June 16, 2011

PRE-DESIGN REMEDIAL INVESTIGATION SUMMARY REPORT

Konica Minolta Graphic Imaging U.S.A., Inc.
71 Charles Street
Glen Cove, New York

Prepared for

KONICA MINOLTA GRAPHIC IMAGING U.S.A., INC.
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1.0 INTRODUCTION

Roux Associates, Inc. (Roux Associates) has prepared this Pre-Design Remedial Investigation Summary Report on behalf of Konica Minolta Graphic Imaging U.S.A., Inc. (Konica Minolta) located at 71 Charles Street, Glen Cove, New York (Plate 1, Site Plan). Pre-Design Remedial Investigation Activities were performed at Konica Minolta by Roux Associates in accordance with the "Pre-Design Investigation Work Plan, Konica Minolta, Glen Cove, New York" (Work Plan), prepared by Roux Associates (January 19, 2010), with the following exceptions:

- Revisions to the scope of work were suggested by Konica Minolta in a February 3, 2011 conference call and video conference, and included the addition of six soil boring locations to the scope of work; and
- The sampling of existing monitoring wells was not performed[1].

The proposed scope of work was designed to delineate the nature and extent of the source(s) of the residual contamination impacting groundwater beneath the North Parking Lot area ("North Lot") of the Site. The Site is listed in the New York State Department of Environmental Conservation Registry of Inactive Hazardous Waste Sites as the Powers Chemco, a.k.a. Columbia Ribbon and Manufacturing Company Site (Site Code 1-30-028).

This report summarizes the data generated during the Pre-Design Remedial Investigation and presents the results of soil and groundwater sampling and analysis. These data will be utilized in conjunction with information developed during previous investigations (by others) to characterize current environmental conditions at the Site, with the goal of developing an Interim Remedial Action Work Plan (IRM Work Plan) for remediation of the residual sources areas for groundwater.

1.1 Report Organization

The remainder of the summary report is organized as follows:

- Section 2.0: Describes Site Background
- Section 3.0: Describes Pre-Design Remedial Investigation
- Section 4.0: Describes Pre-Design Remedial Investigation Performance/Documentation Sampling

[1] Sampling of existing wells was deferred until the results of the groundwater screening samples were obtained. The selection of existing wells to be sampled will be based on a review of the results of the screening samples.

- Section 5.0: Describes Future Remedial Activities
- Section 6.0: Describes Summary and Conclusion

2.0 SITE BACKGROUND

This section describes a summary of the site background, site history and the conceptual model for the North Lot.

2.1 Site Background

This section presents a brief description of the Site and a summary of previous investigations. For a more complete description and a Site history, please refer to the "Historical Remediation and Data Review Report, April 2010, Konica Minolta".

2.1.1 Site Description

The subject Site is the former Columbia Ribbon and Carbon Company Disposal Site located at 71 Charles Street in Glen Cove, New York and is approximately 15 acres in size (Plate 1). The area impacted by historical disposal of industrial wastes is approximately 1.4 acres and located in the northwest section of the Site (the North Lot) and served as an employee parking area when the Site was operating. Surrounding the property to the north and east are residential areas, to the south and west are industrial properties, including four other inactive hazardous waste disposal sites.

2.1.2 Site History

Columbia Ribbon and Carbon Manufacturing Company (Columbia) occupied the Site prior to 1979 and used the North Lot area for disposal of industrial wastes into underground disposal pits. In 1979 Powers Chemco, Inc. (Chemco) purchased the property, unaware of the historical disposal activities and the presence of the contamination at the Site. Chemco discovered the contamination in the North Lot area during excavation activities in 1983. During the period of 1983 through 1988, three consent orders were passed by the New York State Department of Environmental Conservation (NYSDEC), under which subsequent field investigations for Interim Remedial Measure (IRM) and Remedial Investigation/Feasibility Study (RI/FS) were carried out. During the preparation of the RI/FS, Powers Chemco was renamed Chemco Technologies, Inc., which was later purchased and renamed Konica Imaging USA, Inc. (Konica). The period from 1991 through 2004, two more Consent orders were passed by the NYSDEC and under these two Consent orders, dual phase groundwater/ soil vapor vacuum extraction (system) pilot study; and construction, operation and maintenance of the system were performed. Post-shutdown

monitoring of the wells on the perimeter of the Site was conducted from June 2003 until March 2004 and showed that groundwater concentrations were within the New York State (NYS) Class GA Groundwater Quality Standards. Additional groundwater sampling in the interior area of the Site was conducted as per the NYSDEC's request, and the results showed that the contamination had not been captured by the remediation system. In May 2004, the NYSDEC requested Konica to develop a Remedial Plan to address the contamination and requested a soil gas survey nearby structures on and off-site, including the residential buildings. Additionally, in August 2004 the NYSDEC requested to evaluate the presence of any soil contamination that might be a continuing source for the groundwater contamination occurring at the Site. The soil gas survey was conducted in January and April 2005, and Pre-Design Investigation Work Plan was submitted to the NYSDEC to address the residual groundwater contamination in August 2005. Various correspondences between Konica and the NYSDEC from November 2006 to January 2007 resulted in the NYSDEC's request for off-site soil gas and groundwater sampling at nearby residences and the analytical results of the soil gas survey submitted to the NYSDEC in May 2007 showed that soil vapor intrusion is not taking place off-site in the nearby residences. In July 2007, the NYSDEC approved the "Additional Soil and Groundwater Sampling Work Plan, May 2007" to delineate off-site concentrations, with revisions and additional data analysis requests. In December 2008, additional groundwater sampling from perimeter wells indicated that groundwater impacts were not migrating to the outer edges of the source area. As part of this investigation, vertical profile borings were advanced to determine the vertical extent of the contamination in groundwater in the remediation area utilizing a membrane interface probe (MIP). In a July 1, 2009 email, the Department directed KMGI to evaluate all historical and recent data and prepare a report to document the extent of residual contamination at the site and off-site. In December 2009, while KMGI was addressing NYSDEC's request, NYSDEC notified Konica that the Site classification in the New York State registry was changed from Class 4 to Class 2.

The detailed Site History of the Site was provided to the NYSDEC in the "Historical Remediation and Data Review Report, April 2010, Konica Minolta." The report's purpose was to understand where the residual contamination was present and why the approved pump and treatment method did not work in limited area of the site. Also, the historical data filled any data gaps that might have existed for the conceptual remedial design.

2.1.3 Current Site Conditions

The Site is currently under the supervision and management of the President of Konica Minolta Graphic Imaging USA Inc., Peter Newton, who is tasked with facilitating the remediation of the Site.

3.0 Summary of Pre-Design Remedial Investigation

This section provides the detail information about Geophysical site survey and field activities performed.

3.1 Geophysical Survey

NAEVA Geophysics, Inc. (NAEVA) performed Geophysical Investigation in North Parking Lot on March 2, 2011. All detectable subsurface utilities and features were marked out on the ground with paint using the color code established by the American Public Works Association. Based on the potential subsurface utilities, all soil boring locations were chosen and marked out. The Geophysical Survey report is attached in Appendix A.

3.2 Pre-Design Remedial Investigation Activities

A review previous investigation results[2] indicated that residual source areas for impacts to groundwater existed beneath the North Lot. In addition, Photoionization detector (PID) screening of soil during soil boring installation by ERM in April 2006 indicated high PID detections in the unsaturated zone at the following locations:

- PZ-07
- TMP-02
- PZ-02
- TMP-04
- TMP-03
- PZ-03
- PZ-04
- TMP-06

Therefore, soil sampling was also targeted toward the unsaturated zone in the vicinity of the above locations to determine whether residual source material exists above the water table. Note that three of the above locations are offsite in the grass median strip between The Place and the North Lot fence line. Therefore, soil samples were obtained from onsite locations immediately adjacent to the North Lot fence to determine whether or not offsite source areas exist that may have resulted in onsite groundwater impacts.

[2] Historical Remediation and Data Review Report, April 2010, Konica Minolta; Figure 33.

Eighteen soil borings were completed between March 4 and March 18, 2011 by Roux Associates using a track-mounted Geoprobe™ direct-push sampler (R-SB-1 through R-SB-18). Utility clearance was provided based on a review of Geophysical Survey (Appendix A) results in conjunction with Site maps showing subsurface utilities for the former groundwater treatment system in the North Lot.

3.2.1 Soil Sampling

Soil samples were collected using Geoprobe™ macro-core acetate sleeves in five-foot intervals. The sleeves were cut open in half lengthwise using a utility knife. The soil core inside was also cut in half lengthwise, and then separated into one-foot sections using a decontaminated stainless steel knife or trowel. One half of the macro-core sample interval was placed into zip-lock plastic storage bags, homogenized and the headspace was monitored after approximately 30 minutes. The remaining half of each interval was screened with a PID, photographed and visually characterized according to the Unified Soil Classification System (USCS). Soil boring logs are provided in Appendix B. The remaining soil from each interval was placed in laboratory-supplied sample jars. Select soil samples were sent to TestAmerica Laboratories of Shelton, Connecticut for Volatile Organic Compound (VOC) analysis using USEPA Method 8260B for VOCs.

Soil sample were selected for VOC analysis based on the following criteria:

- Elevated PID screening readings;
- The presence of staining, odor and/or waste material; and
- Samples from the unsaturated zone in the immediate vicinity of the April 2006 ERM soil borings that had elevated PID readings.

A total of 66 soil samples were sent to the laboratory to be analyzed. A matrix showing the soil borings, PID readings, and intervals analyzed is provided in Table 1.

3.2.2 Groundwater Sampling

Sixteen groundwater screening samples were collected from nine soil boring locations (R-SB-1, R-SB-3, R-SB-4, R-SB-8, R-SB-9, R-SB-10, R-SB-14, R-SB-15, and R-SB-16). A matrix showing the locations and depth intervals for the groundwater screening samples is provided in Table 1. The justifications for selection of the location and sampling depth for groundwater were similar to those for selection of soil samples to be analyzed. Additionally, fine-grained zones

below the water table[3] that could contain pockets of sorbed residual VOCs were targeted by sampling a more permeable zone either immediately above or below the fine-grained interval. The groundwater was purged from each temporary sampling point using a peristaltic pump. Field parameters including pH, temperature, specific conductance and turbidity were measured (Appendix C) during purging, and samples were collected after the field parameters were stabilized.

Groundwater screening samples were collected following completion of the soil borings using a temporary well screen consisting of 1-inch diameter slotted PVC screen placed in a borehole completed with the Geoprobe to the desired depth. A new well screen was used for collection of each groundwater screening sample.

Groundwater samples were collected using low-flow (minimal drawdown) procedures. Prior to sample collection, each temporary well point was purged at low-flow evacuation rates of 0.1 to 0.5 liters per minute (L/min) using a peristaltic pump. Flow rates were adjusted to maintain a drawdown of less than 0.3 feet during purging, where possible. Field parameters including pH, temperature, DO, ORP, salinity, specific conductance and turbidity were measured (Appendix C) during purging, and samples were collected after the field parameters had stabilized. Groundwater samples were collected at the same flow rate as purging using the same device as was used for purging. VOC samples were collected first directly into pre-preserved sample containers. Samples for filtered metals analyses were filtered in the lab using a 0.45 micron filter.

The table shows the parameters analyzed for groundwater samples from selected soil boring locations at various depths:

Soil Boring	*Depth (ft)*	*Analysis*
R-SB-1	12-13	VOC
R-SB-3	6-7	VOC
R-SB-3	14-15	VOC
R-SB-4	6-7	VOC, Sulfate and Metals (filtered and unfiltered)

[3] The conceptual model for the North Lot as presented in the Work Plan indicated that it is likely that residual impacts remained in fine grained subsurface material and in a "smear zone" in the vicinity of the water table.

Soil Boring	*Depth (ft)*	*Analysis*
R-SB-4	9-10	VOC
R-SB-8	7-8	VOC, Sulfate and Metals (filtered and unfiltered)
R-SB-8	10-15	VOC
R-SB-9	8-9	VOC, Sulfate and Metals (filtered and unfiltered)
R-SB-10	8-9	VOC
R-SB-10	12-15	VOC
R-SB-14	6-7	VOC, Sulfate and Metals (filtered and unfiltered)
R-SB-14	12-15	VOC
R-SB-15	6-7	VOC, Sulfate and Metals (filtered and unfiltered)
R-SB-15	9-14	VOC
R-SB-16	6-7	VOC, Sulfate and Metals (filtered and unfiltered)
R-SB-16	15-20	VOC

4.0 PRE-DESIGN REMEDIAL INVESTIGATION RESULTS

This section provides the results of the soil and groundwater sampling scope of work.

4.1 Soil Quality

The soil beneath the North Lot consisted of layers ranging from medium to coarse sand and gravel to hard, dense silt and clay. 183 out of 450 soil samples collected exhibited a hydrocarbon odor and 34 soil samples exhibited purple or black staining (Table 1). These observations generally coincided with samples exhibiting elevated PID readings.

Table 2 and Plate 2 present summaries of the laboratory analytical data for soil. Plate 2 summarizes detections of constituents of concern in soil present at concentrations above NYSDEC Part 375 Restricted Use Soil Cleanup Objectives for the Protection of Groundwater (soil cleanup objectives). The following VOCs were detected in soil beneath the North Lot at concentrations above the soil cleanup objectives:

- 2-Butanone (methyl ethyl ketone [MEK])
- Acetone
- Ethylbenzene
- Toluene
- Xylenes (total)

4.1.1 VOCs in Soil

Volatile organic compounds were detected at concentrations above the NYSDEC Part 375 Protection of Groundwater Cleanup Objectives in 20 out of 66 soil samples.

Volatile organic compounds detected in soil are summarized in Table 2. Six VOCs were detected in soil at concentrations above the soil cleanup objectives, as summarized below and also shown on Plate 2.

VOC	NYSDEC Part 375 Protection of Groundwater Objectives (µg/kg)	Range of Concentrations above NYSDEC Part 375 Protection of Groundwater Objectives (µg/kg)	Number of Borings with Detections above NYSDEC Part 375 Protection of Groundwater Objectives	Location of Maximum Concentration
2-Butanone (MEK)	120	430 – 170,000	3	R-SB-17 (11-12 ft bls)
Ethylbenzene	1,000	3,000 – 65,000	6	R-SB-10 (13-14 ft bls)

VOC	NYSDEC Part 375 Protection of Groundwater Objectives (µg/kg)	Range of Concentrations above NYSDEC Part 375 Protection of Groundwater Objectives (µg/kg)	Number of Borings with Detections above NYSDEC Part 375 Protection of Groundwater Objectives	Location of Maximum Concentration
Toluene	700	790 – 1,500,000	11	R-SB-10 (13-14 ft bls)
Xylenes (Total)	1,600	4,800 – 350,000	9	R-SB-10 (13-14 ft bls)

ft bls – feet below land surface

In general, the most significantly impacted soil boring locations were SB-5 (10 to 15 ft bls), SB-10 (13-14 ft bls), SB-15 (9 to 15 ft bls), SB-16 (7 to 14 ft bls) and SB-17 (6 to 12 ft bls).

Soil Borings SB-16 and SB-17 are located within the interior portion of the area previously delineated by ERM[4] beneath the North Lot as having the highest concentrations of VOCs in groundwater. Field screening suggested that SB-16 was the most significantly impacted location, as evidenced by high PID readings from 7 to 20 ft bls (Table 1).

Soil borings SB-5 and SB-10 are located along the perimeter of the area delineated by ERM. Soil Boring SB-5 (11-12 ft bls) contained the highest detections of ethylbenzene, toluene and xylenes observed during the Pre-Design Investigation.

4.2 Groundwater Quality

Tables 3 and 4, and Plate 3 present summaries of the laboratory analytical data for groundwater screening samples. Plate 3 summarizes detections of constituents of concern in groundwater present at concentrations above NYSDEC Ambient Water-Quality Standards and Guidance Values (AWQS). The following VOCs of concern (i.e., detected at concentrations greater than one part per million) were detected in groundwater screening samples beneath the North Lot at concentrations above the AWQS:

- Ethylbenzene
- Toluene
- Xylenes (total)

[4] "Area targeted for groundwater remediation" as shown on Figure 33 of the Historical Remediation and Data Review Report.

No heavy metals (i.e., arsenic, chromium, lead, mercury, and zinc) were detected in filtered groundwater screening samples at concentrations above AWQS. Therefore, further summary and discussion below will be restricted to VOCs in groundwater.

4.2.1 Field Parameters

A summary of the field parameters for groundwater obtained during purging and sampling is provided in Appendix C. Measurements of pH ranged from 5.40 to 7.55. Specific conductivity ranged from 0.210 to 2.26 millisiemens per centimeter (ms/cm). Dissolved oxygen ranged from 12.01 to 0.0. Temperature ranged from 8.1°C to 15.7°C and turbidity from 0 to 953 NTUs.

4.2.2 VOCs in Groundwater

VOCs detected in groundwater are summarized in Table 3. The VOCs detected most frequently (i.e., at greater than five locations) are summarized below.

VOCs	NYS AWQS (µg/L)	Range in Concentration above NYS AWQS (µg/L)	Number of Locations with Detections above NYS AWQS	Location of Maximum Concentration
Benzene	1	1.5 – 36	5	R-SB-3 (14-15 ft bls)
Ethylbenzene	5	5.6 – 4,700	6	R-SB-15 (9-14 ft bls)
Isopropylbenzene	5	9.1 – 110	5	R-SB-15 (9-14 ft bls)
Toluene	5	10 – 320,000	8	R-SB-16 (15-20 ft bls)
Xylenes (total)	5	12 – 22,000	6	R-SB-15 (9-14 ft bls)

µg/L – micrograms per liter
NYS AWQS – New York State Ambient Water Quality Standards and Guidance Values

The most significantly impacted groundwater occurred in three general locations beneath the North Lot:

1. at the water table (6 to 7 ft bls) and below the water table (9 to 10 and 14 to 15 ft bls) in the vicinity of locations R-SB-3 and R-SB-4;

2. just below the water table (8 to 9 ft bls) and at depth (12 to 15 ft bls) in the vicinity of location R-SB-10; and

3. at the water table (6 to 7 ft bls) and at depth (9 to 14 and 15 to 20 ft bls) in the vicinity of locations R-SB-15 and R-SB-16.

Groundwater sampling locations R-SB-3, R-SB-4, and R-SB-10 are located along the perimeter of the area previously delineated by ERM[5] beneath the North Lot as having the highest concentrations of VOCs in groundwater. Location R-SB-15 is located along the northern perimeter of the property as defined by the fence line. Location R-SB-16 is within the area previously delineated by ERM as having the highest concentrations of VOCs in groundwater beneath the North Lot.

[5] "Area targeted for groundwater remediation" as shown on Figure 33 of the Historical Remediation and Data Review Report.

5.0 DISCUSSION

5.1 Soil Sampling Results

A review of soil sampling analytical results indicated that residual pockets of VOC impacts exist below the water table throughout the North Lot area. The residual pockets of VOC impacts in many cases exist in fine-grained material (see boring logs in Appendix B), including:

- R-SB-1 – silty clay from 15 to 19 ft bls;
- R-SB-3 – silty clay from 17 to 20 ft bls;
- R-SB-5 – silty clay from 9 to 18 ft bls;
- R-SB-10 – fine sand and silt from 11 to 20 ft bls;
- R-SB-12 – silty sand and clay from 11 to 12 ft bls;
- R-SB-13 – silty clay to hard clay from 15 to 20 ft bls;
- R-SB-14 – silty clay to hard clay from 17 to 20 ft bls;
- R-SB-15 – silty sand from 8 to 11 ft bls;
- R-SB-16 – hard clay from 15 to 20 ft bls; and
- R-SB-17 – silty clay from 6 to 15 ft bls.

Residual VOCs were also observed in soil in more coarse-grained material at the following locations:

- R-SB-3 – medium to coarse sand from 7 to 13 ft bls;
- R-SB-4 – medium to coarse sand from 7 to 15 ft bls; and
- R-SB-16 – fine to medium sand from 7 to 10 ft bls (note no soil recovery 10 to 12 ft bls).

These residual pockets of VOCs are serving as sources of high concentrations of VOCs--primarily ethylbenzene, toluene, and xylenes—to groundwater beneath the North Lot area.

5.1.1 Offsite Source Areas

A review of the soil analytical data from soil boring R-SB-15, which is located immediately adjacent to the property fence line, indicates that it is likely that there exist offsite sources areas for high concentrations of VOCs in onsite groundwater. High concentrations of ethylbenzene, toluene

and xylenes were observed at R-SB-15 from 9 to 15 ft bls, which strongly suggests that offsite soil to the north of R-SB-15 is similarly impacted. Assuming that the groundwater flow direction is toward the south in this area, as has been observed during previous investigations by ERM, the offsite impacted soil would be serving as a source of onsite groundwater impacts, as observed in the groundwater screening sample obtained from R-SB-15, and in offsite groundwater samples obtained by ERM in 2006[6].

5.2 Groundwater Sampling Results

A review of the results of the groundwater screening sample analytical results indicated that the residual pockets of VOCs below the water table are resulting in continued impacts to groundwater beneath the North Lot area. The impacted groundwater occurs around the perimeter of the area that had been the subject of prior remedial activities by others. The highest levels of VOCs were observed at depth below the water table, although impacts near the water table exist also. The groundwater impacts occur primarily in three areas:

1. along the northwest fence line of the North Lot;
2. in the eastern portion of the North Lot toward the main building loading platform; and
3. in the western portion of the North Lot.

Roux Associates had proposed in the Work Plan that sampling of existing monitoring wells at the Site should be performed to delineate the extent of impacted groundwater. These data would then be used in conjunction with groundwater screening data to develop a remedial action plan to address impacted groundwater beneath the North Lot. Roux Associates had recommended to Konica Minolta to postpone the sampling of existing wells until the results of the soil and groundwater screening analyses were obtained, tabulated, and reviewed. Recommendations for further investigation, as well as groundwater sampling are discussed in the next section.

[6] Figure 33 from the Historical Remediation and Data Review Report.

6.0 RECOMMENDATIONS

A review of the results of the Pre-Design Investigation soil and groundwater screening data indicates that there are areas of residual impacts in soil that lie outside the area targeted for groundwater remediation, which was based on the 2006 ERM data.

To complete the delineation of impacted soil and groundwater, Roux Associates has the following recommendations:

- Perform additional focused soil sampling to completely delineate the residual pockets of impacted soil below the water table in the vicinity of Soil Borings SB-3, SB-5, and SB-10.
- Sample existing monitoring wells downgradient of the North Lot Area, targeting locations that exhibited high concentrations of VOCs in groundwater screening samples. Note that this includes sampling of existing Water Recovery Wells (WRWs) that were part of the previous remedial system. In the event that these wells cannot be configured for sampling, new monitoring wells will have to be installed.

Note that the potential source areas that may exist offsite were outside of the scope of this investigation. These potential source areas may continue to impact onsite groundwater following remediation of onsite source areas.

Roux Associates will use the data collected during this Pre-Design Investigation and previous investigations by other to prepare a Remedial Action Work Plan to address residual source areas to groundwater beneath the North Lot and affect the restoration of groundwater quality beneath the Site.

Respectfully submitted,

ROUX ASSOCIATES, INC.

Nathan Epler, Ph.D.
Principal Hydrogeologist

TABLES

Table 1. Field Screening Data Matrix for Soil and Groundwater Sample Locations and Depth Intervals, Konica Minolta, Glen Cove, New York

Sample ID Depth (ft)	R-SB-1 PID (ppm)	R-SB-2 PID (ppm)	R-SB-3 PID (ppm)	R-SB-4 PID (ppm)	R-SB-5 PID (ppm)	R-SB-6 PID (ppm)	R-SB-7 PID (ppm)	R-SB-8 PID (ppm)	R-SB-9 PID (ppm)	R-SB-10 PID (ppm)	R-SB-11 PID (ppm)	R-SB-12 PID (ppm)	R-SB-13 PID (ppm)	R-SB-14 PID (ppm)	R-SB-15 PID (ppm)	R-SB-16 PID (ppm)	R-SB-17 PID (ppm)	R-SB-18 PID (ppm)
0-1	181.0	4.8	0.0	10.4	2.9	0.0	0.0	4.4	--	0.0	0.0	0.0	0.0	5.7	2.3	0.7	1.8	0.8
	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--
1-2	188.0	2.6	8801.0	19.4	2.3	0.0	0.0		--	0.0	0.0	0.0	0.0	0.0	6.7	1.0	31.9	1.5
	O	--	O	--	--	--	--	--	--	--	--	O	O	--	--	--	O	--
2-3	25.2	2.3	> 9999	9.2	4.7	0.0	0.0		--	0.0	0.0	0.0	0.0	0.0	4.2	0.4	17.8	0.8
	O	--	O	O	--	--	--		--	--	--	O	O	--	--	--	O	--
3-4	0.4	1.5	120.0	24.8	21.4	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.6	13.5	1.9
	O	--	O	O	O	--	O	--	--	--	--	O and S	O and S	--	--	--	O	--
4-5	0.0	0.7	4.8	25.1	13.4	0.0	17.3	2.2	0.0	--	0.0	15.4	0.0	0.0	1.2	4.3	66.9	0.0
	O	--	O	O	O	--	O	--	--	--	--	O	O	--	--	O and S	O	--
5-6	20.8	0.5	149.0	11.8	8.0	12.4	8.6	4.5	--	--	0.0	8.9	0.0	0.0	8.0	8.9	50.2	0.0
	O	--	O	O	O	O	--		--	--	--	O	O	--	--	--	O	--
6-7	2.8	1.0	180.0	18.9	84.9	22.0	7.2	--	--	0.0	0.0	1.4	0.0	0.0	19.7	15.6	531.0	0.1
	O	O	O	O	O	O and S	--		--	--	--	O	O	--	S	O	O	--
7-8	0.0	0.8	187.0	195.0	534.0	211.0	4.7	3.2	0.0	0.0	0.0	0.3	17.8	0.0	1146.0	492.0	> 9999	0.5
	O	O and S	O and S	O	O	O	O	S	--	O and S	--	O and S	O	--	O and S	O	O	--
8-9	0.0	0.9	193.0	224.0	1272.0	187.0	23.2	25.2	0.0	101.0	0.0	418.0	57.0	0.0	> 9999	> 9999	> 9999	0.6
	--	S	O	O	O	O	O and S	O	--	O	--	O and S	O	--	O and S	O	O	--
9-10	0.0	1.0	264.0	785.0	> 9999	129.0	72.7	147.0	0.0	64.4	0.0	523.0	87.4	0.0	> 9999	> 9999	> 9999	0.5
	--	--	O	O	O	O	O	--	--	--	--	O	O	--	O and S	O	O	--
10-11	0.0	1.1	209.0	> 9999	> 9999	179.0	> 9999	89.6	--	0.0	0.0	531.0	174.0	2.5	680.0	--	> 9999	--
	--	--	O	O	O	O	O and S	O	--	O	--	O and S	O	O	O	--	O	--
11-12	0.0	1.3	210.0	> 9999	3583.0	61.3	> 9999	159.0	0.0	970.0	0.0	613.0	294.0	0.0	833.0	--	> 9999	--
	--	--	O	O	O	O and S	O	O	--	O	O and S	O	O	O	O	--	O	--
12-13	0.0	1.5	6.7	581.0	294.0	7.0	0.0	56.8	0.0	3164.0	0.0	217.0	381.0	45.0	> 9999	> 9999	1585.0	--
	--	O	O and S	O	O	O	O and S	O	--	O	O and S	O and S	O	O and S	O	O	O	--
13-14	4.2	1.0	4.5	20.4	383.0	4.4	0.0	15.5	0.0	5811.0	0.0	0.0	325.0	135.0	1592.0	> 9999	388.0	--
	--	--	O	O	O	--	O	O	--	O	--	O	O and S	O and S	O	O	O	--
14-15	0.0	1.3	5.6	39.6	616.0	2.8	1018.0	11.0	0.0	0.0	0.0	0.0	251.0	218.0	3482.0	> 9999	408.0	--
	O	--	O	O	O	--	--	O	--	O	--	O	O	O and S	O	O	O	--
15-16	41.0	2.1	3.5	4.8	240.0	3.8	0.0	--	0.9	288.0	0.0	0.0	61.7	3.0	65.0	> 9999	151.0	--
	--	--	--	--	O	O	--	--	--	O	O	--	O	O	O	O	O	--
16-17	38.5	2.0	4.4	6.6	86.5	2.8	0.0	--	1.5	1581.0	0.0	0.0	52.8	0.0	11.1	> 9999	99.1	--
	--	--	--	--	O	O	--	--	--	O	--	S	--	O and S	O	O	O	--
17-18	113.0	1.5	40.3	8.9	20.2	5.5	0.0	20.4	1.7	431.0	0.0	0.0	42.9	0.0	10.3	> 9999	121.0	--
	--	--	--	--	O	O	--	--	--	O	--	S	--	O	O	O	O and S	--
18-19	287.0	0.5	78.1	0.0	5.7	3.0	0.0	7.2	2.0	0.0	0.0	0.0	65.7	13.1	3.2	4972.0	15.7	--
	--	--	--	--	--	O	--	--	--	O	--	O	--	--	--	O	O	--
19-20	6.8	1.5	155.0	0.0	3.1	3.6	0.0	6.4	0.6	0.0	0.0	0.0	26.8	35.5	5.3	820.0	49.8	--
	--	--	--	--	--	--	--	--	--	O	-	S	--	--	--	O	O	--
20-21	--	--	--	--	--	4.2	--	--	0.6	418.0	--	0.0	--	--	--	799.0	8.4	--
	--	--	--	--	--	O	--	--	--	--	--	--	--	--	--	O	--	--
21-22	--	--	--	--	--	2.5	--	--	0.4	848.0	--	0.0	--	--	--	255.0	6.9	--
	--	--	--	--	--	O	--	--	--	--	--	--	--	--	--	O	--	--
22-23	--	--	--	--	--	3.3	--	--	1.2	467.0	--	0.0	--	--	--	157.0	6.0	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	O	--	--
23-24	--	--	--	--	--	2.1	--	--	0.7	37.8	--	0.0	--	--	--	205.0	6.9	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	O	--	--
24-25	--	--	--	--	--	3.5	--	--	0.6	0.0	--	0.0	--	--	--	134.0	5.2	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	O	--	--

Notes:

	Groundwater Sample
	Soil Sample
O	Odor
S	Staining
> 9999	exceeded maximum scale on PID
ppm	parts per million

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	**Sample Designation:**	R-SB-1	R-SB-1	R-SB-1	R-SB-1	R-SB-2	R-SB-2	R-SB-2	R-SB-2
		Sample Date:	3/8/2011	3/8/2011	3/8/2011	3/8/2011	3/14/2011	3/14/2011	3/14/2011	3/14/2011
		Sample Depth (ft bls):	2-3	7-8	13-14	18-19	1-2	4-5	7-8	12-13
1,1,1-Trichloroethane	680		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
1,1,2,2-Tetrachloroethane	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
1,1,2-Trichloroethane	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
1,1-Dichloroethane	270		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
1,1-Dichloroethene	330		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
1,2,4-Trichlorobenzene	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
1,2-Dibromoethane	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
1,2-Dichlorobenzene	1100		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
1,2-Dichloroethane	20		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
1,2-Dichloropropane	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
1,3-Dichlorobenzene	2400		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
1,4-Dichlorobenzene	1800		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
2-Butanone (MEK)	120		20	12 U	11 U	15 U	85	12 U	11 U	12 U
2-Hexanone	--		11 U	12 U	11 U	15 U	13 U	12 U	11 U	12 U
4-Methyl-2-pentanone (MIBK)	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Acetone	50		**80**	25	22	29 J B	**110**	5.6 J	7.7 J	15 J
Benzene	60		5.6 U	6 U	5.5 U	4.4 J	6.6 U	6.1 U	5.6 U	6.1 U
Bromodichloromethane	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Bromoform	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Bromomethane	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Carbon disulfide	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Carbon tetrachloride	760		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Chlorobenzene	1100		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Chloroethane	1900		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U *	6.1 U
Chloroform	370		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Chloromethane	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U *	6.1 U
cis-1,2-Dichloroethene	250		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
cis-1,3-Dichloropropene	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Cyclohexane	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Dibromochloromethane	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Dibromochloropropane	--		11 U	12 U	11 U	15 U	13 U	12 U	11 U	12 U
Dichlorodifluoromethane	--		5.6 U	6 U	5.5 U	7.5 U *	6.6 U	6.1 U	5.6 U *	6.1 U
Ethylbenzene	1000		5.6 U	6 U	5.5 U	56	3 J	6.1 U	5.6 U	6.1 U
Freon 113	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	**Sample Designation:**	R-SB-1	R-SB-1	R-SB-1	R-SB-1	R-SB-2	R-SB-2	R-SB-2	R-SB-2
		Sample Date:	3/8/2011	3/8/2011	3/8/2011	3/8/2011	3/14/2011	3/14/2011	3/14/2011	3/14/2011
		Sample Depth (ft bls):	2-3	7-8	13-14	18-19	1-2	4-5	7-8	12-13
Isopropylbenzene	--		4.8 J	6 U	5.5 U	0.89 J	6.6 U	6.1 U	5.6 U	6.1 U
Methyl acetate	--		5.6 U *	6 U	5.5 U	7.5 U	6.6 U *	6.1 U *	5.6 U	6.1 U *
Methylcyclohexane	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Methylene chloride	50		6.3 J B	7.2 J B	9.6 J B	8.5 J B	3 J B	3 J B	2.3 J B	2.5 J B
MTBE	930		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Styrene	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Tetrachloroethene	1300		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Toluene	700		8.4	1.3 J	0.75 J	**14000**	220 B	4.1 J B	1.2 J B	0.76 J B
trans-1,2-Dichloroethene	190		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
trans-1,3-Dichloropropene	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Trichloroethene	470		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Trichlorofluoromethane	--		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U	6.1 U
Vinyl chloride	20		5.6 U	6 U	5.5 U	7.5 U	6.6 U	6.1 U	5.6 U *	6.1 U
Xylenes (total)	1600		2.1 J	6 U	5.5 U	440	15	0.99 J	5.6 U	6.1 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
B - The analyte was found in an associated blank, as well as in the sample
* - Lab Control Sample or Lab Control Sample Duplicate exceeds the control limits
NA - Compound was not analyzed by the laboratory
DUP - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	**Sample Designation:**	R-SB-3	R-SB-3	R-SB-3	R-SB-3	R-SB-4	R-SB-4	R-SB-4	R-SB-4
		Sample Date:	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011
		Sample Depth (ft bls):	2-3	7-8	12-13	19-20	3-4	6-7	11-12	16-17
1,1,1-Trichloroethane	680		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
1,1,2,2-Tetrachloroethane	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
1,1,2-Trichloroethane	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
1,1-Dichloroethane	270		5.3 U	1200 U	5.7 U	3.5 J	5.8 U	32 U	28 U	6.8 U
1,1-Dichloroethene	330		5.3 U	1200 U	5.7 U	3.9 J	5.8 U	32 U	28 U	6.8 U
1,2,4-Trichlorobenzene	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
1,2-Dibromoethane	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
1,2-Dichlorobenzene	1100		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
1,2-Dichloroethane	20		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
1,2-Dichloropropane	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
1,3-Dichlorobenzene	2400		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
1,4-Dichlorobenzene	1800		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
2-Butanone (MEK)	120		11 U	1200 U	11 U	**1600**	15	65 U	55 U	14 U
2-Hexanone	--		11 U	1200 U	11 U	14 U	12 U	65 U	55 U	14 U
4-Methyl-2-pentanone (MIBK)	--		5.3 U	1200 U	5.7 U	76	5.8 U	32 U	28 U	6.8 U
Acetone	50		35 B	2900 U	29	**110 B**	**61**	**150 B**	26 J B	**41**
Benzene	60		5.3 U	1200 U	5.7 U	23	1.3 J	32 U	28 U	1.7 J
Bromodichloromethane	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Bromoform	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Bromomethane	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Carbon disulfide	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	2.1 J
Carbon tetrachloride	760		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Chlorobenzene	1100		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Chloroethane	1900		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Chloroform	370		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Chloromethane	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
cis-1,2-Dichloroethene	250		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
cis-1,3-Dichloropropene	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Cyclohexane	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Dibromochloromethane	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Dibromochloropropane	--		11 U	1200 U	11 U	14 U	12 U	65 U	55 U	14 U
Dichlorodifluoromethane	--		5.3 U *	1200 U *	5.7 U	7.2 U *	5.8 U	32 U *	28 U *	6.8 U
Ethylbenzene	1000		1.7 J	**4100**	5.7 U	9.2	88	32 U	160	8.3
Freon 113	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	Sample Designation:	R-SB-3	R-SB-3	R-SB-3	R-SB-3	R-SB-4	R-SB-4	R-SB-4	R-SB-4
		Sample Date:	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011
		Sample Depth (ft bls):	2-3	7-8	12-13	19-20	3-4	6-7	11-12	16-17
Isopropylbenzene	--		0.5 J	320 J	5.7 U	7.2 U	32	140	5.7 J	6.8 U
Methyl acetate	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U *	32 U	28 U	6.8 U
Methylcyclohexane	--		5.3 U	150 J	5.7 U	7.2 U	10	14 J	28 U	6.8 U
Methylene chloride	50		5.5 J B	**370 J B**	10 J B	9.3 J B	6.9 J B	37 J B	34 J B	7.3 J B
MTBE	930		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Styrene	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Tetrachloroethene	1300		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Toluene	700		21	230 J	4.5 J	**31000**	25	23 J	**790**	130
trans-1,2-Dichloroethene	190		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
trans-1,3-Dichloropropene	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Trichloroethene	470		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Trichlorofluoromethane	--		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Vinyl chloride	20		5.3 U	1200 U	5.7 U	7.2 U	5.8 U	32 U	28 U	6.8 U
Xylenes (total)	1600		8	**31000**	2 J	29	10	4.2 J	NA	46

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
B - The analyte was found in an associated blank, as well as in the sample
* - Lab Control Sample or Lab Control Sample Duplicate exceeds the control limits
NA - Compound was not analyzed by the laboratory
DUP - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	Sample Designation:	R-SB-5	R-SB-5	R-SB-5	R-SB-5	R-SB-5 DUP	R-SB-5	R-SB-6	R-SB-6
		Sample Date:	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011
		Sample Depth (ft bls):	3-4	7-8	10-11	11-12	11-12	14-15	7-8	9-10
1,1,1-Trichloroethane	680		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
1,1,2,2-Tetrachloroethane	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
1,1,2-Trichloroethane	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
1,1-Dichloroethane	270		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
1,1-Dichloroethene	330		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
1,2,4-Trichlorobenzene	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
1,2-Dibromoethane	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
1,2-Dichlorobenzene	1100		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
1,2-Dichloroethane	20		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
1,2-Dichloropropane	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
1,3-Dichlorobenzene	2400		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
1,4-Dichlorobenzene	1800		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
2-Butanone (MEK)	120		11 U	55 U	34000 U	7100 U	130000 U	NA	56 U	13 U
2-Hexanone	--		11 U	55 U	34000 U	7100 U	130000 U	68 U	56 U	13 U
4-Methyl-2-pentanone (MIBK)	--		5.5 U	27 U	34000 U	7100 U	130000 U	230	28 U	6.6 U
Acetone	50		35 B	**54 J B**	86000 U	18000 U	320000 U	**120 J B**	**69 J B**	35 B
Benzene	60		5.5 U	27 U	34000 U	7100 U	130000 U	24 J	28 U	6.6 U
Bromodichloromethane	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Bromoform	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Bromomethane	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Carbon disulfide	--		5.5 U *	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U *
Carbon tetrachloride	760		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Chlorobenzene	1100		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Chloroethane	1900		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Chloroform	370		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Chloromethane	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
cis-1,2-Dichloroethene	250		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
cis-1,3-Dichloropropene	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Cyclohexane	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Dibromochloromethane	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Dibromochloropropane	--		11 U	55 U	34000 U	7100 U	130000 U	68 U	56 U	13 U
Dichlorodifluoromethane	--		5.5 U	27 U *	34000 U	7100 U *	130000 U	34 U *	28 U *	6.6 U
Ethylbenzene	1000		2.6 J	60	**35000**	**9600**	**75000 J**	930	28 U	42
Freon 113	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	Sample Designation:	R-SB-5	R-SB-5	R-SB-5	R-SB-5	R-SB-5 DUP	R-SB-5	R-SB-6	R-SB-6
		Sample Date:	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011
		Sample Depth (ft bls):	3-4	7-8	10-11	11-12	11-12	14-15	7-8	9-10
Isopropylbenzene	--		2.8 J	130	34000 U	7100 U	130000 U	8.8 J	24 J	1.8 J
Methyl acetate	--		5.5 U *	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U *
Methylcyclohexane	--		1.9 J	23 J	34000 U	7100 U	130000 U	34 U	18 J	6.6 U
Methylene chloride	50		4.9 J B	33 J B	**14000 J B**	**2500 J B**	**52000 J B**	41 J B	35 J B	5.3 J B
MTBE	930		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Styrene	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Tetrachloroethene	1300		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Toluene	700		7.6 B	690	**740000**	**230000**	**2300000**	**100000**	17 J	2.7 J B
trans-1,2-Dichloroethene	190		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
trans-1,3-Dichloropropene	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Trichloroethene	470		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Trichlorofluoromethane	--		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Vinyl chloride	20		5.5 U	27 U	34000 U	7100 U	130000 U	34 U	28 U	6.6 U
Xylenes (total)	1600		2.6 J	410	**250000**	**68000**	**510000**	**4800**	4.4 J	410

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
B - The analyte was found in an associated blank, as well as in the sample
* - Lab Control Sample or Lab Control Sample Duplicate exceeds the control limits
NA - Compound was not analyzed by the laboratory
DUP - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	Sample Designation:	R-SB-6	R-SB-7	R-SB-7	R-SB-7	R-SB-7	R-SB-8	R-SB-8	R-SB-9
		Sample Date:	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/4/2011	3/4/2011	3/4/2011
		Sample Depth (ft bls):	11-12	4-5	7-8	10-11	14-15	7-8	9-10	11-12
1,1,1-Trichloroethane	680		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
1,1,2,2-Tetrachloroethane	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
1,1,2-Trichloroethane	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
1,1-Dichloroethane	270		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
1,1-Dichloroethene	330		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
1,2,4-Trichlorobenzene	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
1,2-Dibromoethane	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
1,2-Dichlorobenzene	1100		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
1,2-Dichloroethane	20		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
1,2-Dichloropropane	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
1,3-Dichlorobenzene	2400		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
1,4-Dichlorobenzene	1800		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
2-Butanone (MEK)	120		11 U	19	12 U	12 U	13 U	11 U	64 U	12 U
2-Hexanone	--		11 U	11 U	12 U	12 U	13 U	11 U	64 U	12 U
4-Methyl-2-pentanone (MIBK)	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Acetone	50		16 J B	**93**	38 B	**94**	24 J B	25 B	**72 J B**	21 J B
Benzene	60		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Bromodichloromethane	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Bromoform	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Bromomethane	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Carbon disulfide	--		5.7 U *	0.98 J	5.8 U *	5.9 U	6.5 U *	5.6 U	32 U	5.8 U *
Carbon tetrachloride	760		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Chlorobenzene	1100		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Chloroethane	1900		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Chloroform	370		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Chloromethane	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
cis-1,2-Dichloroethene	250		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
cis-1,3-Dichloropropene	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Cyclohexane	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Dibromochloromethane	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Dibromochloropropane	--		11 U	11 U	12 U	12 U	13 U	11 U	64 U	12 U
Dichlorodifluoromethane	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U *	32 U *	5.8 U
Ethylbenzene	1000		5.7 U	5.6 J	5.8 U	5.9 U	6.5 U	4.2 J	32 U	5.8 U
Freon 113	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	**Sample Designation:**	R-SB-6	R-SB-7	R-SB-7	R-SB-7	R-SB-7	R-SB-8	R-SB-8	R-SB-9
		Sample Date:	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/7/2011	3/4/2011	3/4/2011	3/4/2011
		Sample Depth (ft bls):	11-12	4-5	7-8	10-11	14-15	7-8	9-10	11-12
Isopropylbenzene	--		1.6 J	3 J	0.27 J	5.9 U	6.5 U	5.6 U	3.7 J	5.8 U
Methyl acetate	--		5.7 U *	5.7 U *	5.8 U *	12 *	6.5 U *	3.1 J	32 U	5.8 U *
Methylcyclohexane	--		5.7 U	3.2 J	2.6 J	5.9 U	6.5 U	2.8 J	10 J	5.8 U
Methylene chloride	50		5.2 J B	6.8 J B	5.3 J B	5.3 J B	5.7 J B	7 J B	40 J B	5.6 J B
MTBE	930		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Styrene	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Tetrachloroethene	1300		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Toluene	700		4.7 J B	55	2.5 J B	32 B	2.7 J B	5.8	60	3 J B
trans-1,2-Dichloroethene	190		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
trans-1,3-Dichloropropene	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Trichloroethene	470		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Trichlorofluoromethane	--		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Vinyl chloride	20		5.7 U	5.7 U	5.8 U	5.9 U	6.5 U	5.6 U	32 U	5.8 U
Xylenes (total)	1600		1.5 J	8.2	0.56 J	5.4 J	6.5 U	24	6.2 J	5.8 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
B - The analyte was found in an associated blank, as well as in the sample
* - Lab Control Sample or Lab Control Sample Duplicate exceeds the control limits
NA - Compound was not analyzed by the laboratory
DUP - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	Sample Designation:	R-SB-9	R-SB-9	R-SB-10	R-SB-10	R-SB-10	R-SB-10	R-SB-11	R-SB-11
		Sample Date:	3/4/2011	3/4/2011	3/4/2011	3/4/2011	3/4/2011	3/4/2011	3/8/2011	3/8/2011
		Sample Depth (ft bls):	15-16	21-22	3-4	7-8	13-14	23-24	8-9	11-12
1,1,1-Trichloroethane	680		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
1,1,2,2-Tetrachloroethane	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
1,1,2-Trichloroethane	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
1,1-Dichloroethane	270		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
1,1-Dichloroethene	330		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
1,2,4-Trichlorobenzene	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
1,2-Dibromoethane	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
1,2-Dichlorobenzene	1100		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
1,2-Dichloroethane	20		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
1,2-Dichloropropane	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
1,3-Dichlorobenzene	2400		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
1,4-Dichlorobenzene	1800		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
2-Butanone (MEK)	120		12 U	12 U	11 U	58 U	64000 U	13 U	11 U	12 U
2-Hexanone	--		12 U	12 U	11 U	58 U	64000 U	13 U	11 U	12 U
4-Methyl-2-pentanone (MIBK)	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Acetone	50		6.9 J B	16 J B	7 J B	76 J	160000 U	24 J B	17 J	15 J
Benzene	60		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Bromodichloromethane	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Bromoform	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Bromomethane	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Carbon disulfide	--		6.1 U *	6 U *	5.6 U *	29 U	64000 U	6.3 U *	5.5 U	5.8 U
Carbon tetrachloride	760		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Chlorobenzene	1100		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Chloroethane	1900		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Chloroform	370		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Chloromethane	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
cis-1,2-Dichloroethene	250		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
cis-1,3-Dichloropropene	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Cyclohexane	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U *	5.8 U *
Dibromochloromethane	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Dibromochloropropane	--		12 U	12 U	11 U	58 U	64000 U	13 U	11 U	12 U
Dichlorodifluoromethane	--		6.1 U	6 U	5.6 U	29 U *	64000 U *	6.3 U	5.5 U	5.8 U
Ethylbenzene	1000		6.1 U	6 U	5.6 U	13 J	**65000**	1.1 J	5.5 U	5.8 U
Freon 113	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	Sample Designation:	R-SB-9	R-SB-9	R-SB-10	R-SB-10	R-SB-10	R-SB-10	R-SB-11	R-SB-11
		Sample Date:	3/4/2011	3/4/2011	3/4/2011	3/4/2011	3/4/2011	3/4/2011	3/8/2011	3/8/2011
		Sample Depth (ft bls):	15-16	21-22	3-4	7-8	13-14	23-24	8-9	11-12
Isopropylbenzene	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Methyl acetate	--		6.1 U *	6 U *	5.6 U *	29 U	64000 U	6.3 U *	5.5 U *	5.8 U *
Methylcyclohexane	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Methylene chloride	50		6.5 J B	5.7 J B	6.9 J B	35 J B	**26000 J B**	7.3 J B	4.3 J B	4.9 J B
MTBE	930		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Styrene	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Tetrachloroethene	1300		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Toluene	700		3.3 J B	3.9 J B	0.24 J	20 J	**1500000**	44	0.16 J	0.29 J
trans-1,2-Dichloroethene	190		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
trans-1,3-Dichloropropene	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Trichloroethene	470		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Trichlorofluoromethane	--		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Vinyl chloride	20		6.1 U	6 U	5.6 U	29 U	64000 U	6.3 U	5.5 U	5.8 U
Xylenes (total)	1600		6.1 U	1.4 J	5.6 U	19 J	**350000**	8	5.5 U	5.8 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
B - The analyte was found in an associated blank, as well as in the sample
* - Lab Control Sample or Lab Control Sample Duplicate exceeds the control limits
NA - Compound was not analyzed by the laboratory
DUP - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	Sample Designation:	R-SB-11	R-SB-12	R-SB-12	R-SB-12	R-SB-13	R-SB-13	R-SB-13	R-SB-13
		Sample Date:	3/8/2011	3/8/2011	3/8/2011	3/8/2011	3/8/2011	3/8/2011	3/8/2011	3/8/2011
		Sample Depth (ft bls):	19-20	7-8	11-12	12-13	3-4	7-8	13-14	18-19
1,1,1-Trichloroethane	680		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
1,1,2,2-Tetrachloroethane	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
1,1,2-Trichloroethane	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
1,1-Dichloroethane	270		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
1,1-Dichloroethene	330		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
1,2,4-Trichlorobenzene	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
1,2-Dibromoethane	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
1,2-Dichlorobenzene	1100		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
1,2-Dichloroethane	20		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
1,2-Dichloropropane	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
1,3-Dichlorobenzene	2400		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
1,4-Dichlorobenzene	1800		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
2-Butanone (MEK)	120		13 U	13 U	1100 U	11 U	12 U	11 U	55 U	**3500**
2-Hexanone	--		13 U	13 U	1100 U	11 U	12 U	11 U	55 U	14 U
4-Methyl-2-pentanone (MIBK)	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	29
Acetone	50		20 J	33	2800 U	46	27	14 J	20 J	**120**
Benzene	60		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Bromodichloromethane	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Bromoform	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Bromomethane	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Carbon disulfide	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Carbon tetrachloride	760		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Chlorobenzene	1100		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Chloroethane	1900		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Chloroform	370		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Chloromethane	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
cis-1,2-Dichloroethene	250		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
cis-1,3-Dichloropropene	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Cyclohexane	--		6.4 U *	6.4 U	1100 U	5.4 U	5.9 U	5.6 U *	28 U	6.9 U *
Dibromochloromethane	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Dibromochloropropane	--		13 U	13 U	1100 U	11 U	12 U	11 U	55 U	14 U
Dichlorodifluoromethane	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Ethylbenzene	1000		6.4 U	6.4 U	830 J	1 J	5.9 U	5.6 U	28 U	42
Freon 113	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	**Sample Designation:**	R-SB-11	R-SB-12	R-SB-12	R-SB-12	R-SB-13	R-SB-13	R-SB-13	R-SB-13
		Sample Date:	3/8/2011	3/8/2011	3/8/2011	3/8/2011	3/8/2011	3/8/2011	3/8/2011	3/8/2011
		Sample Depth (ft bls):	19-20	7-8	11-12	12-13	3-4	7-8	13-14	18-19
Isopropylbenzene	--		6.4 U	12	310 J	5.2 J	5.9 U	5.6 U	28 U	6.9 U
Methyl acetate	--		6.4 U *	6.4 U *	1100 U	5.4 U *	5.9 U *	5.6 U *	28 U *	6.9 U *
Methylcyclohexane	--		6.4 U	1.3 J	1100 U	5.4 U	5.9 U	5.6 U	33	6.9 U
Methylene chloride	50		4.7 J B	5.4 J B	**520 J B**	4.1 J B	7 J B	4.6 J B	23 J B	5.7 J B
MTBE	930		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Styrene	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Tetrachloroethene	1300		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Toluene	700		0.8 J	4.8 J B	**1100**	5.1 J B	6	0.88 J	17 J B	**4700**
trans-1,2-Dichloroethene	190		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
trans-1,3-Dichloropropene	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Trichloroethene	470		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Trichlorofluoromethane	--		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Vinyl chloride	20		6.4 U	6.4 U	1100 U	5.4 U	5.9 U	5.6 U	28 U	6.9 U
Xylenes (total)	1600		6.4 U	11	**43000**	56	5.9 U	5.6 U	17 J	260

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
B - The analyte was found in an associated blank, as well as in the sample
* - Lab Control Sample or Lab Control Sample Duplicate exceeds the control limits
NA - Compound was not analyzed by the laboratory
DUP - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	Sample Designation:	R-SB-14	R-SB-14	R-SB-14	R-SB-14	R-SB-15	R-SB-15	R-SB-15	R-SB-15
		Sample Date:	3/8/2011	3/8/2011	3/8/2011	3/8/2011	3/14/2011	3/14/2011	3/14/2011	3/14/2011
		Sample Depth (ft bls):	2-3	7-8	14-15	19-20	1-2	4-5	6-7	9-10
1,1,1-Trichloroethane	680		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
1,1,2,2-Tetrachloroethane	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
1,1,2-Trichloroethane	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
1,1-Dichloroethane	270		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
1,1-Dichloroethene	330		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
1,2,4-Trichlorobenzene	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
1,2-Dibromoethane	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
1,2-Dichlorobenzene	1100		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
1,2-Dichloroethane	20		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
1,2-Dichloropropane	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
1,3-Dichlorobenzene	2400		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
1,4-Dichlorobenzene	1800		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
2-Butanone (MEK)	120		11 U	11 U	58 U	62	12 U	11 U	11 U	5400 U
2-Hexanone	--		11 U	11 U	58 U	14 U	12 U	11 U	11 U	5400 U
4-Methyl-2-pentanone (MIBK)	--		5.3 U	5.4 U	29 U	5 J	6 U	5.5 U	5.4 U	5400 U
Acetone	50		21 U	4 J	27 J	18 J	24 U	22 U	21 U	14000 U
Benzene	60		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Bromodichloromethane	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Bromoform	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Bromomethane	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Carbon disulfide	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Carbon tetrachloride	760		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Chlorobenzene	1100		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Chloroethane	1900		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Chloroform	370		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Chloromethane	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
cis-1,2-Dichloroethene	250		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
cis-1,3-Dichloropropene	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Cyclohexane	--		5.3 U	5.4 U	29 U	6.9 U *	6 U	5.5 U	5.4 U	5400 U
Dibromochloromethane	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Dibromochloropropane	--		11 U	11 U	58 U	14 U	12 U	11 U	11 U	5400 U
Dichlorodifluoromethane	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Ethylbenzene	1000		5.3 U	5.4 U	29 U	28	6 U	5.5 U	5.4 U	**31000**
Freon 113	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	**Sample Designation:**	R-SB-14	R-SB-14	R-SB-14	R-SB-14	R-SB-15	R-SB-15	R-SB-15	R-SB-15
		Sample Date:	3/8/2011	3/8/2011	3/8/2011	3/8/2011	3/14/2011	3/14/2011	3/14/2011	3/14/2011
		Sample Depth (ft bls):	2-3	7-8	14-15	19-20	1-2	4-5	6-7	9-10
Isopropylbenzene	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	1500 J
Methyl acetate	--		5.3 U *	5.4 U *	29 U *	6.9 U *	6 U *	5.5 U *	5.4 U *	5400 U
Methylcyclohexane	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Methylene chloride	50		5.9 J B	4.1 J B	26 J B	4.4 J B	2.5 J B	4.1 J B	3.1 J B	**1700 J B**
MTBE	930		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Styrene	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Tetrachloroethene	1300		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Toluene	700		34	1.1 J B	18 J B	**3400**	29 B	1.6 J B	0.62 J B	**130000**
trans-1,2-Dichloroethene	190		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
trans-1,3-Dichloropropene	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Trichloroethene	470		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Trichlorofluoromethane	--		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Vinyl chloride	20		5.3 U	5.4 U	29 U	6.9 U	6 U	5.5 U	5.4 U	5400 U
Xylenes (total)	1600		1 J	5.4 U	13 J	170	1.8 J	5.5 U	5.4 U	**280000**

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
B - The analyte was found in an associated blank, as well as in the sample
* - Lab Control Sample or Lab Control Sample Duplicate exceeds the control limits
NA - Compound was not analyzed by the laboratory
DUP - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	Sample Designation:	R-SB-15	R-SB-16	R-SB-16	R-SB-16	R-SB-16	R-SB-17	R-SB-17
		Sample Date:	3/14/2011	3/9/2011	3/9/2011	3/9/2011	3/9/2011	3/14/2011	3/14/2011
		Sample Depth (ft bls):	14-15	7-8	13-14	19-20	24-25	6-7	11-12
1,1,1-Trichloroethane	680		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
1,1,2,2-Tetrachloroethane	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
1,1,2-Trichloroethane	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
1,1-Dichloroethane	270		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
1,1-Dichloroethene	330		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
1,2,4-Trichlorobenzene	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
1,2-Dibromoethane	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
1,2-Dichlorobenzene	1100		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
1,2-Dichloroethane	20		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
1,2-Dichloropropane	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
1,3-Dichlorobenzene	2400		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
1,4-Dichlorobenzene	1800		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
2-Butanone (MEK)	120		1100 U	4400 U	43000 U	56 U	31	**600**	**170000 B**
2-Hexanone	--		1100 U	4400 U	43000 U	56 U	14 U	580 U	6300 U
4-Methyl-2-pentanone (MIBK)	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Acetone	50		2800 U	11000 U	110000 U	16 J	**86**	1500 U	16000 U
Benzene	60		1100 U	4400 U	43000 U	28 U	7.9	580 U	6300 U
Bromodichloromethane	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Bromoform	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Bromomethane	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U *
Carbon disulfide	--		1100 U	4400 U	43000 U	28 U	12	580 U	6300 U
Carbon tetrachloride	760		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Chlorobenzene	1100		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Chloroethane	1900		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U *
Chloroform	370		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Chloromethane	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
cis-1,2-Dichloroethene	250		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
cis-1,3-Dichloropropene	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Cyclohexane	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Dibromochloromethane	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Dibromochloropropane	--		1100 U	4400 U	43000 U	56 U	14 U	580 U	6300 U
Dichlorodifluoromethane	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Ethylbenzene	1000		**16000**	**2200 J**	**15000 J**	28 U	280	**3500**	**3000 J**
Freon 113	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	Sample Designation:	R-SB-15	R-SB-16	R-SB-16	R-SB-16	R-SB-16	R-SB-17	R-SB-17
		Sample Date:	3/14/2011	3/9/2011	3/9/2011	3/9/2011	3/9/2011	3/14/2011	3/14/2011
		Sample Depth (ft bls):	14-15	7-8	13-14	19-20	24-25	6-7	11-12
Isopropylbenzene	--		270 J	1200 J	43000 U	28 U	4.2 J	190 J	6300 U
Methyl acetate	--		1100 U	4400 U	43000 U	28 U *	7.2 U *	100 J	6300 U
Methylcyclohexane	--		79 J	4400 U	43000 U	28 U	7.2 U	100 J	6300 U
Methylene chloride	50		**370 J B**	**1900 J B**	**19000 J B**	23 J B	7.1 J B	**260 J B**	6300 U
MTBE	930		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Styrene	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Tetrachloroethene	1300		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Toluene	700		**23000**	4400 U	**830000**	38 B	**3300**	270 J	**150000**
trans-1,2-Dichloroethene	190		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
trans-1,3-Dichloropropene	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Trichloroethene	470		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Trichlorofluoromethane	--		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Vinyl chloride	20		1100 U	4400 U	43000 U	28 U	7.2 U	580 U	6300 U
Xylenes (total)	1600		**110000**	**180000**	**120000**	5.4 J	**4800**	**18000**	**21000**

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
B - The analyte was found in an associated blank, as well as in the sample
* - Lab Control Sample or Lab Control Sample Duplicate exceeds the control limits
NA - Compound was not analyzed by the laboratory
DUP - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	**Sample Designation:**	R-SB-17	R-SB-18	R-SB-18
		Sample Date:	3/14/2011	3/9/2011	3/9/2011
		Sample Depth (ft bls):	17-18	3-4	5-6
1,1,1-Trichloroethane	680		5.3 U	6 U	5.8 U
1,1,2,2-Tetrachloroethane	--		5.3 U	6 U	5.8 U
1,1,2-Trichloroethane	--		5.3 U	6 U	5.8 U
1,1-Dichloroethane	270		5.3 U	6 U	5.8 U
1,1-Dichloroethene	330		5.3 U	6 U	5.8 U
1,2,4-Trichlorobenzene	--		5.3 U	6 U	5.8 U
1,2-Dibromoethane	--		5.3 U	6 U	5.8 U
1,2-Dichlorobenzene	1100		5.3 U	6 U	5.8 U
1,2-Dichloroethane	20		5.3 U	6 U	5.8 U
1,2-Dichloropropane	--		5.3 U	6 U	5.8 U
1,3-Dichlorobenzene	2400		5.3 U	6 U	5.8 U
1,4-Dichlorobenzene	1800		5.3 U	6 U	5.8 U
2-Butanone (MEK)	120		**430**	12 U	12 U
2-Hexanone	--		11 U	12 U	12 U
4-Methyl-2-pentanone (MIBK)	--		5.3 U	6 U	5.8 U
Acetone	50		12 J	2.7 J	23 U
Benzene	60		5.3 U	6 U	5.8 U
Bromodichloromethane	--		5.3 U	6 U	5.8 U
Bromoform	--		5.3 U	6 U	5.8 U
Bromomethane	--		5.3 U	6 U	5.8 U
Carbon disulfide	--		5.3 U	6 U	5.8 U
Carbon tetrachloride	760		5.3 U	6 U	5.8 U
Chlorobenzene	1100		5.3 U	6 U	5.8 U
Chloroethane	1900		5.3 U	6 U	5.8 U
Chloroform	370		5.3 U	6 U	5.8 U
Chloromethane	--		5.3 U	6 U	5.8 U
cis-1,2-Dichloroethene	250		5.3 U	6 U	5.8 U
cis-1,3-Dichloropropene	--		5.3 U	6 U	5.8 U
Cyclohexane	--		5.3 U	6 U *	5.8 U *
Dibromochloromethane	--		5.3 U	6 U	5.8 U
Dibromochloropropane	--		11 U	12 U	12 U
Dichlorodifluoromethane	--		5.3 U	6 U	5.8 U
Ethylbenzene	1000		5.3 U	6 U	5.8 U
Freon 113	--		5.3 U	6 U	5.8 U

Table 2. Summary of Volatile Organic Compounds in Soil, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Protection of Groundwater	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	R-SB-17 3/14/2011 17-18	R-SB-18 3/9/2011 3-4	R-SB-18 3/9/2011 5-6
Isopropylbenzene	--		5.3 U	6 U	5.8 U
Methyl acetate	--		5.3 U *	6 U *	5.8 U *
Methylcyclohexane	--		5.3 U	6 U	5.8 U
Methylene chloride	50		3.5 J B	4.7 J B	4.1 J B
MTBE	930		5.3 U	6 U	5.8 U
Styrene	--		5.3 U	6 U	5.8 U
Tetrachloroethene	1300		5.3 U	6 U	5.8 U
Toluene	700		19	3 J	0.37 J
trans-1,2-Dichloroethene	190		5.3 U	6 U	5.8 U
trans-1,3-Dichloropropene	--		5.3 U	6 U	5.8 U
Trichloroethene	470		5.3 U	6 U	5.8 U
Trichlorofluoromethane	--		5.3 U	6 U	5.8 U
Vinyl chloride	20		5.3 U	6 U	5.8 U
Xylenes (total)	1600		3.2 J	4 J	1.7 J

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
B - The analyte was found in an associated blank, as well as in the sample
* - Lab Control Sample or Lab Control Sample Duplicate exceeds the control limits
NA - Compound was not analyzed by the laboratory
DUP - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater

Table 3. Summary of Volatile Organic Compounds in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	FB-030411	FB-030711	FB030811	FB030911	FB 031411	FB031511	FB031711
		Sample Date:	3/4/2011	3/7/2011	3/8/2011	3/9/2011	3/14/2011	3/15/2011	3/17/2011
		Sample Depth (ft bls):	-	-	-	-	-	-	-
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	3		5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	--		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50		10 U	10 U	10 U	1.1 J	10 U	10 U	7 J
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5		5 U	5 U *	5 U *	5 U	5 U	5 U	5 U
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon 113	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U

Table 3. Summary of Volatile Organic Compounds in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	FB-030411 3/4/2011 -	FB-030711 3/7/2011 -	FB030811 3/8/2011 -	FB030911 3/9/2011 -	FB 031411 3/14/2011 -	FB031511 3/15/2011 -	FB031711 3/17/2011 -
Methyl acetate	--		5 U *	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5		1.5 J B	1.8 J B	1.8 J B	5 U	1.4 J B	1.7 J	5 U
MTBE	10		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	5		5 U	0.91 J B	0.88 J B	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	2		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
E - Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis
B - The analyte was found in an associated blank, as well as in the sample
* - LCS or LCSD exceeds the control limits
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 3. Summary of Volatile Organic Compounds in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	R-SB-1/GW	R-SB-3/GW	R-SB-3/GW	R-SB-4/GW	R-SB-4/GW	R-SB-8/GW
		Sample Date:	3/18/2011	3/15/2011	3/18/2011	3/15/2011	3/18/2011	3/15/2011
		Sample Depth (ft bls):	12 - 13	6 - 7	14 - 15	6 - 7	9 - 10	7 - 8
1,1,1-Trichloroethane	5		1.5 J	5 U	100 U	5 U	100 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	100 U	5 U	100 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	100 U	5 U	100 U	5 U
1,1-Dichloroethane	5		5 U	2.6 J	100 U	5 U	100 U	5 U
1,1-Dichloroethene	5		5 U	5 U	100 U	5 U	100 U	5 U
1,2,4-Trichlorobenzene	5		5 U	5 U	100 U	5 U	100 U	5 U
1,2-Dibromoethane	5		5 U	5 U	100 U	5 U	100 U	5 U
1,2-Dichlorobenzene	3		5 U	0.46 J	100 U	2.2 J	100 U	5 U
1,2-Dichloroethane	0.6		5 U	5 U	100 U	5 U	100 U	5 U
1,2-Dichloropropane	1		5 U	5 U	100 U	5 U	100 U	5 U
1,3-Dichlorobenzene	3		5 U	5 U	100 U	5 U	100 U	5 U
1,4-Dichlorobenzene	3		5 U	5 U	100 U	5 U	100 U	5 U
2-Butanone (MEK)	50		3.9 J	**66**	**170 J**	10 U	200 U	10 U
2-Hexanone	50		10 U	10 U	200 U	10 U	200 U	10 U
4-Methyl-2-pentanone (MIBK)	--		6.8 J	1.5 J	39 J	10 U	200 U	10 U
Acetone	50		7 J	10 U	**56 J**	10 U	28 J	2.3 J
Benzene	1		**7.6**	**21**	**36 J**	**23**	**22 J**	5 U
Bromodichloromethane	50		5 U	5 U	100 U	5 U	100 U	5 U
Bromoform	50		5 U	5 U	100 U	5 U	100 U	5 U
Bromomethane	5		5 U	5 U	100 U	5 U	100 U	5 U *
Carbon disulfide	60		1.1 J	1.5 J	100 U	5 U	100 U	5 U
Carbon tetrachloride	5		5 U	5 U	100 U	5 U	100 U	5 U
Chlorobenzene	5		5 U	5 U	100 U	5 U	100 U	5 U
Chloroethane	5		5 U	5 U	100 U	**7.2**	100 U	5 U *
Chloroform	7		5 U	5 U	100 U	5 U	100 U	5 U
Chloromethane	--		5 U	5 U	100 U	5 U	100 U	5 U
cis-1,2-Dichloroethene	5		5 U	2.4 J	100 U	1.9 J	100 U	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	100 U	5 U	100 U	5 U
Cyclohexane	--		5 U	5 U	100 U	5 U	100 U	5 U
Dibromochloromethane	50		5 U	5 U	100 U	5 U	100 U	5 U
Dibromochloropropane	--		5 U	5 U	100 U	5 U	100 U	5 U
Dichlorodifluoromethane	5		5 U	5 U	100 U	5 U	100 U	5 U
Ethylbenzene	5		**43**	**130**	**140**	**5.6**	**190**	5 U
Freon 113	--		5 U	5 U	100 U	5 U	100 U	5 U
Isopropylbenzene	5		2.5 J	**17**	**64 J**	**46**	**58 J**	1.2 J

Table 3. Summary of Volatile Organic Compounds in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	R-SB-1/GW 3/18/2011 12 - 13	R-SB-3/GW 3/15/2011 6 - 7	R-SB-3/GW 3/18/2011 14 - 15	R-SB-4/GW 3/15/2011 6 - 7	R-SB-4/GW 3/18/2011 9 - 10	R-SB-8/GW 3/15/2011 7 - 8
Methyl acetate	--		5 U	5 U	100 U	5 U	100 U	5 U
Methylcyclohexane	--		3.1 J	5 U	100 U	1.2 J	100 U	5 U
Methylene chloride	5		5 U	5 U	100 U	5 U	100 U	5 U
MTBE	10		5 U	0.23 J	100 U	5 U	100 U	5 U
Styrene	5		2.7 J	5 U	100 U	5 U	100 U	5 U
Tetrachloroethene	5		5 U	5 U	100 U	5 U	100 U	5 U
Toluene	5		**4000**	**440**	**34000**	**140**	**6900**	5 U
trans-1,2-Dichloroethene	5		5 U	5 U	100 U	5 U	100 U	5 U
trans-1,3-Dichloropropene	--		5 U	5 U	100 U	5 U	100 U	5 U
Trichloroethene	5		5 U	5 U	100 U	5 U	100 U	5 U
Trichlorofluoromethane	5		5 U	5 U	100 U	5 U	100 U	5 U
Vinyl chloride	2		5 U	5 U	100 U	5 U	100 U	5 U
Xylenes (total)	5		**250**	**730**	**1000**	**12**	**830**	5 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
E - Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis
B - The analyte was found in an associated blank, as well as in the sample
* - LCS or LCSD exceeds the control limits
DUP - Duplicate
-- No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 3. Summary of Volatile Organic Compounds in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	R-SB-8/GW	R-SB-9/GW	R-SB-10/GW	R-SB-10/GW	R-SB-14/GW	R-SB-14/GW
		Sample Date:	3/18/2011	3/15/2011	3/15/2011	3/18/2011	3/15/2011	3/18/2011
		Sample Depth (ft bls):	10 - 15	8 - 9	8 - 9	12 - 15	6 - 7	12 - 15
1,1,1-Trichloroethane	5		5 U	5 U	5 U	100 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	100 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	100 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	100 U	5 U	5 U
1,1-Dichloroethene	5		5 U	5 U	5 U	100 U	5 U	5 U
1,2,4-Trichlorobenzene	5		5 U	5 U	5 U	100 U	5 U	5 U
1,2-Dibromoethane	5		5 U	5 U	5 U	100 U	5 U	5 U
1,2-Dichlorobenzene	3		5 U	5 U	0.85 J	100 U	5 U	5 U
1,2-Dichloroethane	0.6		5 U	5 U	5 U	100 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	100 U	5 U	5 U
1,3-Dichlorobenzene	3		5 U	5 U	5 U	100 U	5 U	5 U
1,4-Dichlorobenzene	3		5 U	5 U	5 U	100 U	5 U	5 U
2-Butanone (MEK)	50		10 U	10 U	10 U	200 U	10 U	10 U
2-Hexanone	50		10 U	10 U	10 U	200 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	--		10 U	10 U	10 U	76 J	10 U	10 U
Acetone	50		1.7 J	10 U	10 U	41 J	6 J	1.8 J
Benzene	1		5 U	5 U	**1.5 J**	100 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	100 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	100 U	5 U	5 U
Bromomethane	5		5 U	5 U *	5 U	100 U	5 U	5 U
Carbon disulfide	60		5 U	5 U	5 U	100 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	100 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	100 U	5 U	5 U
Chloroethane	5		5 U	5 U *	5 U	100 U	5 U	5 U
Chloroform	7		5 U	5 U	5 U	100 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	100 U	5 U	5 U
cis-1,2-Dichloroethene	5		5 U	5 U	2.5 J	**46 J**	5 U	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	100 U	5 U	5 U
Cyclohexane	--		5 U	5 U	5 U	100 U	5 U	5 U
Dibromochloromethane	50		5 U	5 U	5 U	100 U	5 U	5 U
Dibromochloropropane	--		5 U	5 U	5 U	100 U	5 U	5 U
Dichlorodifluoromethane	5		5 U	5 U	5 U	100 U	5 U	5 U
Ethylbenzene	5		5 U	5 U	**23**	**1300**	5 U	5 U
Freon 113	--		5 U	5 U	5 U	100 U	5 U	5 U
Isopropylbenzene	5		5 U	5 U	**9.1**	**39 J**	5 U	5 U

Table 3. Summary of Volatile Organic Compounds in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	R-SB-8/GW 3/18/2011 10 - 15	R-SB-9/GW 3/15/2011 8 - 9	R-SB-10/GW 3/15/2011 8 - 9	R-SB-10/GW 3/18/2011 12 - 15	R-SB-14/GW 3/15/2011 6 - 7	R-SB-14/GW 3/18/2011 12 - 15
Methyl acetate	--		5 U *	5 U	5 U	100 U	5 U	5 U *
Methylcyclohexane	--		5 U	5 U	5 U	100 U	5 U	5 U
Methylene chloride	5		5 U	5 U	5 U	100 U	5 U	5 U
MTBE	10		5 U	5 U	5 U	100 U	5 U	5 U
Styrene	5		5 U	5 U	5 U	100 U	5 U	5 U
Tetrachloroethene	5		5 U	5 U	5 U	100 U	5 U	5 U
Toluene	5		**42**	2.1 J	**140**	**130000**	3.4 J	**10**
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	100 U	5 U	5 U
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	100 U	5 U	5 U
Trichloroethene	5		5 U	5 U	5 U	100 U	5 U	5 U
Trichlorofluoromethane	5		5 U	5 U	5 U	100 U	5 U	5 U
Vinyl chloride	2		5 U	5 U	1.1 J	100 U	5 U	5 U
Xylenes (total)	5		5 U	5 U	**3300**	**10000 E**	5 U	5 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
E - Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis
B - The analyte was found in an associated blank, as well as in the sample
* - LCS or LCSD exceeds the control limits
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 3. Summary of Volatile Organic Compounds in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	R-SB-15/GW 3/15/2011 6 - 7	R-SB-15/GW 3/18/2011 9 - 14	R-SB-16/GW 3/15/2011 6 - 7	R-SB-16/GW 3/18/2011 15 - 20	TB-030411 3/4/2011 -	TB-030811 3/8/2011 -
1,1,1-Trichloroethane	5		50 U	250 U	5 U	**560**	5 U	5 U
1,1,2,2-Tetrachloroethane	5		50 U	250 U	5 U	250 U	5 U	5 U
1,1,2-Trichloroethane	1		50 U	250 U	5 U	250 U	5 U	5 U
1,1-Dichloroethane	5		50 U	250 U	**7.2**	250 U	5 U	5 U
1,1-Dichloroethene	5		50 U	250 U	5 U	250 U	5 U	5 U
1,2,4-Trichlorobenzene	5		50 U	250 U	5 U	250 U	5 U	5 U
1,2-Dibromoethane	5		50 U	250 U	5 U	250 U	5 U	5 U
1,2-Dichlorobenzene	3		50 U	250 U	**3.4 J**	250 U	5 U	5 U
1,2-Dichloroethane	0.6		50 U	250 U	5 U	250 U	5 U	5 U
1,2-Dichloropropane	1		50 U	250 U	5 U	250 U	5 U	5 U
1,3-Dichlorobenzene	3		50 U	250 U	5 U	250 U	5 U	5 U
1,4-Dichlorobenzene	3		50 U	250 U	5 U	250 U	5 U	5 U
2-Butanone (MEK)	50		42 J B	500 U	10 U	500 U	10 U	10 U
2-Hexanone	50		100 U	500 U	10 U	500 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	--		100 U	500 U	10 U	500 U	10 U	10 U
Acetone	50		100 U	500 U	10 U	**70 J**	10 U	10 U
Benzene	1		50 U	250 U	**1.5 J**	250 U	5 U	5 U
Bromodichloromethane	50		50 U	250 U	5 U	250 U	5 U	5 U
Bromoform	50		50 U	250 U	5 U	250 U	5 U	5 U
Bromomethane	5		50 U *	250 U	5 U	250 U	5 U	5 U
Carbon disulfide	60		50 U	250 U	5 U	250 U	5 U	5 U
Carbon tetrachloride	5		50 U	250 U	5 U	250 U	5 U	5 U
Chlorobenzene	5		50 U	250 U	5 U	250 U	5 U	5 U
Chloroethane	5		50 U *	250 U	**11**	250 U	5 U	5 U
Chloroform	7		50 U	250 U	5 U	250 U	5 U	5 U
Chloromethane	--		50 U	250 U	5 U	250 U	5 U	5 U
cis-1,2-Dichloroethene	5		**23 J**	250 U	**7.1**	250 U	5 U	5 U
cis-1,3-Dichloropropene	5		50 U	250 U	5 U	250 U	5 U	5 U
Cyclohexane	--		50 U	250 U	5 U	250 U	5 U	5 U
Dibromochloromethane	50		50 U	250 U	5 U	250 U	5 U	5 U
Dibromochloropropane	--		50 U	250 U	5 U	250 U	5 U	5 U
Dichlorodifluoromethane	5		50 U	250 U	5 U	250 U	5 U	5 U *
Ethylbenzene	5		**2700**	**4700**	**140**	**2200**	5 U	5 U
Freon 113	--		50 U	250 U	5 U	250 U	5 U	5 U
Isopropylbenzene	5		**45 J**	**110 J**	**32**	**92 J**	5 U	5 U

Table 3. Summary of Volatile Organic Compounds in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	R-SB-15/GW 3/15/2011 6 - 7	R-SB-15/GW 3/18/2011 9 - 14	R-SB-16/GW 3/15/2011 6 - 7	R-SB-16/GW 3/18/2011 15 - 20	TB-030411 3/4/2011 -	TB-030811 3/8/2011 -
Methyl acetate	--		50 U	250 U	5 U	250 U	5 U *	5 U
Methylcyclohexane	--		50 U	250 U	2.1 J	250 U	5 U	5 U
Methylene chloride	5		50 U	250 U	5 U	250 U	2.2 J B	2.7 J B
MTBE	10		50 U	250 U	5 U	250 U	5 U	5 U
Styrene	5		50 U	250 U	5 U	**130 J**	5 U	5 U
Tetrachloroethene	5		50 U	250 U	5 U	250 U	5 U	5 U
Toluene	5		**37000**	**29000**	**1800**	**320000**	5 U	0.9 J B
trans-1,2-Dichloroethene	5		50 U	250 U	5 U	250 U	5 U	5 U
trans-1,3-Dichloropropene	--		50 U	250 U	5 U	250 U	5 U	5 U
Trichloroethene	5		50 U	250 U	0.64 J	250 U	5 U	5 U
Trichlorofluoromethane	5		50 U	250 U	5 U	250 U	5 U	5 U
Vinyl chloride	2		50 U	250 U	5 U	250 U	5 U	5 U
Xylenes (total)	5		**21000**	**22000**	**2900**	**19000 E**	5 U	5 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
E - Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis
B - The analyte was found in an associated blank, as well as in the sample
* - LCS or LCSD exceeds the control limits
DUP - Duplicate
-- No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 3. Summary of Volatile Organic Compounds in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:**	TB031111	Trp Blank	TRIP BLANK	TRIP BLANK	TRIP BLANK
		Sample Date:	3/11/2011	3/14/2011	3/15/2011	3/15/2011	3/18/2011
		Sample Depth (ft bls):	-	-	-	-	-
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5		5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5		5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3		5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	3		5 U	5 U	5 U	5 U	5 U
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U	10 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	--		10 U	10 U	10 U	10 U	10 U
Acetone	50		1.2 J	10 U	10 U	10 U	1.1 J
Benzene	1		5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5		5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U
Freon 113	--		5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5		5 U	5 U	5 U	5 U	5 U

Table 3. Summary of Volatile Organic Compounds in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:**	TB031111	Trp Blank	TRIP BLANK	TRIP BLANK	TRIP BLANK
		Sample Date:	3/11/2011	3/14/2011	3/15/2011	3/15/2011	3/18/2011
		Sample Depth (ft bls):	-	-	-	-	-
Methyl acetate	--		5 U	5 U	5 U	5 U	5 U *
Methylcyclohexane	--		5 U	5 U	5 U	5 U	5 U
Methylene chloride	5		1.7 J	2.7 J B	2.8 J	3.7 J	2.2 J B
MTBE	10		5 U	5 U	5 U	5 U	5 U
Styrene	5		5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5		5 U	5 U	5 U	5 U	5 U
Toluene	5		5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5		5 U	5 U	5 U	5 U	5 U
Vinyl chloride	2		5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
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DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 4. Summary of Metals in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	R-SB-14/GW 3/15/2011 6 - 7	R-SB-14/GW 3/15/2011 6 - 7 Filtered	R-SB-15/GW 3/15/2011 6 - 7	R-SB-15/GW 3/15/2011 6 - 7 Filtered	R-SB-16/GW 3/15/2011 6 - 7	R-SB-16/GW 3/15/2011 6 - 7 Filtered
Aluminum	--		8960	27.1 J	7040	125 U	16600	125 U
Antimony	3		2.7 J	**3.2 J**	4 U	4 U	4 U	4 U
Arsenic	25		7	2.3 J	**31.8**	3	**31.1**	7.4
Barium	1000		77.8	10.1	84.6	21.1	90.8	10
Beryllium	3		2.5 U	2.5 U	2.5 U	2.5 U	0.91 J	2.5 U
Cadmium	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Calcium	--		17100	16400	44600	41900	40700	35700
Chromium	50		16.5	1.9 J	13.8	1.3 J	38.5	1.5 J
Cobalt	--		1.2 J	2.5 U	19.5	14.4	9.2	1.3 J
Copper	200		22.3	12.8	18.8	2.2 J	25.7	0.77 J
Iron	--		7140	89.3 J	132000	54700	111000	57800
Lead	25		11	2.5 U	**36.1**	2.5 U	17.9	2.5 U
Magnesium	--		18200	16800	12400	10500	18100	13100
Manganese	300		128	104	**4560**	**4320**	**776**	**604**
Mercury	0.7		0.2 U	0.2 U	0.13 J	0.2 U	0.2 U	0.2 U
Nickel	100		10.4	3.5	13.5	2.6	16.8	1.6 J
Potassium	--		1450	403	2320	1610	4370	2330
Selenium	10		3.5 J	3 J	1 J	5 U	4.1 J	5 U
Silver	50		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Sodium	20000		12300	12100	**81100**	**79400**	**44100**	**43000**
Thallium	0.5		3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Vanadium	--		13.8	3	22.2	0.54 J	43.4	0.63 J
Zinc	2000		98.6	45	89.7	35.3	70.3	22.5 J

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- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 4. Summary of Metals in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	R-SB-4/GW	R-SB-4/GW	R-SB-8/GW	R-SB-8/GW	R-SB-9/GW	R-SB-9/GW
		Sample Date:	3/15/2011	3/15/2011	3/15/2011	3/15/2011	3/15/2011	3/15/2011
		Sample Depth (ft bls):	6 - 7	6 - 7 Filtered	7 - 8	7 - 8 Filtered	8 - 9	8 - 9 Filtered
Aluminum	--		10200	125 U	32000	125 U	7520	125 U
Antimony	3		1.1 J	4 U	4 U	4 U	4 U	4 U
Arsenic	25		7.7	2.8	**32.8**	2.4 J	20.6	10.8
Barium	1000		165	31.4	377	79.9	107	29.3
Beryllium	3		0.51 J	2.5 U	2.4 J	2.5 U	0.83 J	2.5 U
Cadmium	5		2.5 U	2.5 U	0.57 J	2.5 U	0.85 J	0.74 J
Calcium	--		140000	136000	86800	80000	46700	43400
Chromium	50		21.2	1.4 J	**63.9**	1.2 J	17.2	1.4 J
Cobalt	--		6.5	1.1 J	20.3	2.5 U	20.4	9.4
Copper	200		22.8	0.8 J	52.3	3.1 J	24.7	2.7 J
Iron	--		119000	52000	89900	105 J	29000	7100
Lead	25		12	2.5 U	**28.6**	2.5 U	6.7	2.5 U
Magnesium	--		43000	41900	19500	13800	13800	11600
Manganese	300		**4040**	**3730**	**2900**	**766**	**4570**	**4290**
Mercury	0.7		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100		13.5	2.3 J	39.1	1 J	13.5	3.8
Potassium	--		8610	8190	6270	3620	8540	7020
Selenium	10		1.3 J	1.3 J	4.9 J	5 U	1.9 J	1.5 J
Silver	50		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Sodium	20000		**164000**	**165000**	**29000**	**34400**	**153000**	**145000**
Thallium	0.5		3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Vanadium	--		17.4	0.6 J	85.2	2.5 U	36.2	1.6 J
Zinc	2000		120	17.7 J	203	26.4	82.8	46.6

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 5. Summary of Wet Chemistry in Groundwater, Konica Minolta, Glen Cove, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	R-SB-14/GW 3/15/2011 6 - 7	R-SB-15/GW 3/15/2011 6 - 7	R-SB-16/GW 3/15/2011 6 - 7	R-SB-4/GW 3/15/2011 6 - 7	R-SB-8/GW 3/15/2011 7 - 8	R-SB-9/GW 3/15/2011 8 - 9
Sulfate	250000		6.7	0.33 J	0.69 J	0.37 J	0.7 J	12.2

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

APPENDICES

APPENDIX A

NAEVA Geophysical Report

Results of Geophysical Investigation
Former Manufacturing Facility
71 Charles Street, Glen Cove, New York

Prepared For:

ROUX

Roux Associates, Inc.
209 Shafter Street, Islandia, New York 11749

Roux Associates' Project Number: 2020.0001Y000

Dates of Investigation: March 2-3, 2011

Submitted By:

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
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Results of Geophysical Investigation
Former Manufacturing Facility
71 Charles Street
Glen Cove, New York

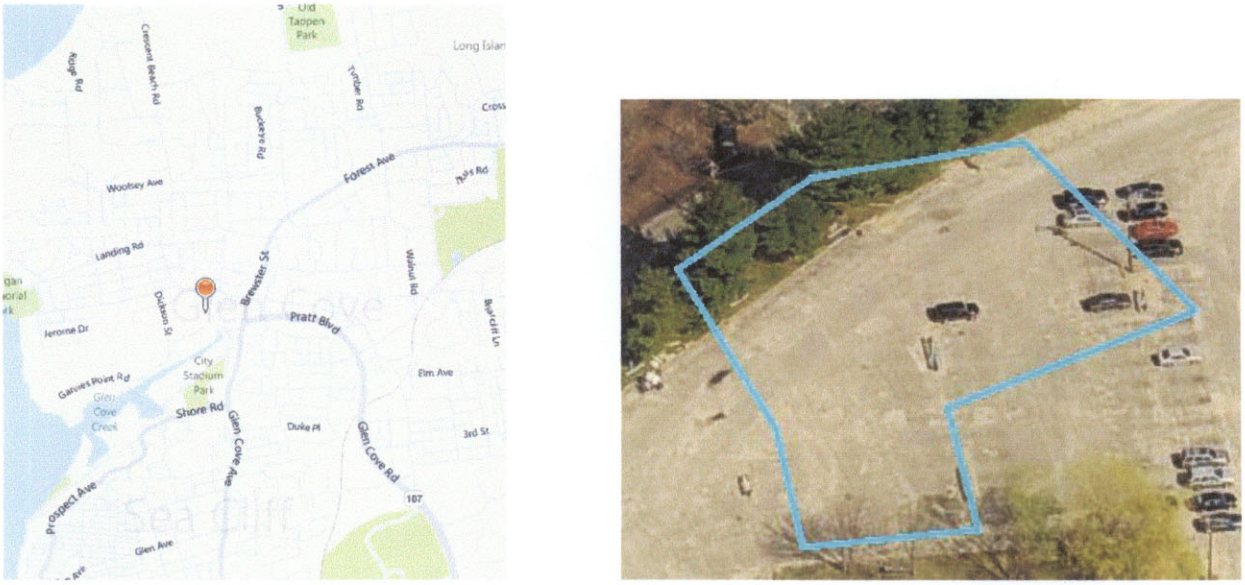
1.0 Introduction

1.1 Purpose

On March 2 and 3, 2011, NAEVA Geophysics, Inc. conducted a geophysical investigation at a former manufacturing facility located at 71 Charles Street in Glen Cove, New York. The purpose of the investigation was to search for the limits of previous excavations, potential buried metal drums, and to mark out detectable utilities and features to allow for the safer placement of 18 proposed exploratory boring sites (PEBSs).

1.2 Area of Investigation

All work was conducted in an irregularly shaped section the asphalt paved parking lot located at the northwestern portion of the property (see Plate 1). The primary area of concern (AOC) was centered on a former Soil Vapor Extraction (SVE) system and several historical soil borings. The boundaries of this approximately 13,424 square-foot primary AOC were marked on the ground by a representative of Roux Associates with white spray paint. The area investigated by NAEVA was expanded somewhat beyond the primary AOC and was bounded to the north by a chain-link fence and to the south by a wooden curb line near the former treatment building. The AOC was open, level, and free of surface obstructions except for short lengths of metallic guard rails which were installed to protect exposed SVE piping from vehicular traffic.



The site location and approximate primary AOC (Bing)

2.0 Methods and Equipment

The equipment used for this investigation included a Geonics EM31 terrain conductivity meter, a Sensors and Software ground penetrating radar (GPR) system with a 250 MHz antenna, a Fisher TW-6 Pipe and Cable Locator (a type of electromagnetic (EM) metal-detector), a Subsite 950 utility locator, and a 3M Dynatel 2250 Cable Locator.

2.1 EM31

The EM31 measures the conductivity of the subsurface material and is useful for delineating areas where conductivity differs from background. These variations can be caused by subsurface features such as landfills, foundations of former buildings, accumulations of buried metal, some contaminant plumes, and also by the electromagnetic fields produced by buried utilities. Terrain conductivity is a function of porosity, conductivity of included soil moisture, degree of saturation, and subsurface material.

The EM31 consists of boom-mounted coplanar electromagnetic transmitter and receiver coils fixed at a distance of 12 feet to one another with an operating frequency of 9.8 kHz. The electronic processing and control unit is located at the midpoint of the boom. Data is stored in a digital data recorder attached to the instrument. A current applied to the transmitter coil produces a time-varying magnetic field, which induces small secondary currents within the earth. These currents, in turn, generate a secondary magnetic field, which is detected along with the primary field by the receiver coil. The secondary signal has the same frequency as the primary signal but has a phase shift. The phase shift of the secondary signal is linearly proportional to the apparent conductivity.

Geonics EM31 terrain conductivity meter

The instrument measures two components of the induced magnetic field. The first is the quadrature-phase component (terrain conductivity), which is a measurement of the apparent soil conductivity expressed in millisiemens per meter (mS/m) that is used to delineate areas of anomalously high or low conductivity. The second is the in-phase component, which is a relative measurement between the induced magnetic field and the earth's magnetic field expressed in parts per thousand (ppt). The in-phase component is much more sensitive to metallic objects and, therefore, can be useful in the detection of buried metal targets. A negative response by the in-phase component is usually an indication of buried metal. However, under certain conditions, met primarily by operating near linear metallic features such as fences and buried utilities, a positive response to metal can be seen in the data. The EM31 is generally not utilized over reinforced concrete pavement.

2.2 Ground Penetrating Radar (GPR)

The Sensors & Software Smart Cart GPR system utilizing a 250 MHz antenna was selected to investigate EM anomalies and the 18 PEBSs. The GPR antenna radiates short pulses of electromagnetic energy into the ground. Whenever these pulses strike an interface having variant dielectric properties, part of the wave is reflected back and detected at the surface. These GPR data profiles are then examined in real-time for parabolic reflections that could be interpreted as representing subsurface utilities, underground storage tanks, or former excavations.

GPR can often provide high-resolution cross-sectional images of buried objects, but its suitability is site-specific. In general, better results are obtained in dry, resistive, sandy soils than in wet, clayey, or conductive ones. Lower frequency signals provide greater depth of penetration, but less resolution, than higher frequency antennas. The 250 MHz shielded antenna is commonly used in urban environments for delineating both metallic and non-metallic subsurface utilities and underground storage tanks.

Sensors and Software GPR system with a 250 MHz antenna

2.3 TW-6

The Fisher TW-6 Pipe and Cable Locator, also known as the M-Scope, is a type of hand-held electromagnetic metal-detector. The instrument consists of a transmitter coil and a receiver coil mounted at opposite ends of a 4-foot horizontal staff. The transmitter is fixed in a vertical

position. The receiver's orientation is then adjusted to the horizontal, exactly perpendicular to the transmitter. When the receiver is in this perpendicular orientation, its response to the transmitter is at a minimum. Metallic objects in the vicinity of the instrument pick up the transmitted signal and, acting as secondary transmitters, cause detectable interference at the receiver. By adjusting the gain of the instrument as well as its position relative to a buried metallic object, an experienced operator can often obtain information as to the size or shape of the target.

TW-6 hand-held metal-detector

The TW-6 metal detector was carried bi-directionally over the AOC with particular attention given to the PEBSs to search for evidence of subsurface utilities and other buried metallic features. This instrument could not be used over reinforced concrete pavement, or in the immediate vicinity of above ground metallic objects, such as chain-link fences and metal guard rails, due to their interference on the instrument's electromagnetic field.

2.4 Utility Locating Instruments

The Subsite 950 utility locator and the Dynatel were utilized, both actively and passively, to search for subsurface utilities. For active location, these instruments work by applying a radio frequency signal onto a metallic/electrically conductive line. The signal is then traced at the surface using the instrument's receiver. To investigate non-metallic utilities such as ceramic or PVC sewers, a signal can be conducted onto a flexible steel antenna inserted into the line. This signal allows the line to be detected at the ground surface by an operator using the receiver. For larger diameter pipes (in excess of about 12 inches) a radio frequency transmitting beacon is advanced into the lines using a fiberglass rod.

Passive signals are EM fields that occur "naturally", without any input from the utility locating instrument's transmitter. For example, many utilities carry electric currents, and therefore produce electromagnetic fields that can be detected at the surface. In addition, buried metallic lines, acting as antenna, often pick up and re-radiate background vibrations and commercial radio signals. The utility-locating instruments were used to search for evidence of these passive signals.

Subsite utility locator (from Ditch Witch website)

The AOC was visually inspected for evidence of subsurface utilities such as manhole covers, electric vaults, conduits, catch basins, etc. Whenever a metallic/electrically conductive utility was noted, a radio-frequency signal was conducted or induced onto the line using one of the utility locating instruments' transmitters. This signal was then used to trace out the utility.

3.0 Data Collection

3.1 Geophysical Sampling Grid Set-up

A survey grid of parallel lines was established within the northern portion of the primary AOC as requested by a site representative from Roux Associates. Magnetic north is approximately 15 degrees east of grid north. All references to direction in this report refer to grid north. The grid lines were spaced 2.5 feet apart for the EM31 survey. The purpose of the sampling grid was to facilitate a systematic approach to data collection and the reacquisition of target locations. The coordinates of each line's beginning and end points as well as location of fiducial marks were painted on the ground surface. It was expected that this 2.5-foot line spacing would make it possible to locate the targets of this investigation, within the depth range of the instruments.

3.2 Geophysical Data Collection

The EM31 was used to collect both quadrature-phase (terrain conductivity) and in-phase data over the geophysical grid. The grid line number, sampling direction, sample interval, and starting location were entered into the instrument at the beginning of each line. The instrument was operated in the automatic collection mode with data taken at approximately 2.5-foot intervals along each grid line. Fiducial marks were again entered into the data every 20 feet. The instrument was carried at a 3-foot height and operated in the vertical dipole mode where the greatest portion of the response is due to material in the 3 to 9-foot depth range. The maximum useful depth of exploration of the EM31 is approximately 18 feet.

3.3 Geophysical Data Processing and Interpretation

The raw data from the digital recorder was transferred to a laptop computer for further processing using Geonics' DAT31W software and Golden's Surfer® software while in the field. First, the starting and end points of each line were individually checked against the written field notebook for accuracy. The software then adjusted the location of data between fiducial marks by either compressing or expanding them. The adjusted data was converted to a spreadsheet format compatible with the Surfer® mapping software for contouring. The two components of EM31 data, which are quadrature-phase and in-phase, were contoured (see Figures 1 and 2).

3.4 Electromagnetic Anomaly Follow-up Investigation

Follow-up investigations were based upon EM anomalies identified in the EM31 data contour maps. Using the grid coordinates as a guide, significant targets were reacquired in the field. The area surrounding each EM anomaly was visually inspected for evidence of cultural features, such as electric vaults and metallic debris that could represent the source of the anomaly. When no obvious surface cultural interference could be identified, the anomalies were investigated using the TW-6 metal-detector in an attempt to identify underground sources and delineate their approximate surface traces. Then, GPR data profiles were collected along bi-directional traverses centered over the anomaly.

4.0 Results

4.1 EM Survey

The EM31 quadrature-phase data contour map primarily displays the response from subsurface electric lines and cultural features shown on Plate 1. The significant anomalies within the primary area of investigation are tabulated below in Table 1. The contour map showed a linear feature oriented roughly northwest-southeast centered at approximately 40E, 25N. This anomaly was confirmed to be an electric line by conducting a tracing signal onto the line from the electric box located approximately 4 feet south of 72.5E, 0N. GPR data also confirmed the presence of this utility at approximately 4.5 feet deep. A relatively homogeneous response from the subsurface can been seen in the data immediately north and east of this utility. The remaining EM anomalies were attributed to cultural features including electric vaults, metallic monitoring well covers, and metallic SVE system component covers.

Table 1 List of EM31 Anomalies

Anomaly No.	Grid Coordinates	Comments
1	65E, 15N	response of metallic electric vault cover
2	67.5E, 8N	unknown response, inconclusive GPR data
3	82.5E, 3N	response from metallic monitoring well cover

The EM31 in-phase contour map showed the expected strong responses from the electric lines and metal vault covers, but otherwise did not indicate significant accumulations of buried metal within the primary AOC.

4.2 Utility and PEBSs Investigation

Several electric lines were identified at approximately 4 to 5 feet deep between electric vaults located south of the geophysical sampling grid. The electric line visible in the both EM data contour maps extends northwest from the electric vault located approximately 4 feet south of 72.5E, 0N, passes through two electric vaults, and terminates at an electric vault on the north side of the chain-link fence (not depicted on Plate 1). Several suspected electric lines were also identified between the electric vaults. Tracing signals were initially applied to these lines, but the lines could not be detected at the ground surface. Visual inspection of the lines within the associated vaults showed that many of the lines were cut. GPR data collected between several of the vaults identified linear features approximately 4 to 5 feet deep and, given their orientation, suggests the presence of interconnecting electric lines. Three storm lines were traced from a circular catch basin located near a pair of guard rails near PEBS R-SB-8. One line was traced east, a second was traced approximately 71 feet west, and a third was traced southwest toward the grass covered area.

Linear GPR anomalies and suspected utilities were identified near several of the PEBSs. A small metal anomaly was identified approximately 2 feet south of PEBS R-SB-10.

Detected utilities and features were marked on the ground with spray paint and pin flags using the color code established by the American Public Works Association (i.e. red for electric, green for sewer, etc.). Fluorescent pink paint was used for metal anomalies, suspected utilities and GPR anomalies. The final approved locations for each PEBS were marked on the ground with a pink 'X' encompassed by a circle of white paint. When necessary the final approved location of each PEBS was adjusted. NAEVA recommends that you exercise caution when drilling and/or excavating in the vicinity of any detected and marked out features.

Appendix A: Site Photographs

Photograph 1: View looking north toward PEBS R-SB-1 with two linear GPR anomalies.

Photograph 2: View looking north toward PEBS R-SB-2 with small GPR anomaly.

Photograph 3: View looking north toward PEBS R-SB-3 and R-SB-4. A suspected utility is visible in a north to south orientation. A second suspected utility and a linear GPR anomaly are visible in an east-west orientation.

Photograph 4: View looking north toward PEBS R-SB-5. Electric lines are visible extending south from two electric vaults and a suspected utility is visible extending west immediately south of the PEBS.

Photograph 6: View looking north toward R-SB-6 with liner GPR anomaly visible immediately north of the PEBS.

Photograph 7: View looking north toward R-SB-7.

Photograph 8: View looking north toward R-SB-8. A suspected PVC line is visible extending west immediately north of the PEBS.

Photograph 9: View looking north toward R-SB-9 which is located to the northwest of the electric vault at the center of the photograph.

Photograph 10: View looking north toward R-SB-10. Electric lines are visible extending between the electric vaults and a small metal anomaly is visible immediately south of the PEBS.

Photograph 11: View looking north toward R-SB-11.

Photograph 12: View looking north toward R-SB-12.

Photograph 13: View looking northwest toward R-SB-13.

Photograph 14: View looking northwest toward R-SB-14. The suspected electric line extends under the chain-link fence to an adjacent electric vault.

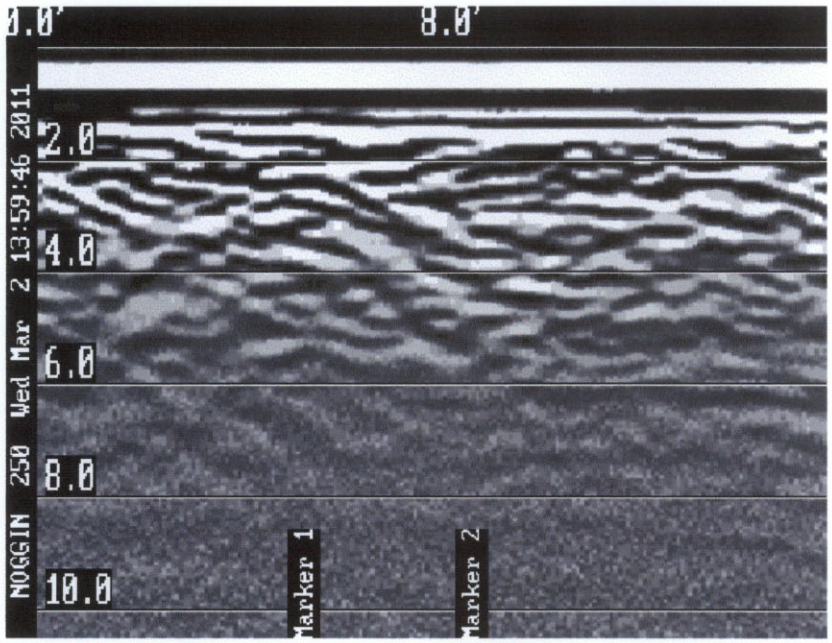
Photograph 15: View looking northwest toward R-SB-15.

Photograph 16: View looking northwest toward R-SB-16. A linear GPR anomaly is visible immediately south of the PEBS.

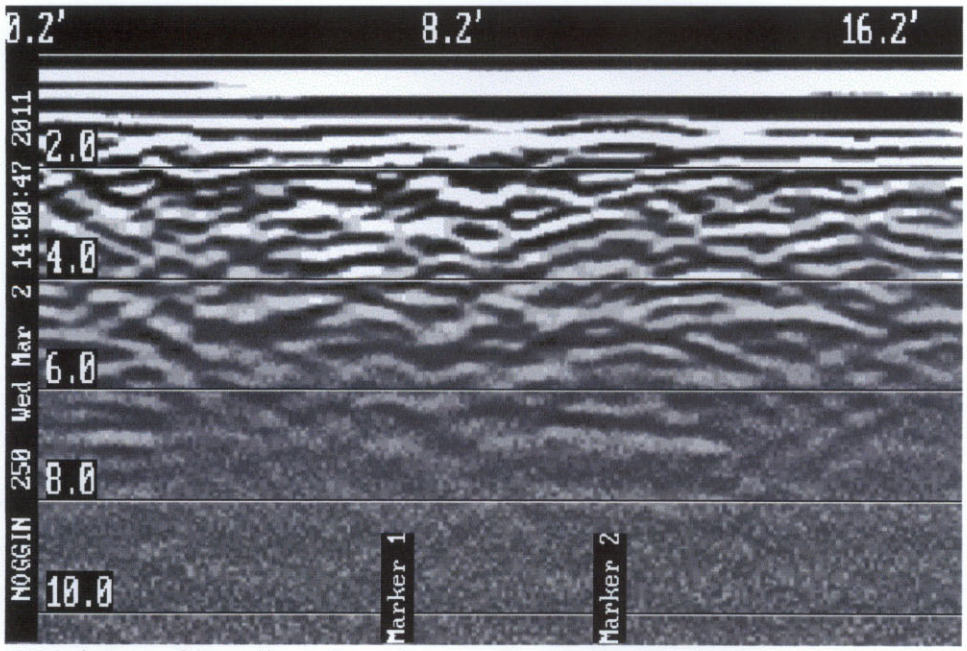
Photograph 17: View looking north toward R-SB-17. Two linear GPR anomalies are visible immediately north of the PEBS in an east west orientation.

Photograph 18: View looking north toward R-SB-18.

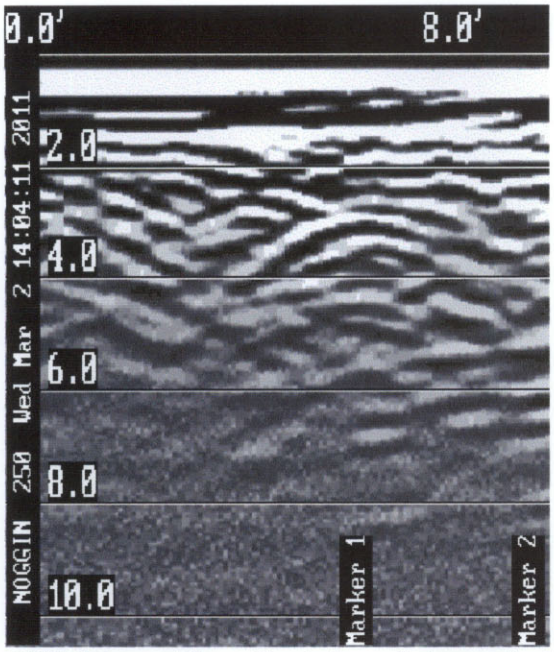
C1103021A
GPR Data Profiles
71 Charles Street
Glen Cove, New York



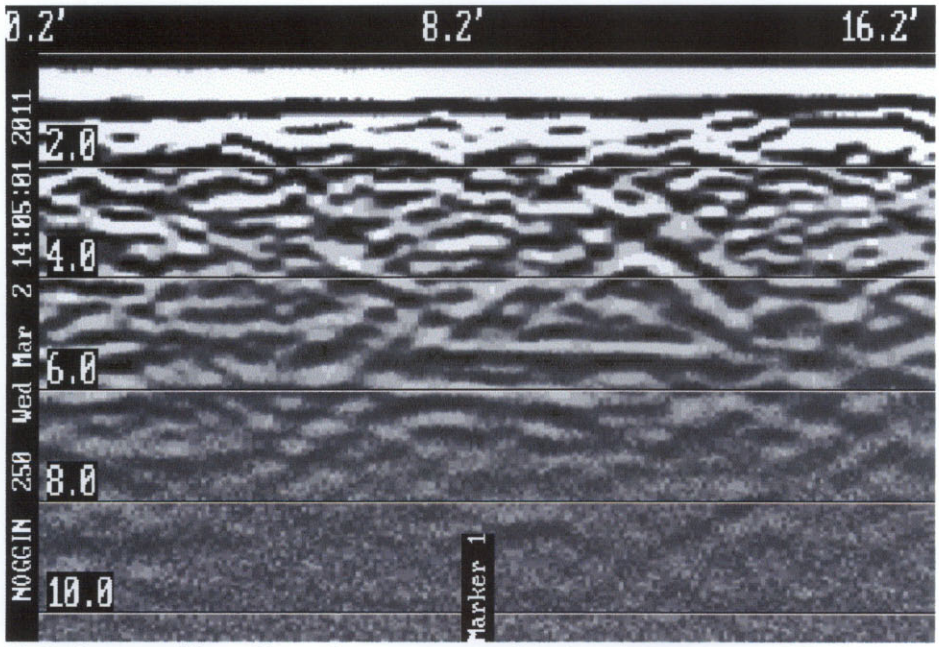
GPR data profile collected east to west. Marker 1 represents a linear GPR anomaly and Marker 2 represents PEBS R-SB-1.



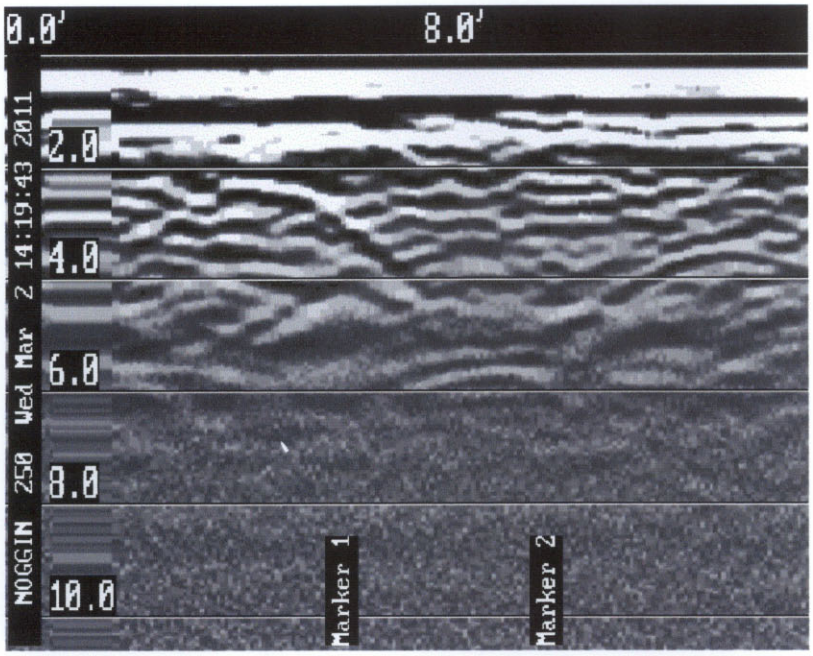
GPR data profile collected north to south. Marker 1 represents PEBS R-SB-1 and Marker 2 represents a linear GPR anomaly.



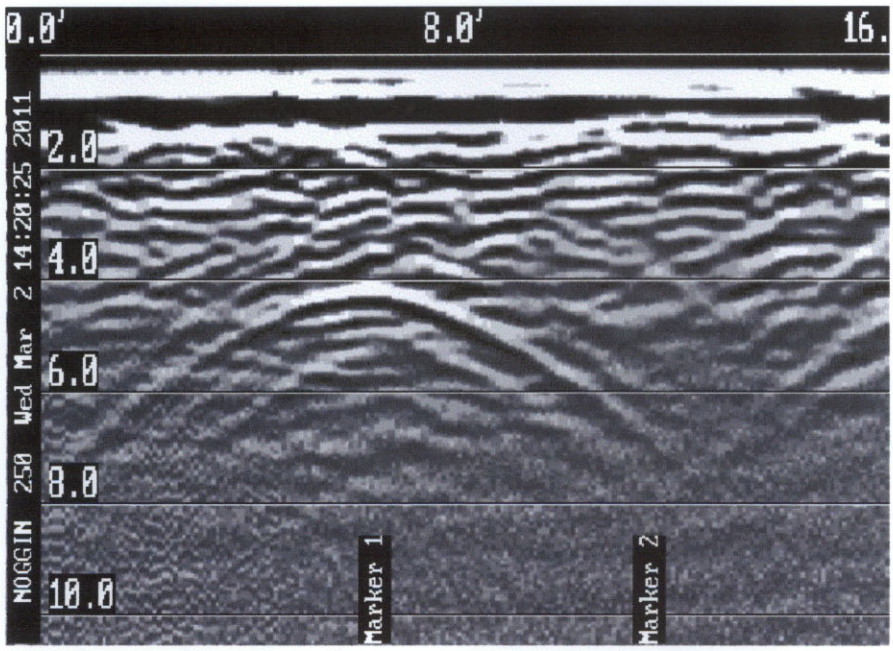
GPR data profile collected south to north. Marker 1 represents a linear GPR anomaly and Marker 2 represents PEBS R-SB-2. Profile stops at curb line.



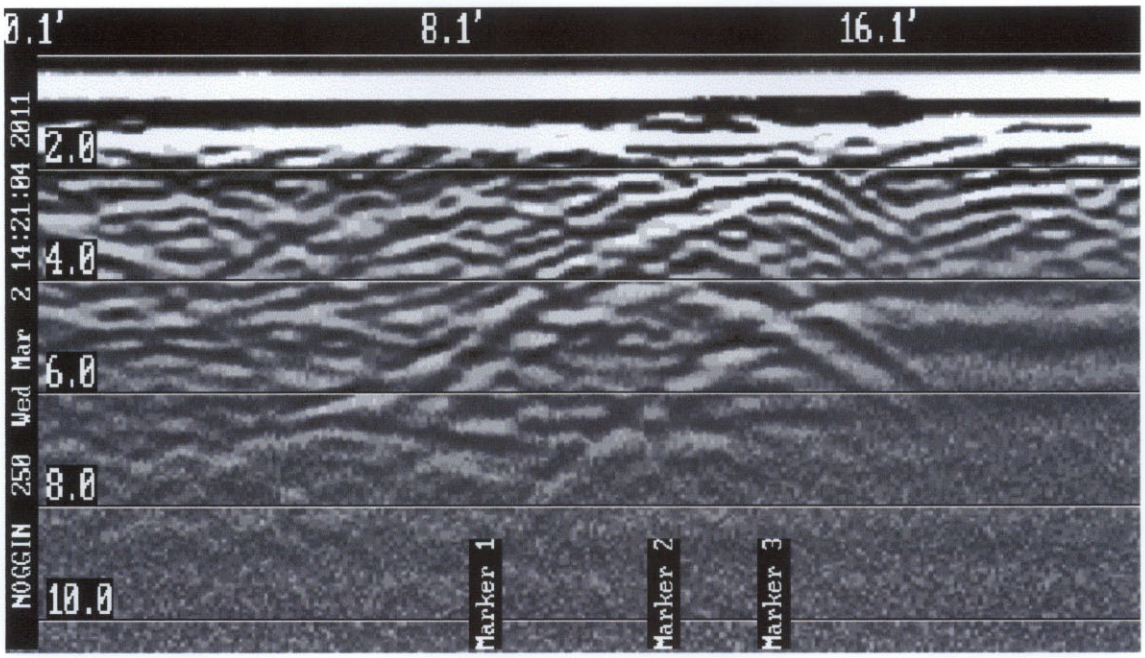
GPR data profile collected west to east. Marker 1 represents PEBS R-SB-2.



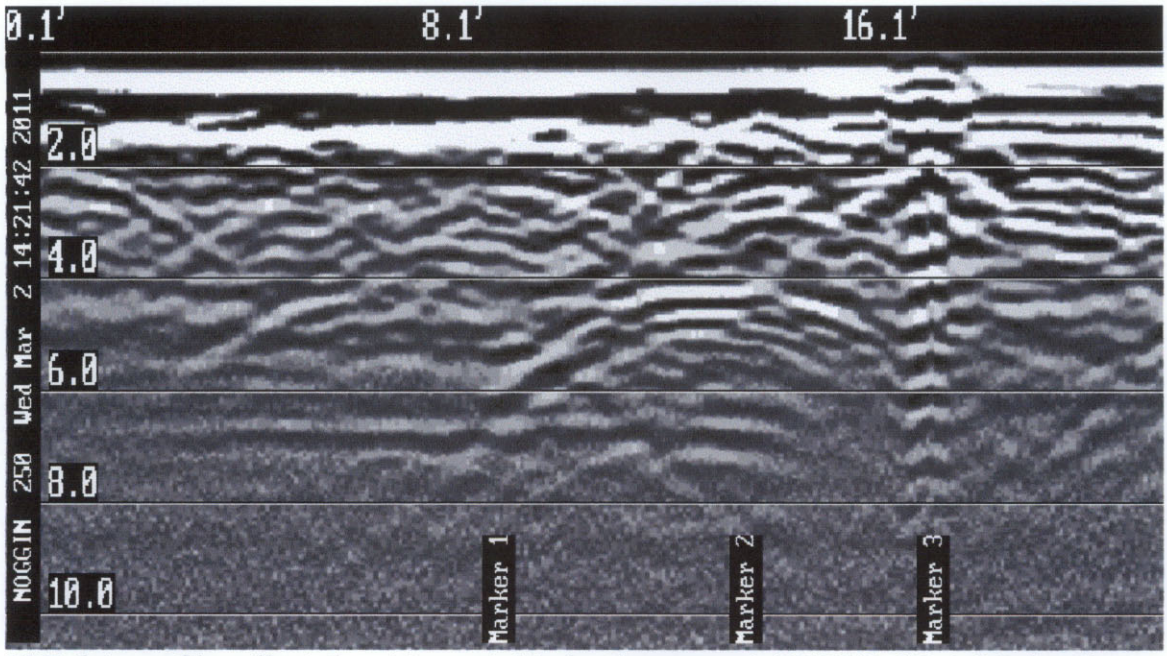
GPR data profile collected north to south. Marker 1 represents a linear GPR anomaly and Marker 2 represents PEBS R-SB-3.



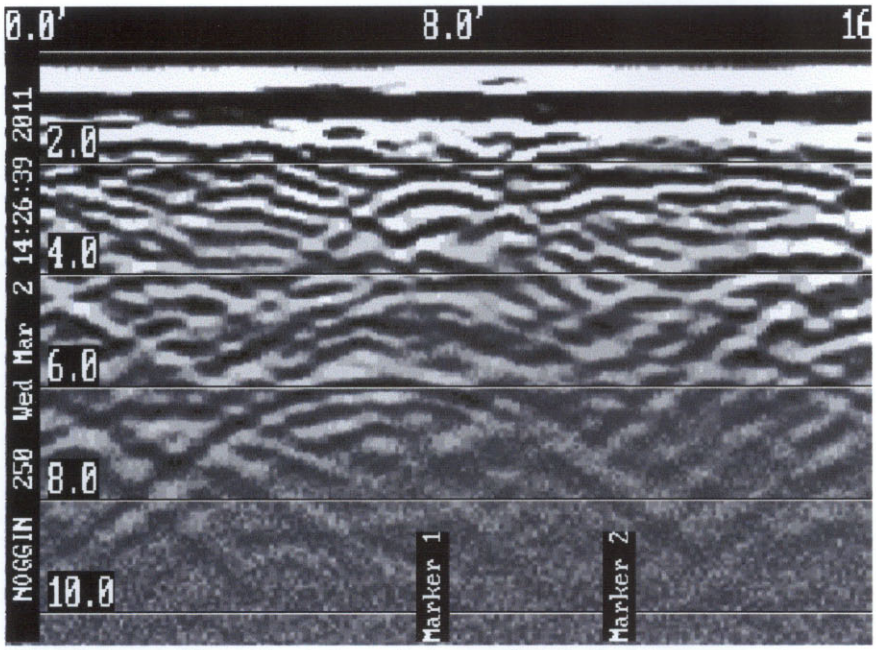
GPR data profile collected east to west. Marker 1 represents a suspected utility and Marker 2 represents PEBS R-SB-3. Profile stops at guard rail.



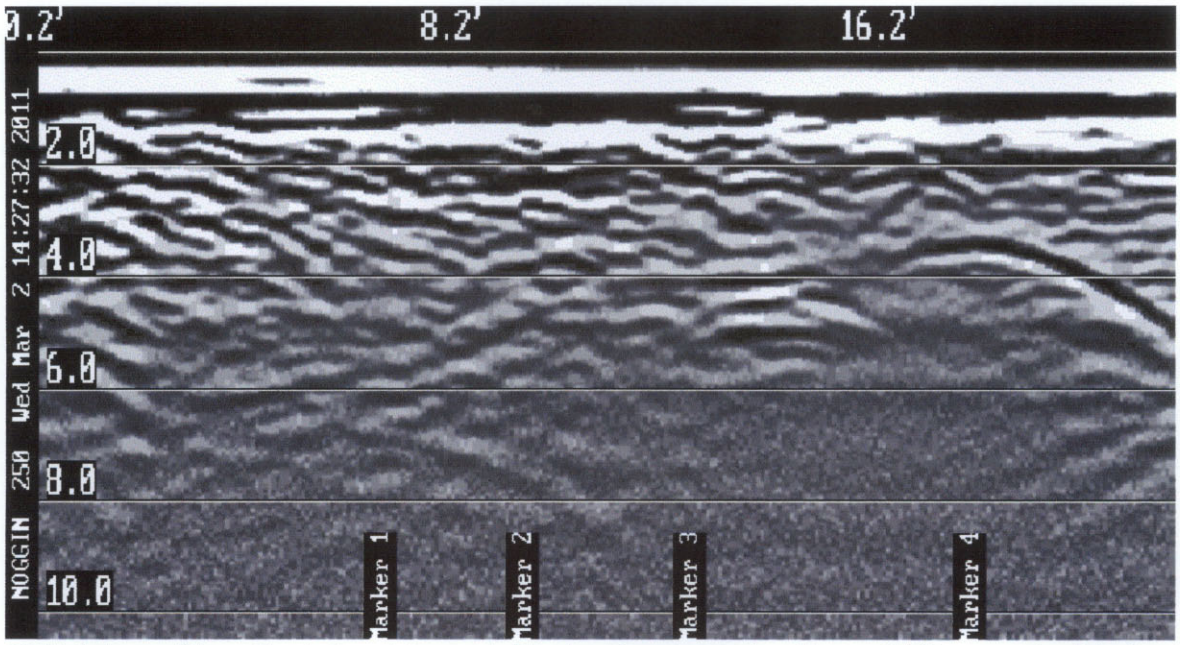
GPR data profile collected north to south. Marker 1 represents PEBS R-SB-4, Marker 2 represents a linear GPR anomaly, and Marker 3 represents a suspected utility.



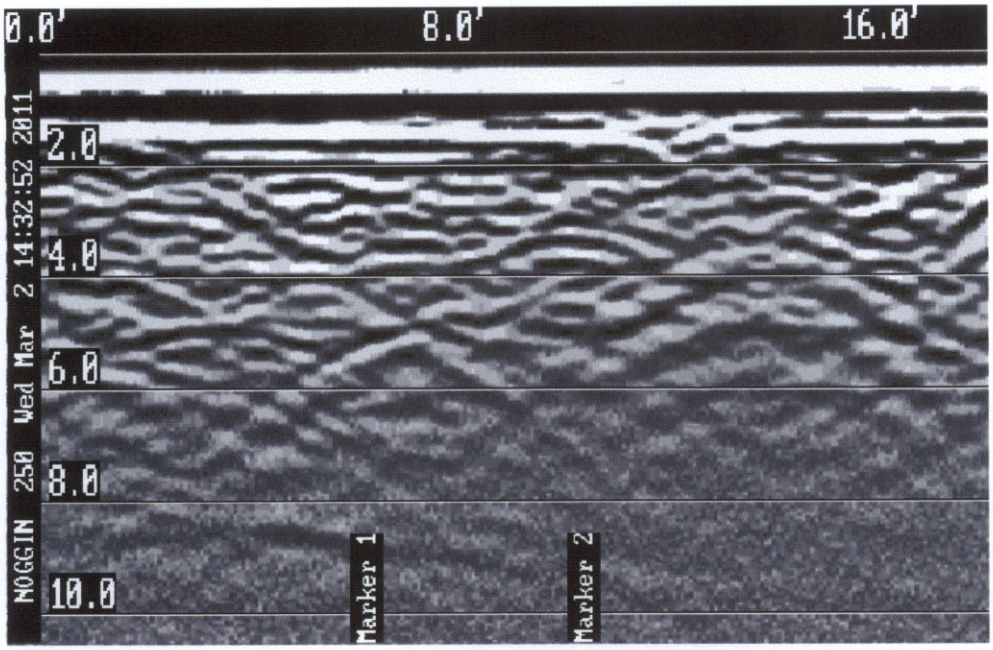
GPR data profile collected east to west. Marker 1 represents PEBS R-SB-4, Marker 2 represents a suspected utility, and Marker 3 represents a monitoring well cover.



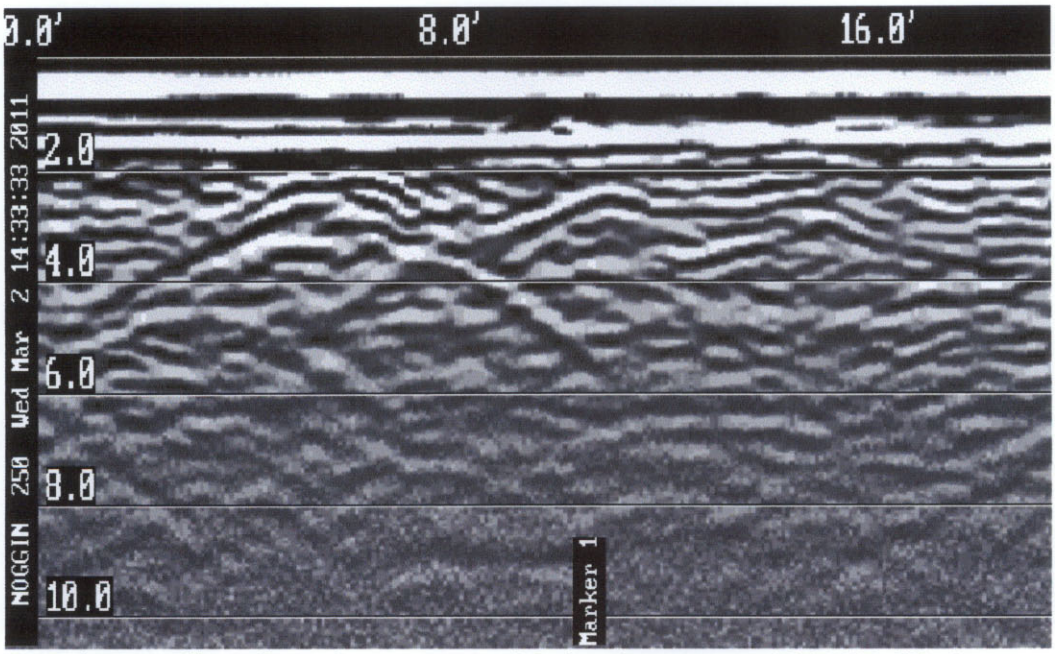
GPR data profile collected south to north. Marker 1 represents a suspected utility, and Marker 2 represents PEBS R-SB-5.



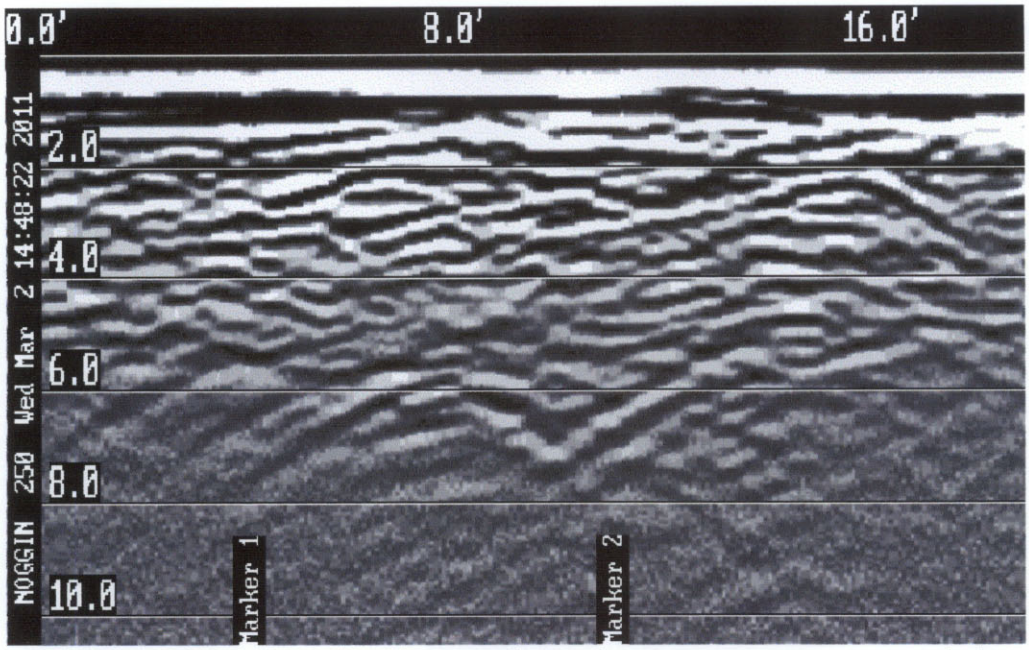
GPR data profile collected east to west. Marker 1 represents a linear GPR anomaly, Marker 2 represents PEBS R-SB-5, Markers 3 and 4 represent electric lines.



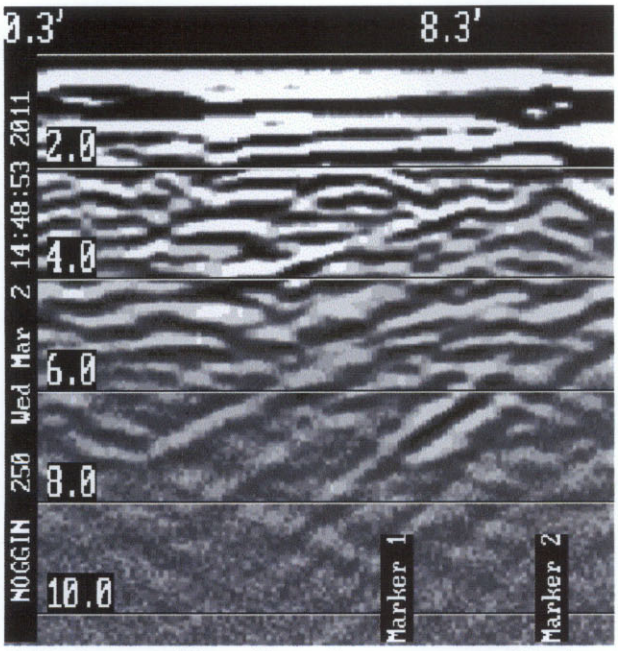
GPR data profile collected south to north. Marker 1 represents PEBS R-SB-6 and Marker 2 represents a linear GPR anomaly.



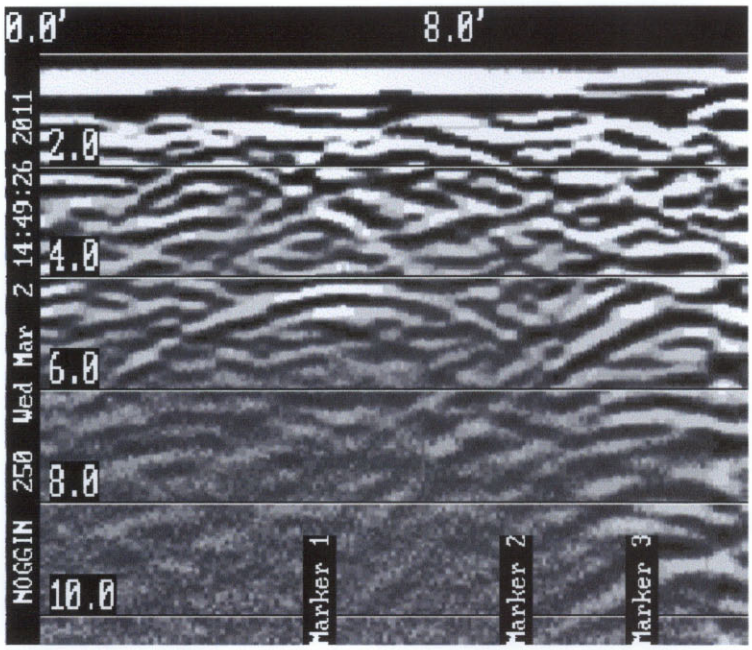
GPR data profile collected west to east. Marker 1 represents PEBS R-SB-6.



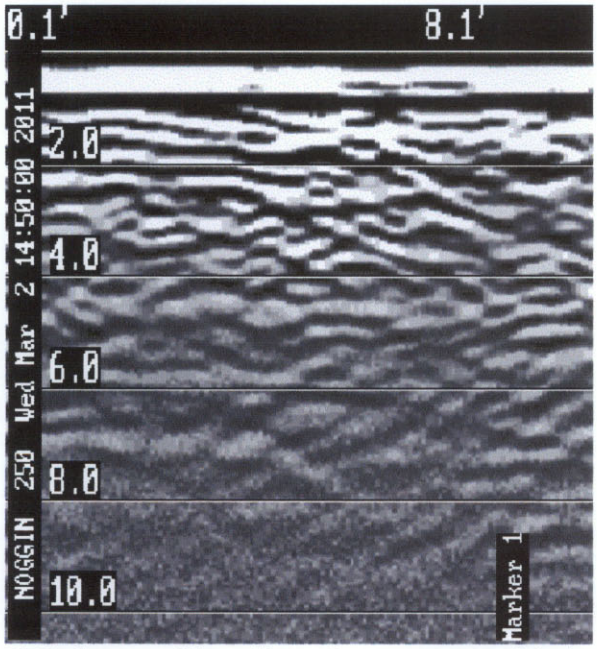
GPR data profile collected north to south. Marker 1 represents a suspected electric line and Marker 2 represents PEBS R-SB-7.



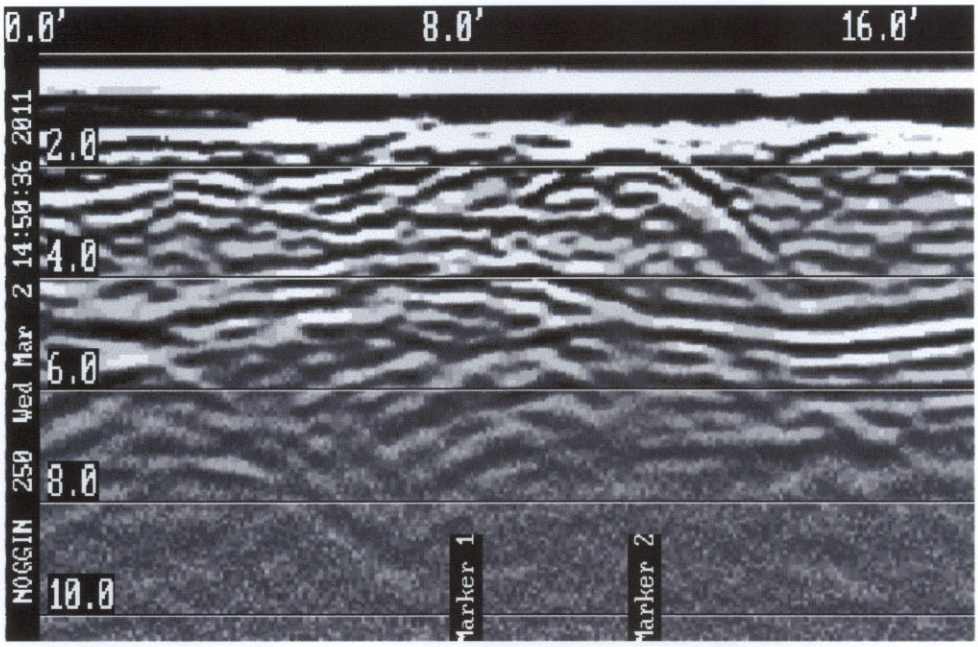
GPR data profile collected west to east. Marker 1 represents PEBS R-SB-7 and Marker 2 represents the edge of an RC pad.



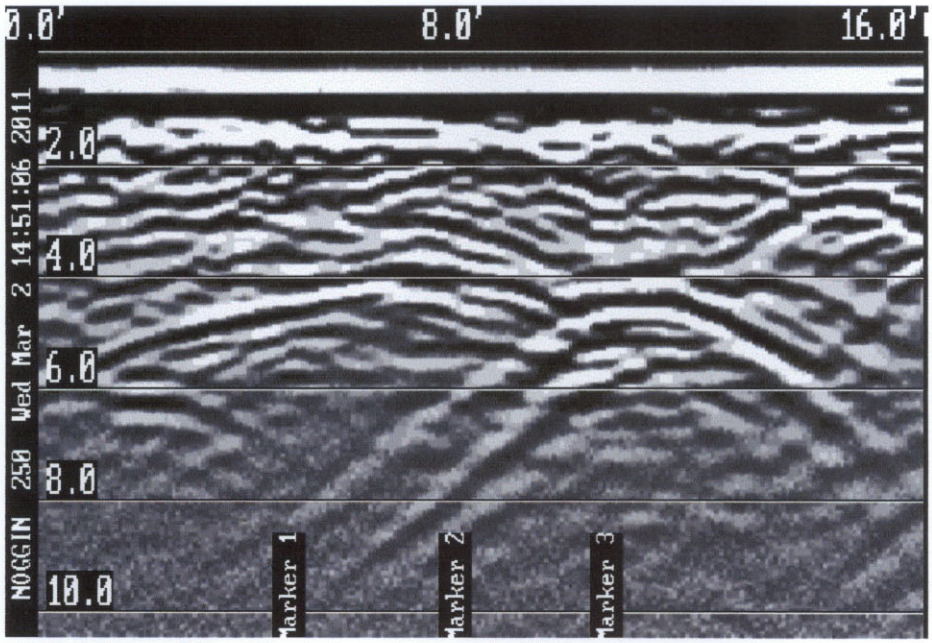
GPR data profile collected north to south. Marker 1 represents a suspected PVC line, Marker 2 represents PEBS R-SB-8, and Marker 3 represents the edge of the catch basin vault.



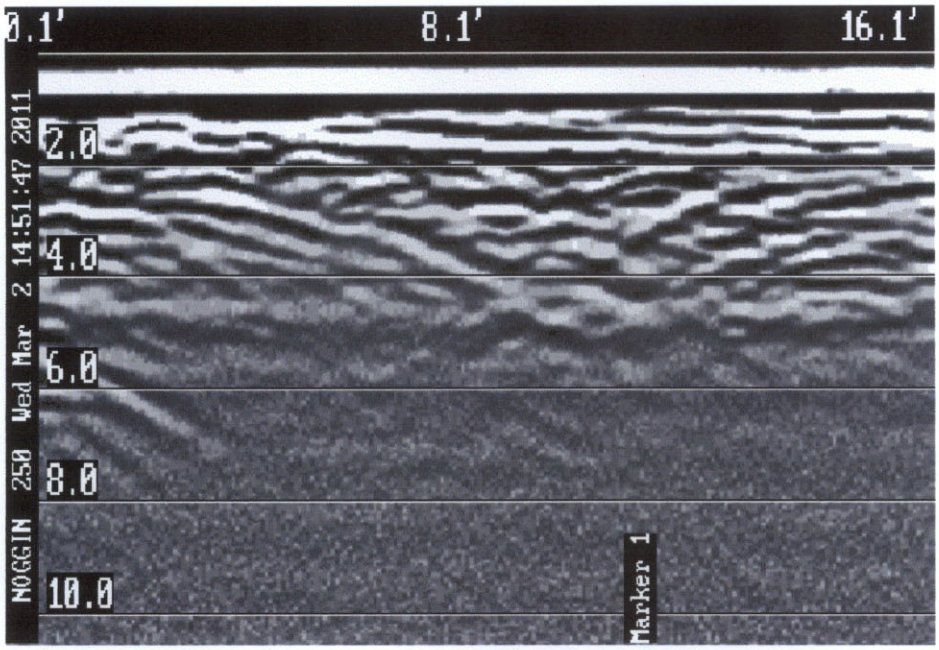
GPR data profile collected west to east. Marker 1 represents PEBS R-SB-8. Profile stops at guard rail.



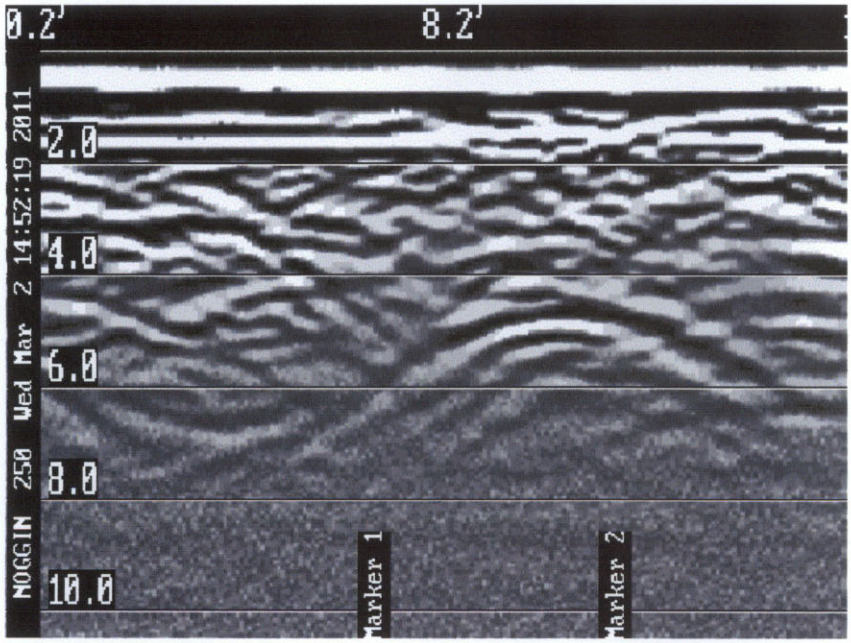
GPR data profile collected north to south. Marker 1 represents PEBS R-SB-9 and Marker 2 represents a storm line.



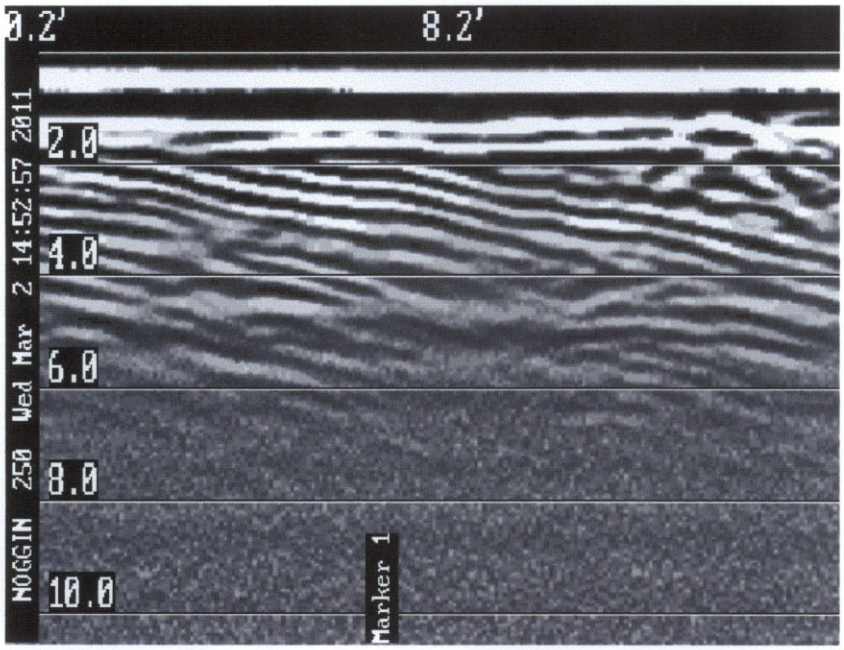
GPR data profile collected west to east. Marker 1 represents a suspected electric line, Marker 2 represents PEBS R-SB-9, and Marker 3 represents an electric line.



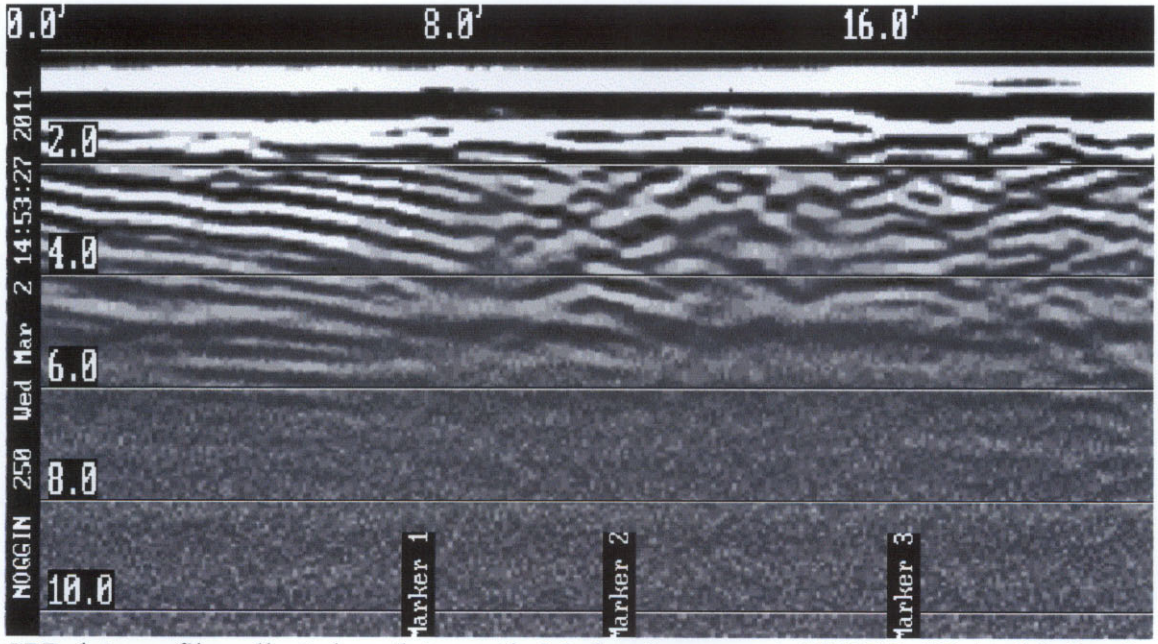
GPR data profile collected south to north. Marker 1 represents PEBS R-SB-10.



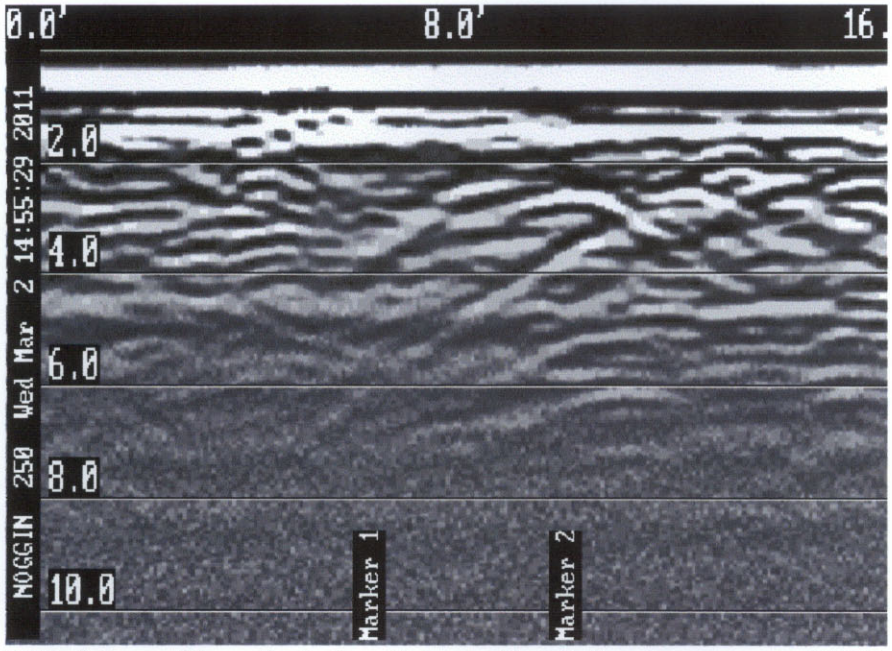
GPR data profile collected west to east. Marker 1 represents PEBS R-SB-10 and Marker 2 represents an electric line.



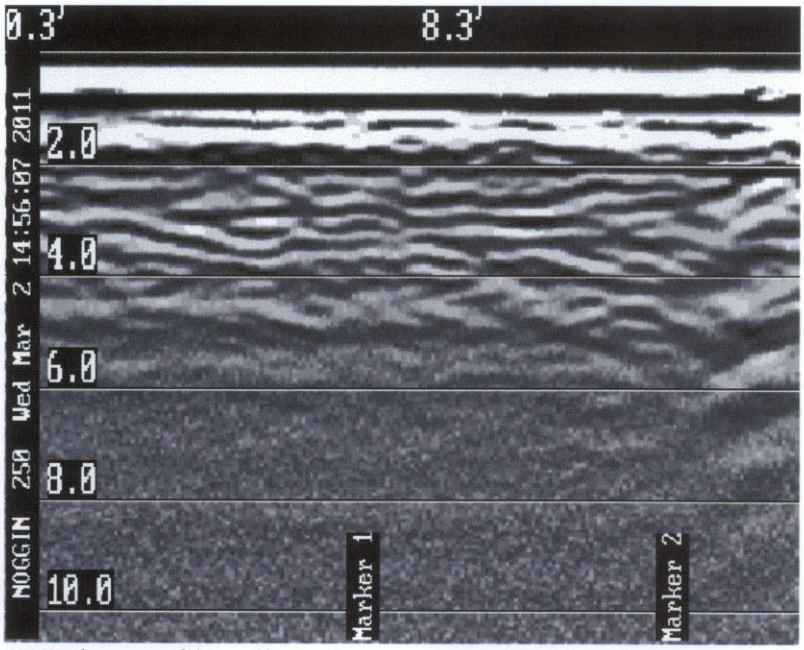
GPR data profile collected west to east. Marker 1 represents PEBS R-SB-11.



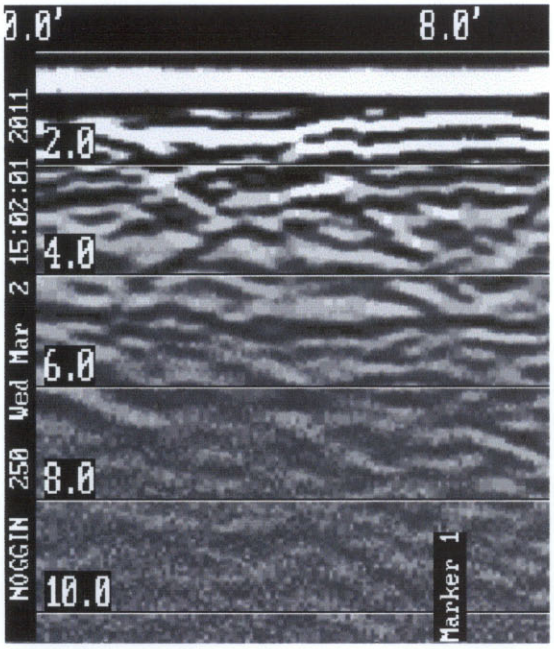
GPR data profile collected north to south. Marker 1 represents PEBS R-SB-11, Marker 2 represents a linear GPR anomaly, and Marker 3 represents an electric line.



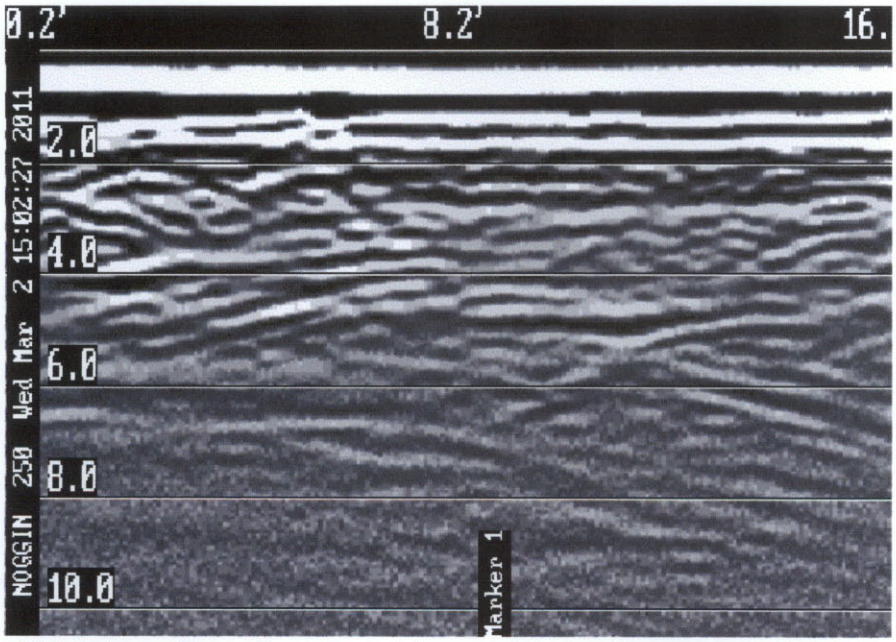
GPR data profile collected north to south. Marker 1 represents PEBS R-SB-12 and Marker 2 represents a linear GPR anomaly.



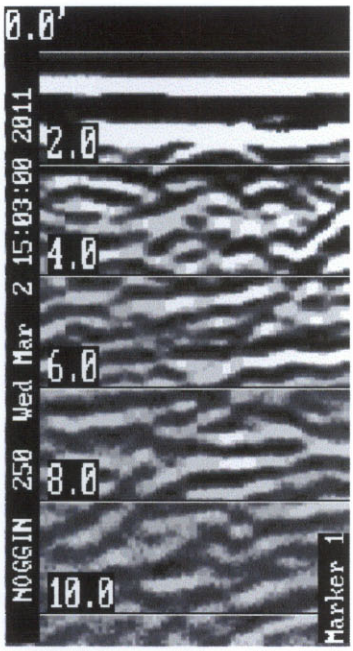
GPR data profile collected east to west. Marker 1 represents PEBS R-SB-12 and Marker 2 represents a crack in the pavement.



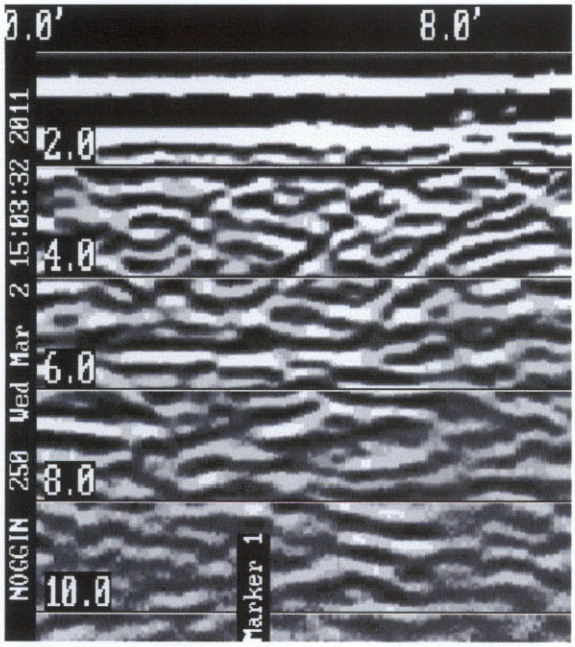
GPR data profile collected south to north. Marker 1 represents PEBS R-SB-13. Profile stops at curb line.



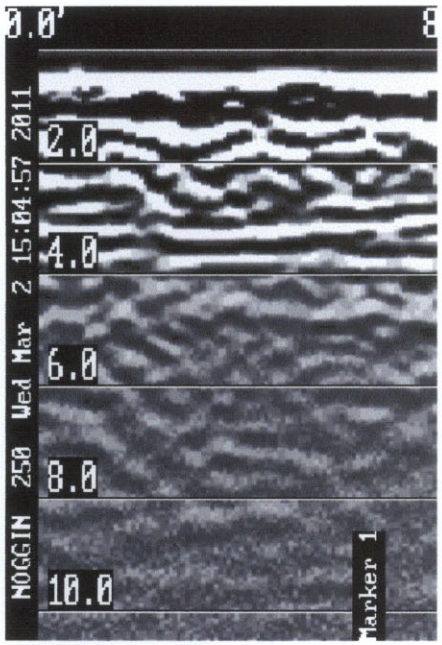
GPR data profile collected west to east. Marker 1 represents PEBS R-SB-13.



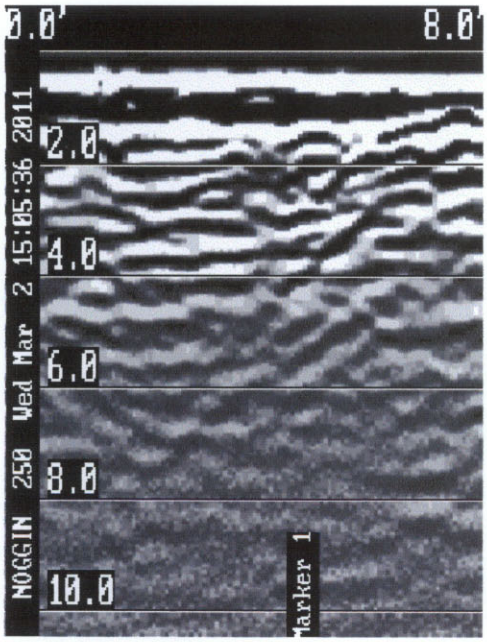
GPR data profile collected south to north. Marker 1 represents PEBS R-SB-14. Profile stops at chain-link fence.



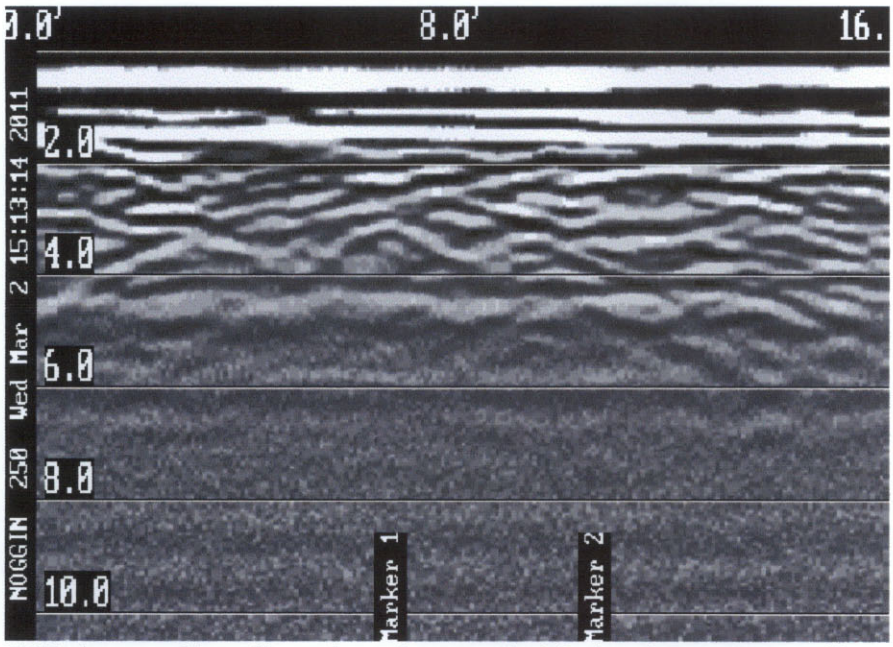
GPR data profile collected west to east. Marker 1 represents PEBS R-SB-14.



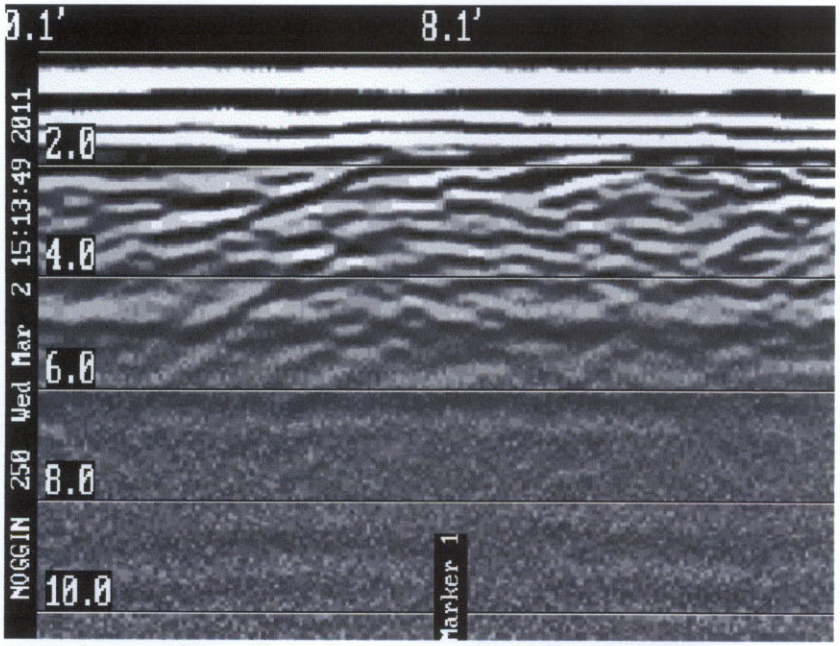
GPR data profile collected south to north. Marker 1 represents PEBS R-SB-15. Profile stops at curb line.



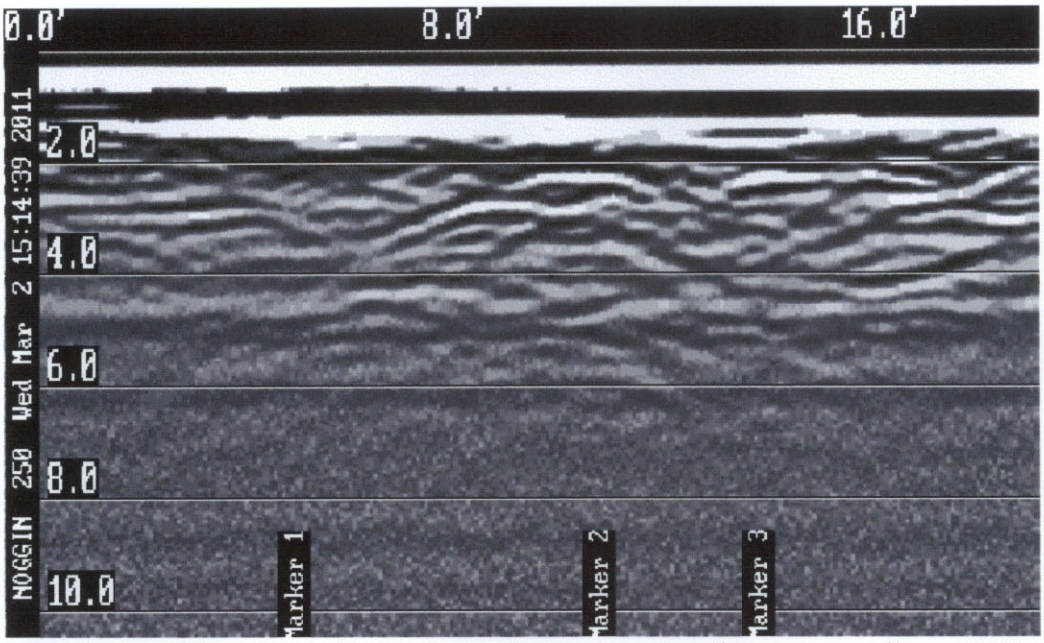
GPR data profile collected east to west. Marker 1 represents PEBS R-SB-15.



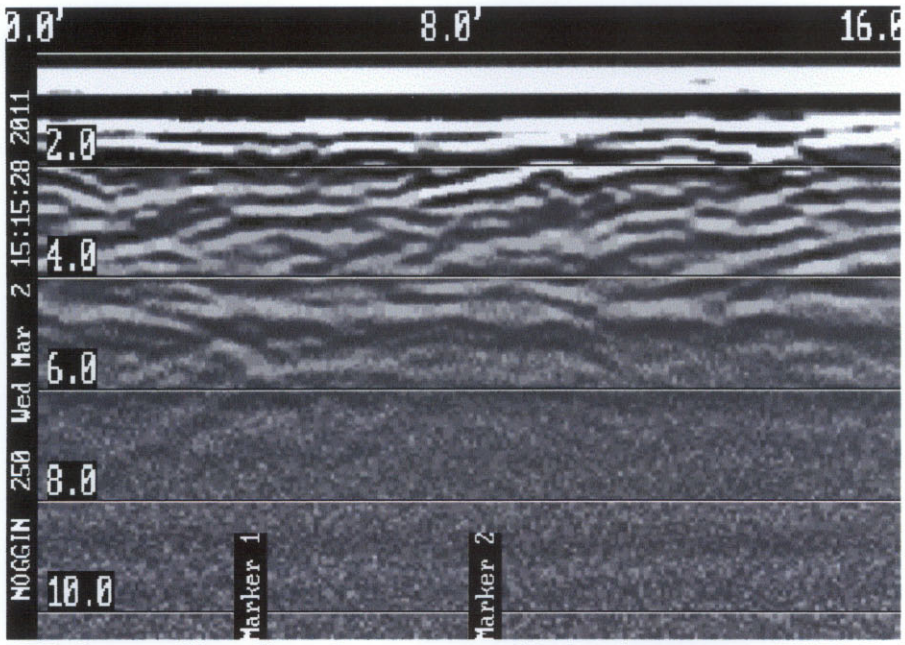
GPR data profile collected south to north. Marker 1 represents a linear GPR anomaly and Marker 2 represents PEBS R-SB-16.



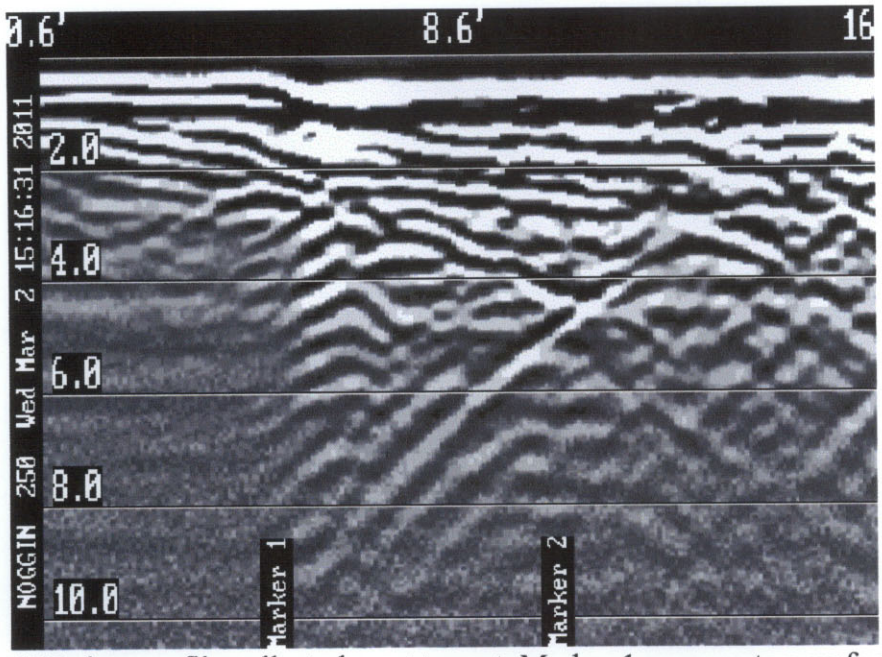
GPR data profile collected west to east. Marker 1 represents PEBS R-SB-16.



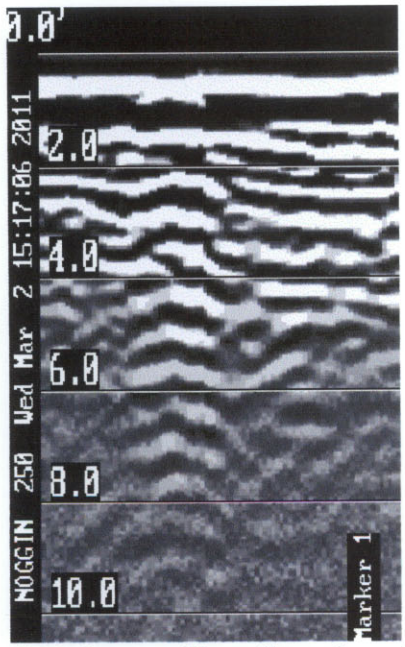
GPR data profile collected north to south. Markers 1 and 2 represent linear GPR anomalies and Marker 3 represents PEBS R-SB-17.



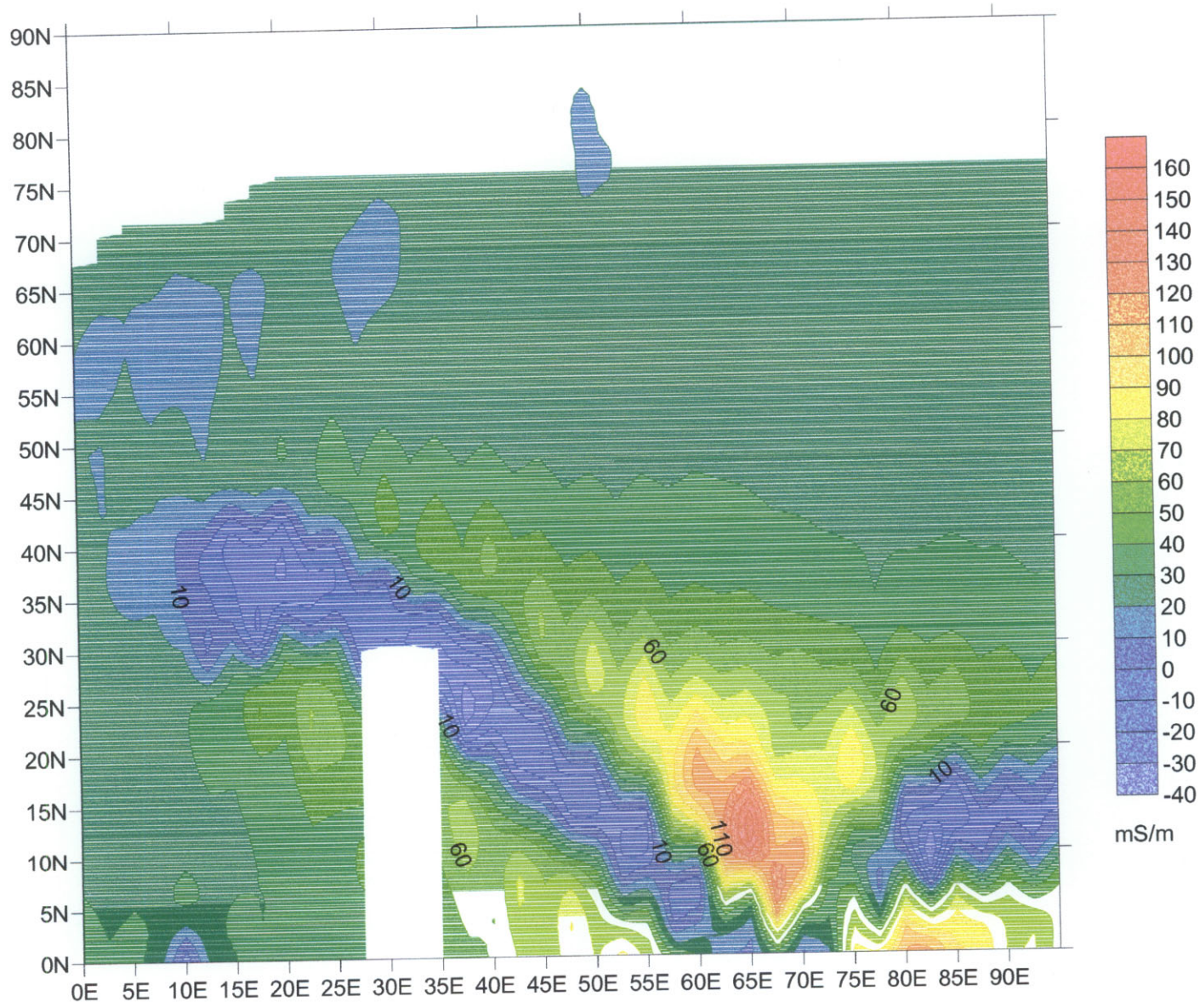
GPR data profile collected west to east. Marker 1 represents PEBS R-SB-17.



GPR data profile collected west to east. Marker 1 represents a surface cover transition from asphalt to grass and Marker 2 represents PEBS R-SB-18.



GPR data profile collected south to north. Marker 1 represents PEBS R-SB-18.



NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

N

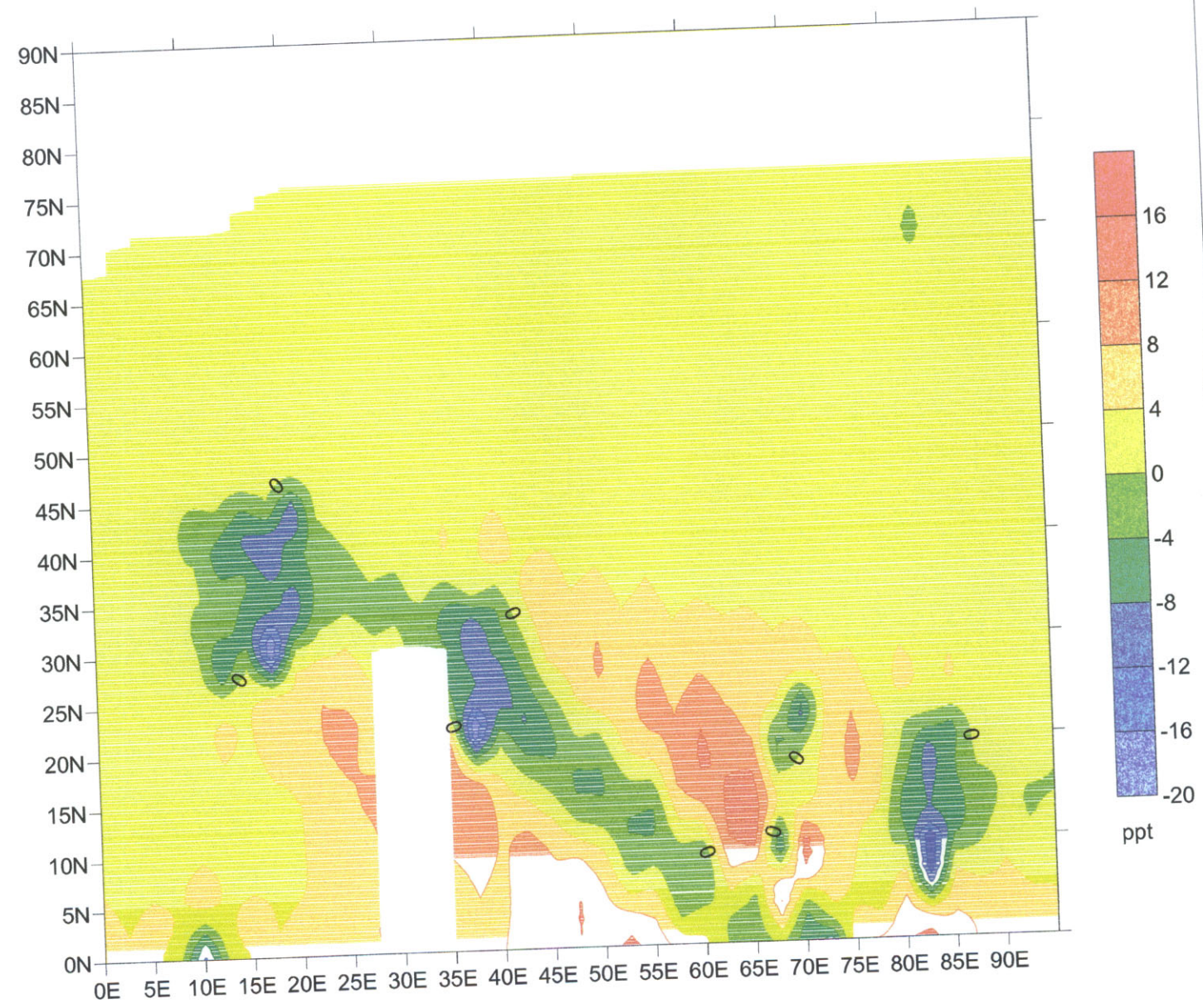
0 5 10 15

Figure 1

ROUX Associates, Inc.

Project Number: C1103021A
EM31 Quadrature Phase
Former Manufacturing Facility
71 Charles Street
Glen Cove, NY

Dates of Investigation: March 2-3, 2011
Map By: Frank J. Amorosana



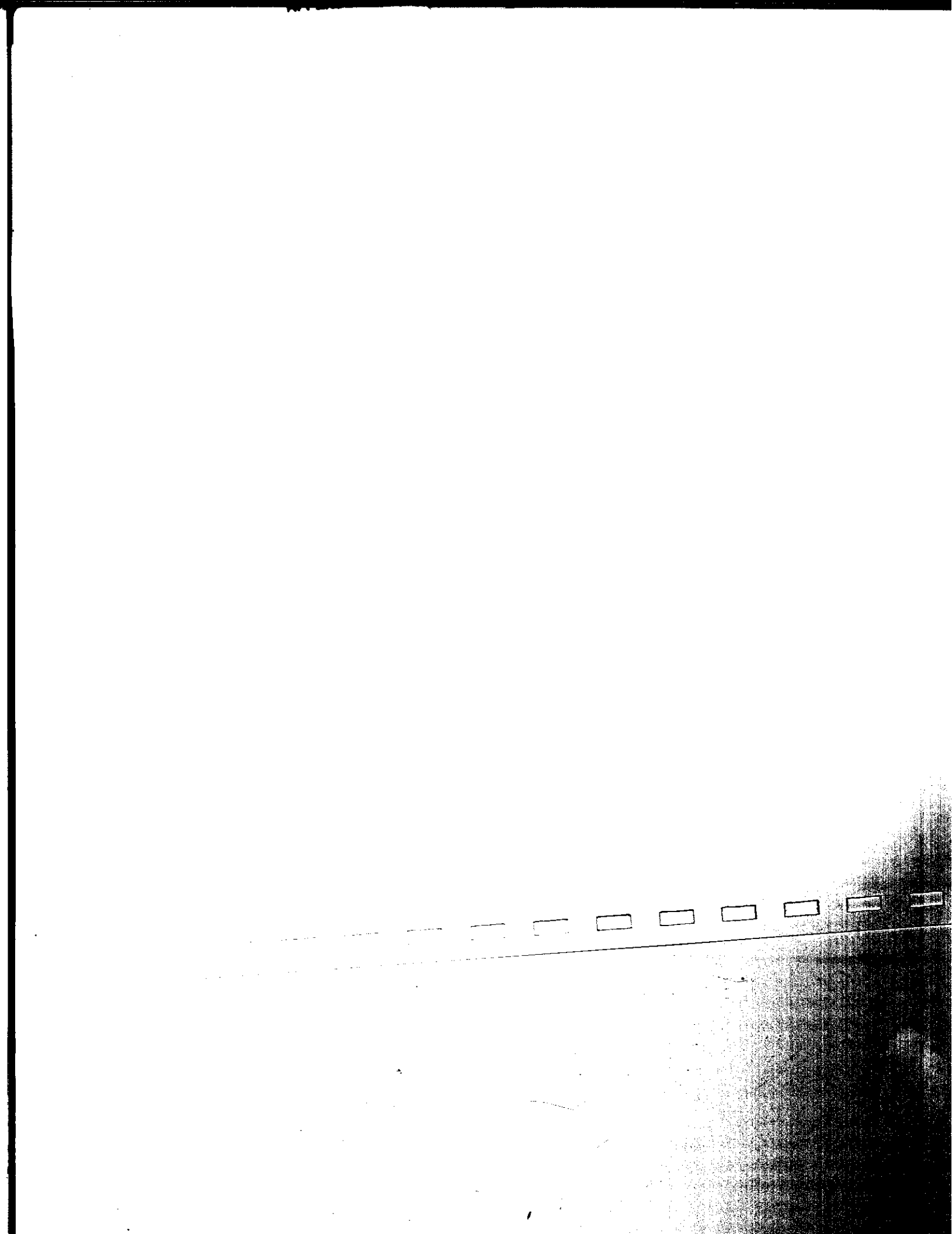
NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

Figure 2

ROUX Associates, Inc.

Project Number: C1103021A
EM31 In-phase
Former Manufacturing Facility
71 Charles Street
Glen Cove, NY

Dates of Investigation: March 2-3, 2011
Map By: Frank J. Amorosana



APPENDIX B

Soil Boring Logs

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING	
R-SB-1	Not Measured	Not Measured	
PROJECT NO./NAME		LOCATION	
2020.0001Y / Konica Minolta		71 Charles Street	
APPROVED BY	LOGGED BY	Glen Cove, New York	
N. Epler	D. Dhagat		
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA	
Roux Associates, Inc. / John Freijomil			
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD / START-FINISH DATE
3-in. / Drive Sampler	2-inches	DT 6620 / Geoprobe	2" Macro-Core / 3/8/11-3/8/11
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL	
Not Measured	7 (Feet BLS)	Bentonite	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown; M-C SAND, some asphalt; dry		181	
		Dark brown; M-C SAND, little gravel, trace silt; odor; dry		188	
		Brown; M-C SAND, some gravel, odor; dry		25.2	Soil Sample: R-SB-1/2-3 collected for VOC analysis
				0.4	
		Gray; F-M SAND, little gravel, trace silt; odor; dry		0.0	
5		Gray; F-M SAND, some gravel, trace silt; odor; dry		20.8	5
		Gray; SILTY SAND, trace clay; odor; moist to wet		2.8	
		Gray; SILTY SAND, some gravel; odor; wet		0.0	Soil Sample: R-SB-1/7-8 collected for VOC analysis
		Gray; SILTY CLAY; wet to moist		0.0	
		Olive green; CLAY (packed and hard); moist		0.0	
10				0.0	10
				0.0	
				0.0	Groundwater sample: R-SB-1/GW 12-13 collected for VOC analysis
		Olive green; SILTY CLAY, some F-M sand at bottom; moist		4.2	Soil Sample: R-SB-1/13-14 collected for VOC analysis
		Olive green; M-C SAND, odor; moist		0.0	
15		Olive green; SILTY CLAY; moist		41.0	15
				38.5	
				113	
				287	Soil Sample: R-SB-1/18-19 collected for VOC analysis
		Light gray; F-M SAND, some gravel, trace silt; wet		6.8	
20					20

GROUND WATER LEVEL 3/8/2011

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.: **R-SB-10**	NORTHING: **Not Measured**	EASTING: **Not Measured**		
PROJECT NO./NAME: **2020.0001Y / Konica Minolta**		LOCATION: **71 Charles Street, Glen Cove, New York**		
APPROVED BY: **N. Epler**	LOGGED BY: **D. Dhagat**			
DRILLING CONTRACTOR/DRILLER: **Roux Associates, Inc. / John Freljomil**		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE: **3-in. / Drive Sampler**	BOREHOLE DIAMETER: **2-inches**	DRILLING EQUIPMENT/METHOD: **DT 6620 / Geoprobe**	SAMPLING METHOD: **2" Macro-Core**	START-FINISH DATE: **3/4/11-3/4/11**
LAND SURFACE ELEVATION: **Not Measured**	DEPTH TO WATER: **7 (Feet BLS)**	BACKFILL: **Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark gray; M-F SAND, some asphalt, little gravel; dry		0.0	
		Brown; M-F SAND, little gravel; dry		0.0	
		Brown; M-F SAND; dry		0.0	
		Light gray to brown, SILTY CLAY, little M-F sand, hard; dry		0.0	Soil Sample: R-SB-10/3-4 collected for VOC analysis
		No Recovery			
5					5
		Gray; F SAND, little silt; moist		0.0	
▽ GROUND WATER LEVEL 3/4/2011		Gray to Dark gray; Fine SAND, little silt, staining at 7ft; odor; wet		0.0	Soil Sample: R-SB-10/7-8 collected for VOC analysis
		Gray; F SAND; odor; wet		101	Groundwater sample: R-SB-10/GW 8-9 collected for VOC analysis
				64.4	
10					10
		Brown to gray; F-M SAND, trace gravel; odor; moist		0.0	
		Gray; F SAND and SILT; odor; wet		970	Soil Sample: R-SB-10/13-14 collected for VOC analysis
				3164	Groundwater sample: R-SB-10/GW 12-15 collected for VOC analysis
				5811	
				0.0	
15					15
		Gray; SILTY SAND; odor; wet		288	
				1581	
				431	
				0.0	
				0.0	
20					20
		Gray; F SAND; wet		418	
				848	
				467	
		Gray; SILTY SAND, hard; moist		37.8	Soil Sample: R-SB-10/23-24 collected for VOC analysis
		Gray; F SAND; wet		0.0	
25					25

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
R-SB-11	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2020.0001Y / Konica Minolta		**71 Charles Street**		
APPROVED BY	LOGGED BY	**Glen Cove, New York**		
N. Epler	**D. Dhagat**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / John Freijomil				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/8/11-3/8/11**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**8 (Feet BLS)**	**Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown; F-M SAND, asphalt; dry		0.0	
		Brown; F-M SAND, trace gravel; odor; dry		0.0	
		Brown; F-M SAND, trace silt; dry		0.0	
		Brown; F SAND, trace silt; moist		0.0	
		Brown; F SAND, trace silt and gravel; moist		0.0	
5		Brown; F SAND, trace silt; moist		0.0	5
				0.0	
		Brown; F SAND, some gravel, trace silt; moist to wet		0.0	
		Brown to dark brown; F SAND and silt, trace gravel; wet to moist		0.0	Soil Sample: R-SB-11/8-9 collected for VOC analysis
GROUND WATER LEVEL 3/8/2011					
		Brown; SILTY SAND, some gravel; moist		0.0	
10		Brown; SILTY SAND; wet		0.0	10
		Gray; SILTY SAND, staining at 12 ft; odor; wet		0.0	Soil Sample: R-SB-11/11-12 collected for VOC analysis
				0.0	
		Brown; SILTY SAND, trace gravel; wet		0.0	
				0.0	
15		Gray; M-C SAND and SILT; odor; wet		0.0	15
		Gray; M-C SAND, trace gravel, staining at 17ft; odor; wet		0.0	
		Gray; SILTY SAND, trace gravel; moist		0.0	
		Gray with orange tint; SILT; moist		0.0	
		Gray; SILTY CLAY, semi hard; moist		0.0	Soil Sample: R-SB-11/19-20 collected for VOC analysis
20					20

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING
R-SB-12	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
2020.0001Y / Konica Minolta	**71 Charles Street**
APPROVED BY: **N. Epler** / LOGGED BY: **D. Dhagat**	**Glen Cove, New York**
DRILLING CONTRACTOR/DRILLER: **Roux Associates, Inc. / John Freijomil**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/8/11-3/8/11**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**7 (Feet BLS)**	**Bentonite**

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown; F-M SAND, some gravel and asphalt; dry		0.0	
		Brown; F SAND, little gravel; odor; dry		0.0	
		Brown; F SAND, little gravel; odor; dry		0.0	
		Brown to dark brown; F SAND, little gravel, staining at 4ft; odor; dry		0.0	
		Gray; SILTY SAND, staining at 4 ft; odor; dry		15.4	
5		Gray; SILTY SAND, little gravel; odor; moist		8.9	5
		Brown and gray mix; F SAND, little gravel; odor; moist to wet		1.4	
	▽ GROUND WATER LEVEL 3/8/2011	Gray; SILTY SAND, some clay, staining at 8ft; odor; moist		0.3	Soil Sample: R-SB-12/7-8 collected for VOC analysis
		Gray, SILTY SAND, little gravel, staining at 8ft; odor; moist		418	
		Gray, SILTY SAND, little gravel; odor; moist		523	
10		Brown to dark gray; SILTY SAND, little gravel, staining at 11ft; odor; wet		531	10
		Brown; SILTY SAND, some clay, little gravel; odor; wet		613	Soil Sample: R-SB-12/11-12 collected for VOC analysis
		Dark gray; stained, F SAND, little gravel; odor; wet		217	Soil Sample: R-SB-12/12-13 collected for VOC analysis
		Brown; F SAND, some gravel; odor; moist		0.0	
		Brown; F SAND, silty at bottom, little gravel; odor; moist		0.0	
15		Brown; CLAY; moist		0.0	15
		Dark gray; F-M SAND, stained; moist		0.0	
				0.0	
		Brown; M SAND, little gravel; little odor; moist		0.0	
		Brown; green stained, SILT; moist		0.0	
20		Gray; SILT (packed); moist		0.0	20
				0.0	
				0.0	
				0.0	
				0.0	
25				0.0	25

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
R-SB-13	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2020.0001Y / Konica Minolta		**71 Charles Street**		
APPROVED BY	LOGGED BY	**Glen Cove, New York**		
N. Epler	**D. Dhagat**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / John Freljomil				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/8/11-3/8/11**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**7 (Feet BLS)**	**Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown; M-C SAND, some asphalt; dry		0.0	
		Brown to gray; F-M SAND, some silt; odor; dry		0.0	
				0.0	
		Gray; F-M SAND, trace silt and gravel, staining at 4ft; odor; dry		0.0	Soil Sample: R-SB-13/3-4 collected for VOC analysis
		Gray; F-M SAND, some silt, trace gravel; odor; moist		0.0	
5		Brown to gray; M-C SAND, some gravel; odor; moist		0.0	
				0.0	
▽ GROUND WATER LEVEL 3/8/2011		Light gray; M-C SAND, some gravel, trace silt; odor; wet		17.8	Soil Sample: R-SB-13/7-8 collected for VOC analysis
		Light gray; C SAND, little gravel, trace silt; odor; wet		57.0	
		Light gray; F-M SAND and silt; odor; wet		87.4	
10		Gray; F-M SAND, some gravel; odor; wet		174	
		Gray; F-M SAND, little gravel; odor; wet		294	
		Gray; F-M SAND, trace silt; odor; wet		381	
		Gray; F-M SAND, trace gravel and silt, stained; odor; wet		325	Soil Sample: R-SB-13/13-14 collected for VOC analysis
		Gray; F-M SAND, little gravel, trace silt; odor; wet		251	
15		Olive green; SILTY CLAY, some M-C sand; odor; moist		61.7	
		Olive green; CLAY (very hard); moist to dry		52.8	
				42.9	
				65.7	Soil Sample: R-SB-13/18-19 collected for VOC analysis
				26.8	
20					

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
R-SB-14	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2020.0001Y / Konica Minolta		**71 Charles Street**		
APPROVED BY	LOGGED BY	**Glen Cove, New York**		
N. Epler	**D. Dhagat**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / John Freijomil				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/8/11-3/8/11**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**7 (Feet BLS)**	**Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown; fill material, grass; moist		5.7	
		Dark brown; F SAND, organic smell; moist		0.0	
		Brown to light brown; F-M SAND, little gravel; organic smell; moist		0.0	Soil Sample: R-SB-14/2-3 collected for VOC analysis
				0.0	
		Tan; M-C SAND, some gravel; organic smell; moist		0.0	
5		Tan; M-C SAND and gravel; organic smell; moist		0.0	5
		Light brown; M-C SAND, trace gravel; organic smell; moist to wet		0.0	Groundwater sample: R-SB-14/GW 6-7 collected for VOC, Sulfate and Metals (filtered & unfiltered) analysis
	▽ GROUND WATER LEVEL 3/8/2011	Orangish brown; M SAND, silt at bottom, trace gravel; organic smell; wet		0.0	Soil Sample: R-SB-14/7-8 collected for VOC analysis
		Olive green; SILTY CLAY; moist		0.0	
				0.0	
10		Light gray; F SAND and SILT; odor; wet		2.5	10
		Light gray; F SAND and SILT, trace gravel; odor; wet		0.0	
		Gray; F SAND, trace silt, stained; moist; odor		45.0	Groundwater sample:R-SB-14/GW 12-15 collected for VOC analysis
				135	
		Dark gray; F SAND, trace gravel; stained; strong odor; moist		218	Soil Sample: R-SB-14/14-15 collected for VOC analysis
15		Light gray; M-F SAND, trace gravel; odor; wet		3.0	15
		Dark gray; M-F SAND, trace gravel, staining; odor; moist		0.0	
		Gray to olive green; SILTY CLAY and F SAND, trace gravel; odor; moist		0.0	
		Olive green; CLAY (packed); moist		13.1	
				35.5	Soil Sample: R-SB-14/19-20 collected for VOC analysis
20					20

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

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SOIL BORING LOG

WELL NO.: **R-SB-15**	NORTHING: **Not Measured**	EASTING: **Not Measured**		
PROJECT NO./NAME: **2020.0001Y / Konica Minolta**		LOCATION: **71 Charles Street, Glen Cove, New York**		
APPROVED BY: **N. Epler**	LOGGED BY: **D. Dhagat**			
DRILLING CONTRACTOR/DRILLER: **Roux Associates, Inc. / John Freljomil**		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE: **3-in. / Drive Sampler**	BOREHOLE DIAMETER: **2-inches**	DRILLING EQUIPMENT/METHOD: **DT 6620 / Geoprobe**	SAMPLING METHOD: **2" Macro-Core**	START-FINISH DATE: **3/14/11-3/14/11**
LAND SURFACE ELEVATION: **Not Measured**	DEPTH TO WATER: **4 (Feet BLS)**	BACKFILL: **Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown; F SAND, trace gravel, grass; moist		2.3	
		Brown; SILTY SAND, trace gravel; moist to wet		6.7	Soil Sample: R-SB-15/1-2 collected for VOC analysis
				4.2	
				2.1	
	▽ GROUND WATER LEVEL 3/14/2011	Brown; F-M SAND, some silt, trace gravel; wet		1.2	Soil Sample: R-SB-15/4-5 collected for VOC analysis
5		Brown; F-M SAND, grass, trace gravel; wet		8.0	5
		Brown; M SAND, gray staining at 7ft, trace gravel; wet		19.7	Soil Sample: R-SB-15/6-7 collected for VOC analysis
		Gray; SILTY SAND, stained, little gravel; odor; wet		1146	Groundwater sample: R-SB-15/GW 6-7 collected for VOC, Sulfate and Metals (filtered & unfiltered) analysis
				9999 over	
				9999 over	Soil Sample: R-SB-15/9-10 collected for VOC analysis
10		Brown; SILTY SAND, trace gravel; odor; wet		680	10 Groundwater sample: R-SB-15/GW 9-14 collected for VOC analysis
		Gray; F SAND, trace silt and gravel; odor; wet		833	
				9999 over	
				1592	
				3482	Soil Sample: R-SB-15/14-15 collected for VOC analysis
15				65	15
				11.1	
				10.3	
		Tan; M-C SAND, some gravel; wet		3.2	
				5.3	
20					20

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
R-SB-16	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2020.0001Y / Konica Minolta		**71 Charles Street**		
APPROVED BY	LOGGED BY	**Glen Cove, New York**		
N. Epler	**D. Dhagat**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / John Freijomil				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/9/11-3/9/11**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**7 (Feet BLS)**	**Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown; F SAND, little gravel; dry		0.7	
		Brown; F SAND,some gravel; dry		1.0	
		Brown; F-M SAND, some gravel; dry to moist		0.4	
		Brown; F-M SAND, little gravel; little odor; moist		1.6	
		Dark gray; M SAND, trace gravel, silty clay at 5ft, staining; little odor; dry		4.3	
5		Olive green; SILTY CLAY, little brown sand at 5 ft; dry		8.9	5
		Olive green; SILTY CLAY; odor; dry		15.6	Groundwater sample: R-SB-16/GW 6-7 collected for VOC, Sulfate and Metals (filtered & unfiltered) analysis Soil Sample: R-SB-16/7-8 collected for VOC analysis
	▽ GROUND WATER LEVEL 3/9/2011	Olive green to brown; F-M SAND, little gravel, trace silt, clay at 7 ft; odor; moist to wet		492	
		Tan; M SAND, trace silt and gravel; odor; wet		9999 over	
				9999 over	
10		No Recovery			10
		Gray, stained; F SAND and SILT, trace gravel; strong odor; wet		9999 over	
		Light gray; F SAND and SILT, little gravel; wet; odor		9999 over	Soil Sample: R-SB-16/13-14 collected for VOC analysis
				9999 over	
15		Gray; SILTY SAND, some gravel; odor; very wet		9999 over	15 Groundwater sample: R-SB-16/GW 15-20 collected for VOC analysis
		Gray; F SAND, little silt and gravel; odor; wet		9999 over	
		Tan; M SAND, trace silt and gravel; odor; wet		9999 over	
		Gray; M SAND, trace silt and gravel; strong odor; wet		4972	
		Purple stained; M-C SAND; strong odor; wet		820	Soil Sample: R-SB-16/19-20 collected for VOC analysis
20		Gray; CLAY (very hard); odor		799	20
				255	
				157	
				205	
				134	Soil Sample: R-SB-16/24-25 collected for VOC analysis
25					25

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
R-SB-17	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2020.0001Y / Konica Minolta		**71 Charles Street**		
APPROVED BY	LOGGED BY	**Glen Cove, New York**		
N. Epler	**D. Dhagat**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / John Freijomil				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/14/11-3/14/11**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**6 (Feet BLS)**	**Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown; F SAND, trace gravel, asphalt; dry		1.8	
		Dark brown; F SAND, trace silt and gravel; odor; dry to moist		31.9	
				17.8	
		Brown; F SAND, some gravel; odor; moist		13.5	
				66.9	
5		Gray; F SAND, some gravel; odor; wet		50.2	5
	▽ GROUND WATER LEVEL 3/14/2011	Gray; F SAND,silty clay at 7 ft, some gravel; odor; wet		531	Soil Sample: R-SB-17/6-7 collected for VOC analysis
		Olive green; SILTY CLAY (hard); odor; moist		9999 over	
				9999 over	
				9999 over	
10		Olive green; SILTY CLAY (very hard); odor; moist		9999 over	10
				9999 over	Soil Sample: R-SB-17/11-12 collected for VOC analysis
				1585	
				388	
				408	
15		Tan; M-C SAND, trace silt; odor; wet		151	15
				99.1	
		Tan; gray staining at 18ft; M-C SAND, trace silt; odor; wet		121	Soil Sample: R-SB-17/17-18 collected for VOC analysis
		Gray; F SAND, some silt; odor; wet		15.7	
				49.8	
20		Brown; M-C SAND, some gravel; wet		8.4	20
		Brown; M-C SAND, silty clay at 22 ft; moist		6.9	
		Green; SILTY CLAY (hard); moist		6.0	
				6.9	
				5.2	
25					25

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
R-SB-18	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2020.0001Y / Konica Minolta		**71 Charles Street**		
APPROVED BY	LOGGED BY	**Glen Cove, New York**		
N. Epler	**D. Dhagat**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / John Freijomil				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/9/11-3/9/11**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**5 (Feet BLS)**	**Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
1		Brown; F SAND, grass; moist		0.8	
2		Brown; F-M SAND, little gravel; moist		1.5	
3		Brown; M SAND, little gravel; moist to wet		0.8	
4		Brown; SILTY CLAY; moist		1.9	Soil Sample: R-SB-18/3-4 collected for VOC analysis
5		Brown; CLAY (very hard); moist		0.0	
6		Brown; F SAND and SILT, clay at 6 ft; wet to moist		0.0	Soil Sample: R-SB-18/5-6 collected for VOC analysis
7		Gray; CLAY (very hard); moist		0.1	
8				0.5	
9				0.6	
10				0.5	

▽ GROUND WATER LEVEL 3/9/2011

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
R-SB-2	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2020.0001Y / Konica Minolta		**71 Charles Street**		
APPROVED BY	LOGGED BY	**Glen Cove, New York**		
N. Epler	**D. Dhagat**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / John Freijomil				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/14/11-3/14/11**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**5 (Feet BLS)**	**Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown; M SAND, trace gravel; dry		4.8	
		Dark brown; F-M SAND, trace gravel; dry to moist		2.6	Soil Sample: R-SB-2/1-2 collected for VOC analysis
				2.3	
		Dark brown; F SAND, trace silt and gravel; moist		1.5	
		Brown; SILTY SAND, little gravel; wet		0.7	Soil Sample: R-SB-2/4-5 collected for VOC analysis
5	▽ GROUND WATER LEVEL 3/14/2011	Brown; F SAND, little gravel, trace silt; wet		0.5	5
		Brown; SILTY SAND, little gravel; odor; wet		1.0	
		Brown; M SAND and SILT, little gravel, staining at 8ft; odor; wet to moist		0.8	Soil Sample: R-SB-2/7-8 collected for VOC analysis
		Brown; F SAND, gray staining, trace gravel; moist		0.9	
		Brown; M SAND, trace gravel; wet		1.0	
10		Brown; M SAND, some gravel; wet		1.1	10
				1.3	
		Gray stained; F-M SAND, some gravel; odor; wet		1.5	Soil Sample: R-SB-2/12-13 collected for VOC analysis
		Gray; SILTY SAND; wet		1.0	
		Dark gray; SILTY CLAY; moist		1.3	
15		Brown; F SAND; wet		2.1	15
		Brown; M-C SAND; wet		2.0	
				1.5	
		Brown; M- C(+) SAND; wet		0.5	
20				1.5	20

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

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Telephone: (631) 232-2600
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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
R-SB-3	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2020.0001Y / Konica Minolta		**71 Charles Street**		
APPROVED BY	LOGGED BY	**Glen Cove, New York**		
N. Epler	**D. Dhagat**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / John Freijomil				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/7/11-3/7/11**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**7 (Feet BLS)**	**Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown; M-C SAND, some gravel; dry		0.0	
		Brown to gray; M-C SAND, trace gravel; odor; dry		8801	
				9999 over	Soil Sample: R-SB-3/2-3 collected for VOC analysis
				120	
				4.8	
5		Gray; M-C SAND; odor; moist		149	
		Gray; M-C SAND, trace gravel and silt; odor; moist to wet		180	Groundwater sample: R-SB-3/GW 6-7 collected for VOC analysis
	▽ GROUND WATER LEVEL 3/7/2011	Light gray; M-C SAND, staining, trace gravel and silt; odor; wet		187	Soil Sample: R-SB-3/7-8 collected for VOC analysis
		Gray; F-M SAND, some silt; odor; wet		193	
				264	
10		Gray; M-C SAND, trace silt; odor; wet		209	
		Olive green; M-C SAND, little silt; odor; wet		210	
		Olive green; M-C SAND, yellowish orange staining, little silt; odor; wet		6.7	Soil Sample: R-SB-3/12-13 collected for VOC analysis
		Dark gray; SILTY SAND (packed); odor; moist		4.5	
				5.6	Groundwater sample: R-SB-3/GW 14-15 collected for VOC analysis
15		Gray; F-M SAND, little coarse sand, trace silt; wet		3.5	
		Gray; F-M SAND, some silty clay; wet		4.4	
		Gray; SILTY CLAY (packed); moist		40.3	
				78.1	
20				155	Soil Sample: R-SB-3/19-20 collected for VOC analysis

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
R-SB-4	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2020.0001Y / Konica Minolta		**71 Charles Street**		
APPROVED BY	LOGGED BY	**Glen Cove, New York**		
N. Epler	**D. Dhagat**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / John Freijomil				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/7/11-3/7/11**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**7 (Feet BLS)**	**Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Gray; F-M SAND, trace gravel; dry		10.4	
		Brown; F-M SAND, trace gravel; dry		19.4	
		Brown and gray; F-M SAND, some gravel; odor; dry		9.2	
		Gray; F-M SAND, trace silt; odor; moist		24.8	Soil Sample: R-SB-4/3-4 collected for VOC analysis
				25.1	
5		Brown; Silt, wood chips, brick; odor; moist		11.8	Groundwater sample: R-SB-4/GW 6-7 collected for VOC, Sulfate and Metals (filtered & unfiltered) analysis Soil Sample: R-SB-4/6-7 collected for VOC analysis
		Brown; SILTY SAND, some gravel; odor; wet		18.9	
	▽ GROUND WATER LEVEL 3/7/2011	Dark gray; M-C SAND, some gravel, trace silt; odor; wet		195	
				224	
				785	Groundwater sample: R-SB-4/GW 9-10 collected for VOC analysis
10		Green; F-M SAND, trace silt and gravel; strong odor; wet		9999 over	
				9999 over	Soil Sample: R-SB-4/11-12 collected for VOC analysis
		Green; M-C SAND, trace silt; strong odor; wet		581	
		Green; M-C SAND, rock (crushed); odor; dry		20.4	
				39.6	
15		Olive green; SILTY CLAY (hard); moist		4.8	
		Olive green; M-C SAND and SILT (hard); moist		6.6	Soil Sample: R-SB-4/16-17 collected for VOC analysis
		Olive green; SILTY CLAY (hard); moist		8.9	
				0.0	
20				0.0	

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
R-SB-5	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2020.0001Y / Konica Minolta		**71 Charles Street**		
APPROVED BY	LOGGED BY	**Glen Cove, New York**		
N. Epler	**D. Dhagat**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / John Freljomil				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/7/11-3/7/11**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**7 (Feet BLS)**	**Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark gray; M-C SAND, some asphalt; dry		2.9	
		Dark brown; F-M SAND, trace gravel; dry		2.3	
				4.7	
		Dark gray; F-M SAND, some silt; odor; dry to moist		21.4	Soil Sample: R-SB-5/3-4 collected for VOC analysis
		Dark gray; F-M SAND and SILT, some gravel; odor; moist		13.4	
5		Gray; M-C SAND, gravel; odor; moist		8.0	5
		Dark gray; F-M SAND, trace silt and gravel; odor; moist to wet		84.9	
	▽ GROUND WATER LEVEL 3/7/2011	Brown and gray; M-C SAND, some gravel; odor; wet		534.0	Soil Sample: R-SB-5/7-8 collected for VOC analysis
				1272.0	
		Mix of Olive Green-orange-gray; SILTY CLAY, trace gravel; odor; wet		9999 over	
10		Green; SILT and CLAY, strong odor; moist		9999 over	Soil Sample: R-SB-5/10-11 collected for VOC analysis 10
		Orange and olive green mix; SILTY CLAY; strong odor; moist		3583	Soil Sample: R-SB-5/11-12 collected for VOC analysis
				294	
		Gray; SILTY CLAY (packed); odor; moist		383	
				616	Soil Sample: R-SB-5/14-15 collected for VOC analysis
15				240	15
				86.5	
				20.2	
		Gray; SILTY SAND, some clay; moist		5.7	
		Yellowish orange; F-M SAND, some silt; moist		3.1	
20					20

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

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SOIL BORING LOG

WELL NO.: **R-SB-6**	NORTHING: **Not Measured**	EASTING: **Not Measured**		
PROJECT NO./NAME: **2020.0001Y / Konica Minolta**		LOCATION: **71 Charles Street, Glen Cove, New York**		
APPROVED BY: **N. Epler**	LOGGED BY: **D. Dhagat**			
DRILLING CONTRACTOR/DRILLER: **Roux Associates, Inc. / John Freijomil**		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE: **3-in. / Drive Sampler**	BOREHOLE DIAMETER: **2-inches**	DRILLING EQUIPMENT/METHOD: **DT 6620 / Geoprobe**	SAMPLING METHOD: **2" Macro-Core**	START-FINISH DATE: **3/7/11-3/7/11**
LAND SURFACE ELEVATION: **Not Measured**	DEPTH TO WATER: **7 (Feet BLS)**	BACKFILL: **Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown; M SAND, trace gravel and asphalt; dry		0.0	
		Brown; F-M SAND, trace gravel; dry		0.0	
		Brown; F-M SAND, some staining, trace gravel; dry		0.0	
		Brown; M-C SAND, some gravel; moist		0.0	
				0.0	
5		Dark gray; M-C SAND, trace gravel; odor; moist		12.4	
		Dark gray; M-C SAND, trace gravel, staining at 7 ft; odor; moist		22.0	
	▽ GROUND WATER LEVEL 3/7/2011	Gray to light gray; F-M SAND, trace silt and gravel; odor; moist to wet		211	Soil Sample: R-SB-6/7-8 collected for VOC analysis
		Gray; F-M SAND, trace silt and gravel; odor; moist		187	
		Olive gray; SILTY SAND, clay layerat 10 ft (very hard); odor; moist		129	Soil Sample: R-SB-6/9-10 collected for VOC analysis
10		Gray; F-M SAND, trace gravel; odor; moist		179	
		Gray; F-M SAND, trace gravel and silt, staining at 12 ft; odor; moist		61.3	Soil Sample: R-SB-6/11-12 collected for VOC analysis
		Gray; F-M SAND, trace silt; odor; moist		7.0	
		Olive gray; M SAND, trace silt and gravel; moist		4.4	
				2.8	
15		Gray; F-M SAND, some gravel; odor; moist		3.8	
				2.8	
		Gray; M SAND, trace silt; odor; moist		5.5	
		Gray; M SAND, trace gravel; odor; moist		3.0	
		Gray; F-M SAND, trace silt; moist		3.6	
20		Gray; M SAND, some gravel; odor; dry		4.2	
				2.5	
		Gray; SILTY SAND, some clay (very hard), tint of orange color; dry		3.3	
		Gray; M SAND, some gravel; dry		2.1	
		Gray; SILTY SAND, trace clay; dry		3.5	
25					

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
R-SB-7	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2020.0001Y / Konica Minolta		**71 Charles Street**		
APPROVED BY	LOGGED BY	**Glen Cove, New York**		
N. Epler	**D. Dhagat**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / John Freijomil				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/7/11-3/7/11**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**7 (Feet BLS)**	**Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Grayish brown; M-C SAND, some gravel and asphalt; moist		0.0	
		Gray to brown; M-C SAND, some gravel, trace silt; odor; moist		0.0	
		Brown to dark gray; SILTY SAND, trace clay; odor; moist (hard)		17.3	Soil Sample: R-SB-7/4-5 collected for VOC analysis
5		Gray; SILTY SAND, trace gravel and clay; odor; moist		8.6	5
		Gray; F-M SAND, some silt, trace gravel; odor; moist to wet		7.2	
				4.7	Soil Sample: R-SB-7/7-8 collected for VOC analysis
		Gray; F-M SAND, trace silt, some gravel, purple/blue layer at 9ft; odor; moist		23.2	
		Olive gray; SILTY SAND, trace clay (hard); odor; moist		72.7	
10		Gray; silty sand, trace clay (hard), some staining; odor; moist		9999 over	Soil Sample: R-SB-7/10-11 collected for VOC analysis 10
		Dark gray; M-C SAND, trace silt; odor; moist		9999 over	
		Dark to light brown; F SAND and SILT, stained; odor; moist		0.0	
		Dark gray to olive gray; SILTY SAND, some clay (hard); odor; moist		0.0	
		Gray; SILTY SAND, trace clay (hard); moist		1018	Soil Sample: R-SB-7/14-15 collected for VOC analysis
15		Gray; SILT, some clay (very hard and packed); dry		0.0	15
				0.0	
				0.0	
				0.0	
				0.0	
20				0.0	20

▽ GROUND WATER LEVEL 3/7/2011

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SOIL BORING LOG

WELL NO.: **R-SB-8**	NORTHING: **Not Measured**	EASTING: **Not Measured**		
PROJECT NO./NAME: **2020.0001Y / Konica Minolta**		LOCATION: **71 Charles Street, Glen Cove, New York**		
APPROVED BY: **N. Epler**	LOGGED BY: **D. Dhagat**			
DRILLING CONTRACTOR/DRILLER: **Roux Associates, Inc. / John Freljomil**		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE: **3-in. / Drive Sampler**	BOREHOLE DIAMETER: **2-inches**	DRILLING EQUIPMENT/METHOD: **DT 6620 / Geoprobe**	SAMPLING METHOD: **2" Macro-Core**	START-FINISH DATE: **3/4/11-3/4/11**
LAND SURFACE ELEVATION: **Not Measured**	DEPTH TO WATER: **7 (Feet BLS)**	BACKFILL: **Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown; F-M SAND, little asphalt; dry		4.4	
		Brown; F SAND, silty clay layer, trace gravel; moist		1.5	
		Brown; SILTY CLAY, fine sand; moist		2.2	
5		Dark gray; M SAND; dry		4.5	5
		Gray; SILTY CLAY and FINE SAND, purple stained soil at 7.5 ft; odor; moist to wet		3.2	Groundwater sample: R-SB-8/GW 7-8 collected for VOC, Sulfate and Metals (filtered & unfiltered) analysis Soil Sample: R-SB-8/7-8 collected for VOC analysis
		Gray; SILTY CLAY, cobble; odor; wet		25.2	
		Gray; CLAY LAYER and SILTY SAND; moist		147	Soil Sample: R-SB-8/9-10 collected for VOC analysis
10		Gray; SILTY SAND, packed; odor; moist to wet		89.6	10 Groundwater sample: R-SB-8/GW 10-15 collected for VOC analysis
		Gray; SILTY SAND, packed and hard; odor; wet		159	
		Gray and little orange; SILTY SAND; odor; wet		56.8	
		Gray; SILTY SAND, packed and hard; odor; dry		15.5	
		Olive green layer on top and than gray; F SAND; odor; moist		11.0	
15		No Recovery			15
		Green; SILTY SAND, packed and hard; moist		20.4	
		Brown; SILTY SAND, packed and hard; moist		7.2	
				6.4	
20					20

GROUND WATER LEVEL 3/4/2011

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
R-SB-9	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
2020.0001Y / Konica Minolta		**71 Charles Street**		
APPROVED BY	LOGGED BY	**Glen Cove, New York**		
N. Epler	**D. Dhagat**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / John Freljomil				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3-in. / Drive Sampler	**2-inches**	**DT 6620 / Geoprobe**	**2" Macro-Core**	**3/4/11-3/4/11**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**11 (Feet BLS)**	**Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		No Reconvery			
		Brown; M SAND, little asphalt; moist		0.0	
		Tan; F SAND at 4.25 ft, light brown-gray; F SAND, trace gravel; moist		0.0	
5		No Recovery			5
		Brown; F SAND; moist		0.0	
		Tan; F SAND, thin layer of orange sand; moist		0.0	Groundwater sample: R-SB-9/GW 8-9 collected for VOC, Sulfate and Metals (filtered & unfiltered) analysis
		Brownish gray; F SAND; moist		0.0	
10		No Recovery			10
	▽ GROUND WATER LEVEL 3/4/2011	Gray; F SAND, little asphalt, trace silt; moist to wet		0.0	Soil Sample: R-SB-9/11-12 collected for VOC analysis
		Light brown and little tan; F SAND; wet		0.0	
		Brown; F SAND; wet to moist		0.0	
		Tan to dark brown; F-C SAND, trace gravel; moist		0.0	
15		Gray and brown mixture; F SAND, trace gravel, tightly packed sand; wet		0.9	Soil Sample: R-SB-9/15-16 collected for VOC analysis
		Mixture of orange and brown; F SAND, trace gravel; moist		1.5	
		Yellowish orange; F-M SAND; moist		1.7	
		Yellowish orange; M-C SAND, cobble, trace gravel; moist		2.0	
		Yellowish orange; M-C SAND, trace gravel; moist		0.6	
20		Gray; SILTY SAND; wet		0.6	20
		Gray to light brown; SILTY SAND, trace gravel; wet		0.4	Soil Sample: R-SB-9/21-22 collected for VOC analysis
		Light yellowish orange; M SAND, trace gravel; moist		1.2	
		Light yellowish orange to light brown; M-C SAND; moist		0.7	
		Light brown; M-C SAND, trace gravel; moist		0.6	
25					25

BORING/FEET 2020.0001Y.GPJ ROUX.GDT 6/15/11

APPENDIX C

Well Sampling Forms

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample R-SB-1/GW 12-13-24 Time: 1340.

Well No: ~~R-SB-1~~

Weather:

Date:

Purge Water Disposal: Drum

Sampled By:

Well Diameter / Type: 2" PVC temporary

Depth of Well (ft): 13.5 ft

Water Column (ft):

Depth to Water(ft): 7.05 ft

Volume of Water in Well (gal)

Depth to Product (ft):

Volume of Water to Remove (gal):

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1330

Purge Rate: ~20 ml/min

End Purging: 1335

Volume of Water Removed (gal): ~0.2 gal

Method of Purge:

Method of Sampling:

Physical Appearance/ Comments: very silty, sheen, iron dry gtr ~0.2 gal

Samples Collected: (analyses / no. bottles)

VOCs (8260)- 3 voas

~~Sulfate (300.0)~~

~~Metals (6020) Filtered~~

~~Metals (6020) Unfiltered~~

Laboratory : TestAmerica CT

Field Measurements:

Time	Volume gal	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample: R-SB-3 (6'-7') Time: 1510.

Well No: R-SB-3 Weather: 40's, Partly cloudy.

Date: 3/15/11 Purge Water Disposal:

Sampled By: DD, RP Well Diameter / Type: 1" PVC temporary.

Depth of Well (ft): 10 ft Water Column (ft):

Depth to Water(ft): 5.33 ft Volume of Water in Well (gal)

Depth to Product (ft): — Volume of Water to Remove (gal):

well diameter:	(1 in)	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 0840 Purge Rate:

End Purging: Volume of Water Removed (gal):

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: Gray - very silty, hydrocarbon odor, dry after ~ 300 ml

Samples Collected: (analyses / no. bottles) VOCs (8260)- 3 voas only. ~~Sulfate (300.0)~~ ~~Metals (6020) Filtered~~ ~~Metals (6020) Unfiltered~~ Laboratory : TestAmerica CT

Field Measurements:

Time	Volume gal	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
0840	→ The well point was set on 3/14/11, try to purge water on 3/15/11. The point ran dry after purging 300 ml. Let it sit to recharge.							
1445	→ Tried to purge & point ran dry in ~100 ml. Require to recharge in order to grab VOC samples at the most.							

7.53
- 1.90
5.63

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample: R-SB-3 | GW 14-15 Time: 0940.

Well No: R-SB-3. Weather: 40s High to 65F, Sunny.

Date: 3/18/11 Purge Water Disposal: Drum

Sampled By: DD. Well Diameter / Type: 1" PVC temporary.

Depth of Well (ft): ~~5.63~~ 15.5 ft Water Column (ft):

Depth to Water(ft): 5.63 ft Volume of Water in Well (gal)

Depth to Product (ft): — Volume of Water to Remove (gal):

well diameter:	(1 in)	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 0925 Purge Rate: ~120 ml/min

End Purging: 0940 Volume of Water Removed (gal): ~1.5 gal.

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: Very silty, gray, H-C odor, sheen

Samples Collected: (analyses / no. bottles) VOCs (8260)- 3 voas ~~Sulfate (300.0)~~ ~~Metals (6020) Filtered~~ ~~Metals (6020) Unfiltered~~ Laboratory : TestAmerica CT

Field Measurements:

Time	Volume gal	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
Note: Purge water not getting clear enough to hook up the Horiba-22 & take readings.								

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample: R-SB-4/ 9-10 Time: 1425

Well No: R-SB-4. Weather:

Date: 3/12/11 Purge Water Disposal: Drum

Sampled By: DD. Well Diameter / Type: 2" PVC temporary.

Depth of Well (ft): 10 ft Water Column (ft):

Depth to Water(ft): 5.59 ft Volume of Water in Well (gal)

Depth to Product (ft): Volume of Water to Remove (gal):

well diameter:	(1 in)	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1406 Purge Rate: ~ 120 ml/min

End Purging: 1423 Volume of Water Removed (gal): ~ 3 gal

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: very silty, HC odor, sheen, clear after ~0.75 gal

Samples Collected: (analyses / no. bottles) VOCs (8260)- 3 voas ~~Sulfate (300.0)~~

~~Metals (6020) Filtered~~

~~Metals (6020) Unfiltered~~ Laboratory : TestAmerica CT

Field Measurements:

Time	Volume (gal) DTW ft	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
1407	6.01	0.57	-128	2.86	0.0	6.85	15.7	0.1
1412	6.01	0.00	-112	2.16	-5.0	6.48	12.3	0.1
1417	6.01	0.00	-111	2.16	-5.0	6.41	11.7	0.1
1422	6.01	0.00	-113	2.16	-5.0	6.37	11.6	0.1

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample: R-SB-4/GW 6-7 Time: 1440.

Well No: R-SB-4 Weather:

Date: 3/15/11 Purge Water Disposal: Drum

Sampled By: DD, RP Well Diameter / Type: 1" PVC, temporary

Depth of Well (ft): 8 ft. Water Column (ft):

Depth to Water(ft): 5.75 ft Volume of Water in Well (gal)

Depth to Product (ft): — Volume of Water to Remove (gal):

well diameter:	(1 in)	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1405 Purge Rate: ~220 ml/gal/min

End Purging: 1427 Volume of Water Removed (gal): ~2.5 gal.

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: Gray, very silty, odor (HC), clear after 0.75 gal

Samples Collected: (analyses / no. bottles)
VOCs (8260)- 3 voas Sulfate (300.0)
Metals (6020) Filtered
Metals (6020) Unfiltered Laboratory : TestAmerica CT

Field Measurements:

Time	Volume ~~gal~~ Purged	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
1410	6.50	0.00	-103	1.35	-50	6.67	9.5	0.1
1415	6.54	0.00	-109	1.86	727	6.65	9.5	0.1
1420	6.63	0.00	-114	1.87	716	6.65	9.6	0.1
1425	6.64	0.00	-118	1.88	953	6.65	9.6	0.1

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Well No: R-SB-8 Weather: 45s Sunny

Date: 3/16/11 Purge Water Disposal:

Sampled By: DD, RP Well Diameter / Type: 1" temporary screen

Depth of Well (ft): 10 ft Water Column (ft):

Depth to Water(ft): 7.19 ft Volume of Water in Well (gal)

Depth to Product (ft): — Volume of Water to Remove (gal):

well diameter:	(1 in)	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1625 Purge Rate: 180 ml/min

End Purging: 1645 Volume of Water Removed (gal): ~600 ml.

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: Gray; silty. Time: 1820

* Sample ID: R-SB-8/GW 7-8

Samples Collected: (analyses / no. bottles)
VOCs (8260)- 3 voas. Sulfate (300.0)
Metals (6020) Filtered
Metals (6020) Unfiltered Laboratory: TestAmerica CT

Samples on 3/15/11

Field Measurements:

Time	Volume Purged (L)	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
1635	7.45	9.64	-47	0.134	630	6.62	9.3	0.0
1640	8.65	9.60	-51	0.118	308	6.56	9.0	0.0
1645	9.81	9.51	-54	0.105	299	6.53	8.8	0.0
* well running dry - let it sit to recharge.								
1750	well still dry. let it sit/recharge overnight to collect samples.							

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample: R-SB-2/GW 10-15 Time: 1150

Well No: R-SB-8 Weather:

Date: 3/18/11 Purge Water Disposal: Drum

Sampled By: DD Well Diameter / Type: 2" PVC temporary

Depth of Well (ft): 14.5 ft Water Column (ft):

Depth to Water(ft): 6.45 ft. Volume of Water in Well (gal)

Depth to Product (ft): — Volume of Water to Remove (gal):

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1435 Purge Rate: ~ 120 ml/min

End Purging: 1503 Volume of Water Removed (gal):

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: Silty, odor, sheen, clear after 0.5 gal.

Samples Collected: (analyses / no. bottles) VOCs (8260)- 3 voas Sulfate (300.0)

~~Metals (6020) Filtered~~

~~Metals (6020)~~ Unfiltered Laboratory : TestAmerica CT

Field Measurements:

Time	Volume gal	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
1446	7.15	3.41	-183	0.703	-5.0	7.55	12.9	0.0
1451	7.16	0.0	-167	0.613	-5.0	7.05	13.0	0.0
1456	7.16	0.0	-163	0.664	322.0	6.92	12.9	0.0
1501	7.16	0.0	-164	0.668	312.0	6.92	12.8	0.0
* fluctuating turbidity readings → continually dropping								

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

sample: R-SB-9/GW 8-9 Time 1230

Well No: R-SB-9 Weather:

Date: 3/15/11 Purge Water Disposal: DRUM

Sampled By: DD, RP Well Diameter / Type: 1" PVC temporary

Depth of Well (ft): 10 ft Water Column (ft):

Depth to Water(ft): 7.39 ft Volume of Water in Well (gal)

Depth to Product (ft): — Volume of Water to Remove (gal):

well diameter:	(1 in)	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1210 Purge Rate: ~160 ml/min

End Purging: 1227 Volume of Water Removed (gal): ~1.2 gal

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: silty, HC odor, clear after 0.5 gal

Samples Collected: (analyses / no. bottles)
VOCs (8260)- 3 voas Sulfate (300.0)
Metals (6020) Filtered
Metals (6020) Unfiltered Laboratory : TestAmerica CT

Field Measurements:

Time	Volume gal DEPTH ft	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
1215	8.05	0.0	-53	0.751	-5.0	6.60	10.2	0.0
1220	8.06	0.0	-47	0.753	-5.0	6.51	10.9	0.0
1225	8.06	0.0	-46	0.754	816	6.48	11.0	0.0

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample: R-SB-10 (GW 8-9 Time: 1540

Well No: R-SB-10. Weather:

Date: 3/15/11 Purge Water Disposal: Drum

Sampled By: DD, RP Well Diameter / Type: 1" PVC temporary.

Depth of Well (ft): ~10 ft. Water Column (ft):

Depth to Water(ft): 7.69 Volume of Water in Well (gal)

Depth to Product (ft): Volume of Water to Remove (gal):

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: Purge Rate:

End Purging: Volume of Water Removed (gal):

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: Very silty, odor (HC), sheen → initial purge. clear water after recharge in the afternoon.

Samples Collected: (analyses / no. bottles) VOCs (8260)- 3 voas, Sulfate (300.0), ~~Metals (6020) Filtered~~, ~~Metals (6020) Unfiltered~~

Laboratory: TestAmerica CT

Field Measurements:

Time	Volume gal	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
1518 → Well point ran dry after ~180 ml. Collected VOC samples after recharging								
Note: Attempt was made to purge the well point in the morning.								

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample: R-SB-10/GW 12-15 Time: 1035

Well No: R-SB-10 Weather:

Date: 3/18/10 Purge Water Disposal: Drum

Sampled By: DD. Well Diameter / Type: 1" PVC temporary

Depth of Well (ft): 15 ft Water Column (ft):

Depth to Water(ft): 7.51 ft Volume of Water in Well (gal)

Depth to Product (ft): — Volume of Water to Remove (gal):

well diameter:	(1 in)	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1005 Purge Rate: ~100 ml/min

End Purging: 1032 Volume of Water Removed (gal): ~2.5 gal

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: Gray, very silty H-C odor, sheen, water clear after 1.5 gal.

Samples Collected: (analyses / no. bottles) VOCs (8260)- 3 voas ~~Sulfate (300.0)~~ ~~Metals (6020) Filtered~~ ~~Metals (6020) Unfiltered~~

Laboratory : TestAmerica CT

Field Measurements:

Time	~~Volume~~ pH	Dissolved O_2 mg/L	ORP mV	Conductivity ~~mS/cm~~ S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
1017	8.31	0.0	-65	1.76	-5.0	6.35	13.2	0.1
1022	8.31	0.0	-75	1.64	-5.0	6.18	12.8	0.1
1027	8.32	0.0	-76	1.64	-5.0	6.06	12.8	0.1
1032	8.32	0.0	-75	1.63	-5.0	6.05	12.8	0.1

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample : R-SB-14 (GW) 6-7 Time : 1035

Well No: R-SB-14 Weather: 40's, Partly cloudy.

Date: 3/15/11 Purge Water Disposal: Drum

Sampled By: DD RP Well Diameter / Type: 1" PVC temporary

Depth of Well (ft): 8 ft Water Column (ft):

Depth to Water(ft): 5.70 ft Volume of Water in Well (gal)

Depth to Product (ft): — Volume of Water to Remove (gal):

well diameter:	(1 in)	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 0955 Purge Rate: ~120 ml/min

End Purging: 1020 Volume of Water Removed (gal): ~1 gal

Method of Purge: Method of Sampling: low flow (peristaltic pump)

Physical Appearance/ Comments: Gray, silty, odor.

Samples Collected: (analyses / no. bottles)
VOCs (8260)- 3 voas Sulfate (300.0)
Metals (6020) Filtered
Metals (6020) Unfiltered Laboratory : TestAmerica CT

Field Measurements:

Time	Volume (gal)	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
1003	6.96	12.01	24	0.223	-5	6.18	9.0	0.0
1008	6.97	10.85	134	0.214	-5	5.49	8.4	0.0
1013	6.98	10.64	148	0.210	-5.0	5.40	8.3	0.0
1018	6.98	9.23	152	0.210	903	5.40	8.1	0.0

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

R-SB-14 | GW 12-15 Time: 1120

Well No: R-SB-14 Weather:

Date: 3/12/11 Purge Water Disposal: Drum

Sampled By: DD. Well Diameter / Type: 1" PVC temporary.

Depth of Well (ft): 15 ft Water Column (ft):

Depth to Water(ft): 6.31 ft Volume of Water in Well (gal)

Depth to Product (ft): — Volume of Water to Remove (gal):

well diameter:	(1 in)	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1045 Purge Rate: ~100 ml/min

End Purging: 1115 Volume of Water Removed (gal): ~.2 gal.

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: Silty, little odor + sheen, clear after 0.25 gal.

Samples Collected: (analyses / no. bottles) VOCs (8260)- 3 voas ~~Sulfate (300.0)~~ ~~Metals (6020) Filtered~~ ~~Metals (6020) Unfiltered~~

Laboratory : TestAmerica CT

Field Measurements:

Time	Volume gal - ft	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
1053	6.32	0.0	-30	0.892	-5.0	6.66	11.2	0.0
1058	6.32	0.0	-19	0.894	-5.0	6.24	10.6	0.0
1103	6.32	0.0	-15	0.917	-5.0	6.02	10.6	0.0
1108	6.32	0.0	-21	0.933	-5.0	6.01	10.7	0.0
1113	6.32	0.0	-28	0.932	-5.0	6.02	10.9	0.0

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample: R-SB-15/GW 6-7 Time: 0915

Well No: R-SB-15 Weather: 60s. Partly cloudy.

Date: 3/15/11 Purge Water Disposal: Drum 1

Sampled By: _____ Well Diameter / Type: 1" PVC temporary

Depth of Well (ft): 8.5 ft Water Column (ft): _____

Depth to Water(ft): 6 ft Volume of Water in Well (gal) _____

Depth to Product (ft): — Volume of Water to Remove (gal): _____

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 0845. Purge Rate: ~180 ml/min.

End Purging: 0915. Volume of Water Removed (gal): ~1 gal

Method of Purge: _____ Method of Sampling: _____

Physical Appearance/ Comments: Grey, initial purge silty & clear water after 0.5 gal, odor.

Samples Collected: (analyses / no. bottles)
VOCs (8260) - 3 voas Sulfate (300.0)
Metals (6020) Filtered
Metals (6020) Unfiltered Laboratory : TestAmerica CT

Field Measurements:

Time	Volume (Pre-Purge)	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C - F	Salinity %
0858	7.15	0.0	-59	1.03	-5	6.24	9.7	0.0
0903	7.16	0.0	-59	1.02	-5	5.95	9.4	0.0
0908	7.16	0.0	-65	1.01	7.29	5.92	9.3	0.0
0913	7.19	0.0	-71	1.01	6.17	5.94	9.3	0.0

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample: R-SB-15/GW 9-14 Time: 1320

Well No: R-SB-15 Weather:

Date: 3/18/11 Purge Water Disposal: Drum

Sampled By: Well Diameter / Type: 1" PVC temporary

Depth of Well (ft): 15 ft Water Column (ft):

Depth to Water(ft): 5.92 ft Volume of Water in Well (gal)

Depth to Product (ft): — Volume of Water to Remove (gal):

well diameter:	(1 in)	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1241 Purge Rate: ~ 110 ml/min

End Purging: 1305 Volume of Water Removed (gal): ~ 2 gal

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: silty, grey, HC odor, clear after 0.5 gal.

Samples Collected: (analyses / no. bottles) VOCs (8260)- 3 voas ~~Sulfate (300.0)~~ Metals (6020) Filtered ~~Metals (6020) Unfiltered~~

Laboratory : TestAmerica CT

Field Measurements:

Time	Volume Purged gal - ft	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
1249	6.09	0.0	-123	1.46	-5.0	6.60	12.5	0.1
1254	6.10	0.0	-106	1.34	-5.0	6.28	11.5	0.1
1259	6.12	0.0	-94	1.32	-5.0	6.08	11.2	0.1
1304	6.12	0.0	-95	1.32	-5.0	6.09	11.2	0.1

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample: R-SB-16 | GW-7 Time: 1130

Well No: R-SB-16 Weather: Clear, Partly Cloudy.

Date: 3/15/11 Purge Water Disposal: Drum

Sampled By: DD, RP Well Diameter / Type: 1" PVC temporary.

Depth of Well (ft): 10.00 ft Water Column (ft):

Depth to Water(ft): 5.22 ft Volume of Water in Well (gal)

Depth to Product (ft): — Volume of Water to Remove (gal):

well diameter:	(1 in)	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1103. Purge Rate: ~210 ml/min

End Purging: 1125 Volume of Water Removed (gal):

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: Silty Gray, H-C odor., clear after 0.70ml/min start

Samples Collected: (analyses / no. bottles) VOCs (8260)- 3 voas Sulfate (300.0)

Metals (6020) Filtered

Metals (6020) Unfiltered Laboratory : TestAmerica CT

Field Measurements:

Time	Volume Purged (gal)	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - ~~µm~~	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
1105	5.72	0.00	-57	0.631	-5.0	6.33	9.8	0.0
1110	5.20	0.00	-66	0.605	-5.0	6.31	9.8	0.0
1115	5.81	0.00	-69	0.526	-5.0	6.27	9.9	0.0
1120	5.81	0.00	-70	0.541	-5.0	6.27	9.8	0.0
1125	5.81	0.00	-71	0.579	-5.0	6.27	9.8	0.0

Well Sampling Data Form

Client: Konica Minolta **Project Number:** 2020.0001Y

Site Location: 71 Charles Street, Glen Cove, NY

Sample : R-SB-16/GW-5-20 Time: 1200

Well No: R-SB-16 Weather:

Date: 3/13/11 Purge Water Disposal: Drum

Sampled By: DSD. Well Diameter / Type: 1" PVC temporary.

Depth of Well (ft): 20 ft Water Column (ft):

Depth to Water(ft): 6.09 ft Volume of Water in Well (gal)

Depth to Product (ft): — Volume of Water to Remove (gal):

well diameter:	~~1 in~~	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1122 Purge Rate: ~100 ml/min

End Purging: 1150 Volume of Water Removed (gal): ~3 gal

Method of Purge: Method of Sampling:

Physical Appearance/ Comments: Silty, odor + sheen.

Samples Collected: (analyses / no. bottles) VOCs (8260)- 3 voas ~~Sulfate (300.0)~~ ~~Metals (6020) Filtered~~ ~~Metals (6020) Unfiltered~~

Laboratory : TestAmerica CT

Field Measurements:

Time	~~Volume~~ Purged gal	Dissolved O_2 mg/L	ORP mV	Conductivity mS/cm - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Salinity %
1129	6.10	0.0	-71	0.641	-5.0	6.29	14.3	0.0
1134	6.10	0.0	-67	0.634	-5.0	6.16	13.3	0.0
1139	6.10	0.0	-70	0.634	-5.0	6.12	13.1	0.0
1144	6.10	0.0	-74	0.637	-5.0	6.13	13.1	0.0
1149	6.10	0.0	-78	0.638	-5.0	6.15	13.1	0.0

PLATES