous	
Methyl tert-butyl Ether	ND< 8.32

ELAP Number 10958 Method: EPA 8260B Data File: V52838.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC. 9 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations, Inc

Client Job Site:	500 Seneca	**Lab Project Number:**	07-4598
		Lab Sample Number:	15146
Client Job Number:	15210		
Field Location:	500 Gallon Tank (West Wall)	**Date Sampled:**	12/13/2007
Field ID Number:	N/A	**Date Received:**	12/17/2007
Sample Type:	Soil	**Date Analyzed:**	12/21/2007

Aromatics	Results in ug / Kg
Benzene	ND< 11.2
n-Butylbenzene	ND< 56.1
sec-Butylbenzene	ND< 11.2
tert-Butylbenzene	ND< 28.1
Ethylbenzene	ND< 11.2
n-Propylbenzene	ND< 11.2
Isopropylbenzene	ND< 56.1
p-Isopropyltoluene	ND< 56.1
Naphthalene	ND< 28.1
Toluene	ND< 11.2
1,2,4-Trimethylbenzene	ND< 11.2
1,3,5-Trimethylbenzene	ND< 11.2
m,p-Xylene	ND< 11.2
o-Xylene	ND< 11.2
Miscellaneous	
Methyl tert-butyl Ether	ND< 11.2

ELAP Number 10958 Method: EPA 8260B Data File: V52839.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger, Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.) Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations, Inc

Client Job Site:	500 Seneca	**Lab Project Number:**	07-4598
		Lab Sample Number:	15147
Client Job Number:	15210		
Field Location:	500 Gallon Tank (East Wall)	**Date Sampled:**	12/13/2007
Field ID Number:	N/A	**Date Received:**	12/17/2007
Sample Type:	Soil	**Date Analyzed:**	12/21/2007

Aromatics	Results in ug / Kg
Benzene	E 11,700
n-Butylbenzene	408
sec-Butylbenzene	166
tert-Butylbenzene	ND< 90.3
Ethylbenzene	1,610
n-Propylbenzene	1,150
Isopropylbenzene	288
p-Isopropyltoluene	ND< 181
Naphthalene	697
Toluene	1,320
1,2,4-Trimethylbenzene	1,520
1,3,5-Trimethylbenzene	485
m,p-Xylene	2,410
o-Xylene	569
Miscellaneous	
Methyl tert-butyl Ether	ND< 36.1

ELAP Number 10958 Method: EPA 8260B Data File: V52840.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger, Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.) Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations, Inc

Client Job Site:	500 Seneca	**Lab Project Number:**	07-4598
		Lab Sample Number:	15148
Client Job Number:	15210		
Field Location:	500 Gallon Tank (Floor 8')	**Date Sampled:**	12/13/2007
Field ID Number:	N/A	**Date Received:**	12/17/2007
Sample Type:	Soil	**Date Analyzed:**	12/21/2007

Aromatics	Results in ug / Kg
Benzene	3,320
n-Butylbenzene	ND< 499
sec-Butylbenzene	ND< 99.8
tert-Butylbenzene	ND< 250
Ethylbenzene	ND< 99.8
n-Propylbenzene	ND< 99.8
Isopropylbenzene	ND< 499
p-Isopropyltoluene	ND< 499
Naphthalene	ND< 250
Toluene	ND< 99.8
1,2,4-Trimethylbenzene	ND< 99.8
1,3,5-Trimethylbenzene	ND< 99.8
m,p-Xylene	ND< 99.8
o-Xylene	ND< 99.8
Miscellaneous	
Methyl tert-butyl Ether	ND< 99.8

ELAP Number 10958 Method: EPA 8260B Data File: V52841.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC. 9 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations, Inc

Client Job Site:	500 Seneca	**Lab Project Number:**	07-4598
		Lab Sample Number:	15149
Client Job Number:	15210		
Field Location:	Pump Island - Pipe Composite	**Date Sampled:**	12/13/2007
Field ID Number:	N/A	**Date Received:**	12/17/2007
Sample Type:	Soil	**Date Analyzed:**	12/21/2007

Aromatics	Results in ug / Kg
Benzene	ND< 8.63
n-Butylbenzene	ND< 43.2
sec-Butylbenzene	ND< 8.63
tert-Butylbenzene	ND< 21.6
Ethylbenzene	ND< 8.63
n-Propylbenzene	ND< 8.63
Isopropylbenzene	ND< 43.2
p-Isopropyltoluene	ND< 43.2
Naphthalene	ND< 21.6
Toluene	11.1
1,2,4-Trimethylbenzene	ND< 8.63
1,3,5-Trimethylbenzene	ND< 8.63
m,p-Xylene	9.18
o-Xylene	ND< 8.63
Miscellaneous	
Methyl tert-butyl Ether	ND< 8.63

ELAP Number 10958 Method: EPA 8260B Data File: V52842.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature: _____
Bruce Hoogesteger, Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC. 3 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations, Inc

Client Job Site:	500 Seneca	**Lab Project Number:**	07-4598
		Lab Sample Number:	15150
Client Job Number:	15210		
Field Location:	2000 Gallon Tank (Floor Comp)	**Date Sampled:**	12/13/2007
Field ID Number:	N/A	**Date Received:**	12/17/2007
Sample Type:	Soil	**Date Analyzed:**	12/21/2007

Aromatics	Results in ug / Kg
Benzene	ND< 6.70
n-Butylbenzene	ND< 33.5
sec-Butylbenzene	ND< 6.70
tert-Butylbenzene	ND< 16.8
Ethylbenzene	ND< 6.70
n-Propylbenzene	ND< 6.70
Isopropylbenzene	ND< 33.5
p-Isopropyltoluene	ND< 33.5
Naphthalene	ND< 16.8
Toluene	ND< 6.70
1,2,4-Trimethylbenzene	ND< 6.70
1,3,5-Trimethylbenzene	ND< 6.70
m,p-Xylene	ND< 6.70
o-Xylene	ND< 6.70
Miscellaneous	
Methyl tert-butyl Ether	ND< 6.70

ELAP Number 10958 Method: EPA 8260B Data File: V52845.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 3 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for TCLP Extract

Client: Hazard Evaluations, Inc

Client Job Site:	500 Seneca	**Lab Project Number:**	07-4598
		Lab Sample Number:	15143
Client Job Number:	15210		
Field Location:	Soil Pile Comp	**Date Sampled:**	12/13/2007
Field ID Number:	N/A	**Date Received:**	12/17/2007
Sample Type:	TCLP Extract	**Date Analyzed:**	12/21/2007

Aromatic	Results in ug / L	Regulatory Limits in ug / L
Benzene	58.9	500

ELAP Number 10958 Method: EPA 8260B Data File: V52847.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

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PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:
COMPANY: Hazard Evaluations, Inc.
ADDRESS: 3836 North Buffalo Road
CITY: Orchard Park STATE: NY ZIP: 14127
PHONE: FAX:
ATTN: Scott Overhoff
COMMENTS:

INVOICE TO:
COMPANY:
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 07-4598
CLIENT PROJECT #: 15210
TURNAROUND TIME: (WORKING DAYS) STD ☒ 5 OTHER ☐ (☐ 1 ☐ 2 ☐ 3)
QUOTE #:

PROJECT NAME/SITE NAME: 500 Seneca

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	TCLP Benzene	TCLP Lead	TPH	pH	Flash	Reac STATES	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 12/13/07		X		So.1 Pile Comp.	Soil	1	X	X	X	X	X			15143
2 12/13/07			X	500 Gallon Tank (North Wall)	Soil	1						X		15144
3 12/13/07			X	500 Gallon Tank (South Wall)	Soil	1						X		15145
4 12/13/07			X	500 Gallon Tank (West Wall)	Soil	1						X		15146
5 12/13/07			X	500 Gallon Tank (East Wall)	Soil	1						X	Strong Odor	15147
6 12/13/07			X	500 Gallon Tank (Floor 8')	Soil	1						X		15148
7 12/13/07		X		Pump Island - Pipe Composite	Soil	1						X		15149
8 12/13/07		X		2000 Gallon Tank (Floor Comp)	Soil	1						X		15150
9 ~~12/13/07~~														
10														

LAB USE ONLY BELOW THIS LINE**

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments:	Y ☒	N ☐
Preservation: Comments:	Y ☒	N ☐
Holding Time: Comments:	Y ☒	N ☐
Temperature: Comments: iced	Y ☒	N ☐

Sampled By — 12/13/07 Date/Time
Relinquished By — 12/14/07 Date/Time
Received By: James A. Steiner — 12/14/07 2:00 PM Date/Time
Received @ Lab By: Elizabeth A. Homick — 12/17/07 1405 Date/Time

Total Cost:
P.I.F.