CHAZEN ENVIRONMENTAL SERVICES, INC.

Capital District Office
Phone: (518) 273-0055

Orange County Office
Phone: (845) 567-1133

21 Fox Street, Poughkeepsie, New York 12601
Phone: (845) 454-3980 Fax: (845) 454-4026
Email: poughkeepsie@chazencompanies.com
Web: www.chazencompanies.com

North Country Office
Phone: (518) 812-0513

July 5, 2005

Stephen Miron, Esq.
Miron Building Products Company
2001 Ulster Avenue
PO Box 1598
Kingston, NY 12402

Re: Well Installation and Assessment of PCE Impacted Groundwater, Boices Lane Office Depot Plaza, Town of Ulster, Ulster County, New York Job # 40001.05

Dear Mr. Miron,

Chazen Environmental Services recently performed a well installation and sampling program at the Boices Lane Property in Kingston, NY to facilitate the collection of additional data on current groundwater impacts from a historic release of perchloroethene (PCE). A site location map depicting the location of the property is provided as Figure 1.

The property contains a commercial building that formerly housed a dry cleaner. Sampling of six monitoring wells in 1999 revealed that PCE concentrations exceeded regulatory standards in groundwater; however, these levels decreased with distance from the source area beneath the building. The contamination extended to groundwater beyond the building footprint. Eight new monitoring wells were installed in March 2005 to provide additional information on the extent of the contaminant plume, and determine whether natural attenuation (decay) processes have reduced the contaminant concentrations in groundwater since 1999.

Monitoring Well Installation

Eight 1-inch diameter monitoring wells (MW-7 through MW-14) were installed on the site on March 23 and 24, 2005. A Geoprobe® direct push subsurface sample collection rig was used for installation. Each new well is 15.2 feet deep and contains 10 feet of screened PVC between 15.2 and 5.2 feet below ground surface (bgs) and 5 feet of solid PVC riser capped at 0.2 feet bgs. The wells were set using clean sand to 3 feet bgs followed by bentonite to 1 foot bgs. On three of the new wells, flush mount covers were installed in the pavement using quick setting concrete to protect the wells the day of installation. However, it was necessary to wait for warmer

weather to install the remainder of the flush mounts in order to ensure the quality of the concrete setting. The covers of the eight new wells are secured by hexagon shaped bolts, while the six older wells are secured with a pentagon shaped bolt or road box key.

A CES geologist was on-site throughout the well installation work to observe and log the borings, and to screen the boring holes for evidence of contaminants using a portable photo-ionization detector (PID). Well logs detailing the geology encountered during the well installation as well as depth to groundwater and field indications of impacts are provided in Attachment A. The PID was calibrated once per day and no contaminant levels were detected in any new well, except a 0.1 parts per million reading at MW-8.

While installation work progressed, both new and existing well locations were logged using a hand held Global Positioning System (GPS) unit.

Groundwater Sampling

Groundwater sampling was performed on April 22, 2005. Prior to sampling, each well was first purged of at least three well volumes of water. Work progressed from the cleanest to the most impacted well, based on past contaminant detections and by PID readings taken that day. Since the original set of wells (MW-1 through MW-6) had already been developed, three volumes were purged from these using bailers. (MW-4 could not be located due to several inches of gravel and soil cover that had been deposited by snow plows.) The new wells (MW-7 through MW-14), were purged of four volumes of standing water to decrease turbidity and gain a representative sample of the groundwater conditions.

All purged water was containerized in a 55-gallon steel drum. The drum was placed in the back southwest corner of the building along with several drums believed to contain soil generated during past work. Bailers used to purge water were dedicated to each well and remain in the wells for future sampling events.

Samples were collected within 24 hours of purging each well. Sample collection proceeded from the least, to the most contaminated well. After each volume was purged, groundwater was measured for pH, conductivity, temperature, odor, and PID reading using field instruments, and notes were recorded on field sheets. Samples were collected in preserved bottles, placed on ice, and sent to York Analytical Laboratories, Inc. (ELAP 10854) to be analyzed for volatile organic compounds (VOCs) by USEPA Method 8260.

Groundwater Sample Results

Table 1 in Attachment B summarizes sample results for the April 2005 sampling event and compares them to the 1999 findings (for exiting monitoring wells), and to NYSDEC groundwater standards or guidance values published in TOGS 1.1.1. The analytical reports are also provided in Attachment B. Contaminants of concern (COCs) associated with the historic PCE spill include the decay products TCE (trichloroethene), DCE (dichloroethene), and Vinyl Chloride. The presence of TCE, DCE, or Vinyl Chloride in groundwater indicates that the parent PCE is naturally attenuating or decaying toward a less harmful compound but is not grounds for dismissal of the problem.

Wells that had no detection of COCs include MW-1, MW-10, MW-12 and MW-13. This year, groundwater in MW-5 contained 2 parts per billion (ppb) of PCE which falls below the guidance value of 5 ppb, and the 6 ppb detected in 1999.

The rest of the sampled wells, including pre-existing MW-2, MW-3, MW-6, and new wells MW-7, MW-8, MW-9, MW-11, and MW-14, contained COC's in groundwater exceeding the NYSDEC standards in TOGS 1.1.1. The highest level of PCE contamination was detected in the southeast portion of the property in MW-14 at 1600 ppb, well over the guidance value of 5 ppb. No other COC's were detected in the sample from this well. Approximately 50 feet to the southwest of MW-14 is MW-7 which contained 160 ppb of PCE and, similarly, no other related COC's. In pre-existing well MW-2, PCE concentration in groundwater increased from 140 ppb in 1999 to 210 ppb in 2005, however, the decay product TCE was also present at 26 ppb; both concentrations exceed standards.

Other monitoring wells that exhibited chemical compound concentrations suggesting some natural attenuation include MW-6, MW-8, MW-9 and MW-11. TCE was detected below the standard in MW-6, MW-9 and MW-11, but exceeded the standard slightly in MW-8. DCE was also present in these wells, except for MW-11. Concentrations of DCE did not exceed the guidance values. Vinyl Chloride was detected only in MW-8 at 1 ppb (guidance value of 2 ppb).

Direction of Groundwater Flow and Contaminant Distribution

A well elevation survey was conducted by The Chazen Companies (TCC) in May 2005. Data obtained from this survey is provided in Table 2. Using this well elevation data and the known water levels in the monitoring wells, the groundwater elevations were calculated (see Table 2). These groundwater elevations were used to generate a groundwater elevation contour map - Figure 2. Based on the groundwater elevations, groundwater was inferred to flow in a west/southwesterly

direction, despite the area being of low relief. This direction of flow is consistent with previous data generated in 1999 (see Figure 3).

Figure 4 presents the current 2005 groundwater data for PCE and the extent of the current PCE contaminant plume. The shape and extent of the PCE plume was determined using both the chemical data and groundwater elevation information. The plume concentration and shape are estimated in the area beneath the building since no borings or wells were installed here to provide any data on groundwater conditions.

As depicted on Figure 4, source areas appear to be present near MW-14, the location of the former dry cleaner, and MW-2, the former septic system leach field. Both of these areas have plumes which extend to the west/southwest. These areas are consistent with those previously identified in 1999 (see Figure 5). Available data suggests that the contaminant plume extends beyond the western, southeastern, and southern property borders.

Closing

Generally, the plume distribution and contaminant concentrations have not changed since 1999. While contaminant concentrations have decreased in the past six years in some wells, they have increased in others. The new wells also contain COCs which are above NYSDEC standards. Using survey elevation data, the direction of groundwater flow was determined to be in a west/southwesterly direction. PCE plumes were identified in two areas on the southeastern and southwestern portions of the property, near the former dry cleaner and former septic system, respectively. The PCE plume appears to extend beyond the property boundary in three areas along the western, southeastern and southern property borders.

Little evidence for natural attenuation processes has been observed. Therefore, it is unlikely that this is a reliable and timely remedial method to prevent the plume from continuing to migrate off-site, or to improve the groundwater quality in this area by reducing PCE concentrations. Additional remedial activity is warranted to control off-site plume migration and to reduce contaminant mass within the source areas.

Sincerely,

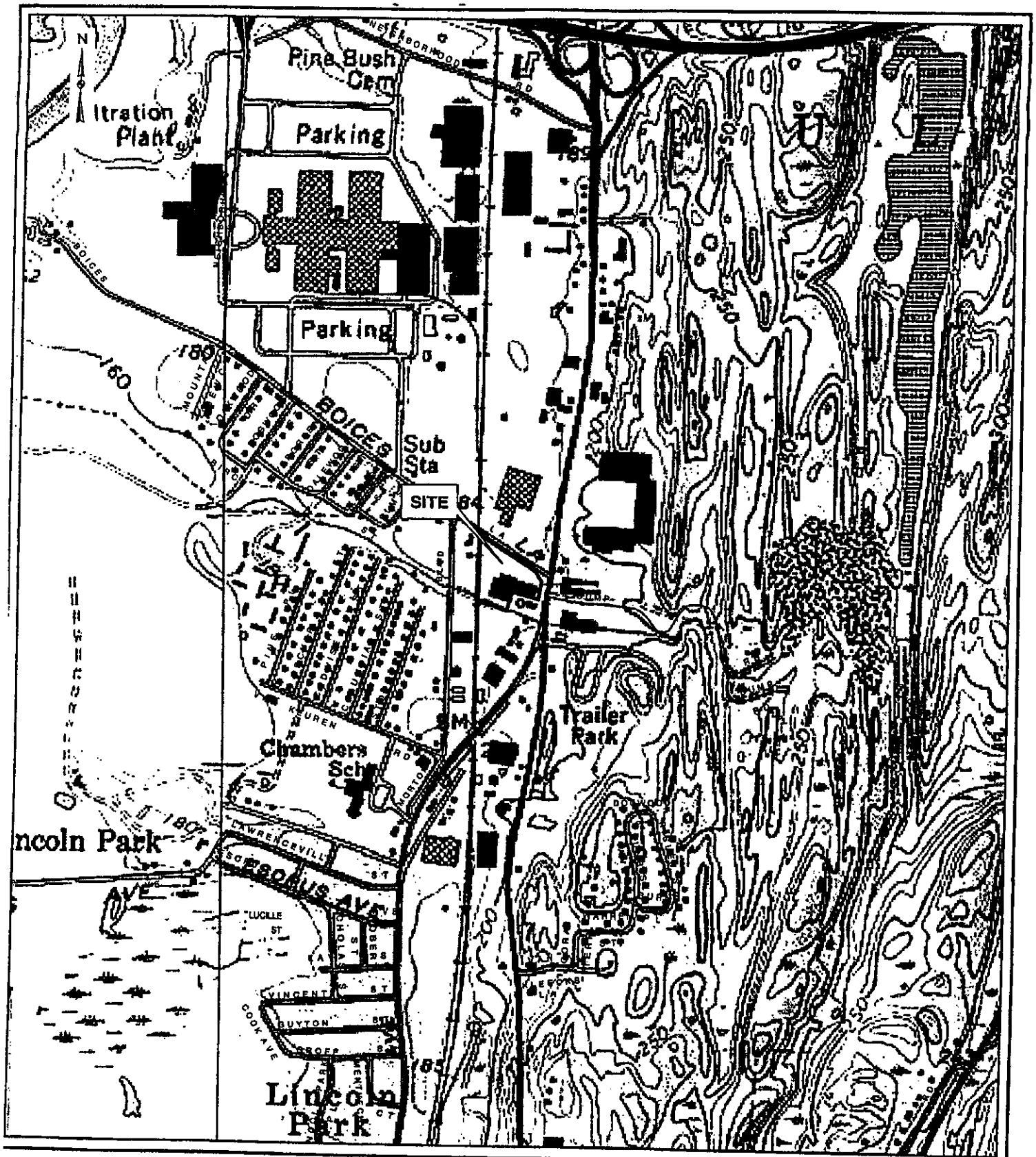
Catherine L. Monian
Senior Environmental
Scientist

CLM/dh

attachments

cc: G. Strong, MBP
D. Hayes, TCC
D. McClure, TCC

Figures



THE Chazen COMPANIES
Engineers/Surveyors
Planners
Environmental Scientists
GIS Consultants

CHAZEN ENGINEERING & LAND SURVEYING CO., P.C.

Dutchess County Office:
21 Fox Street
Poughkeepsie, NY 12601
Phone: (845) 454-3980

Orange County Office:
356 Meadow Avenue
Newburgh, NY 12550
Phone: (845) 567-1133

Capital District Office:
547 River Street
Troy, NY 12180
Phone: (518) 273-0055

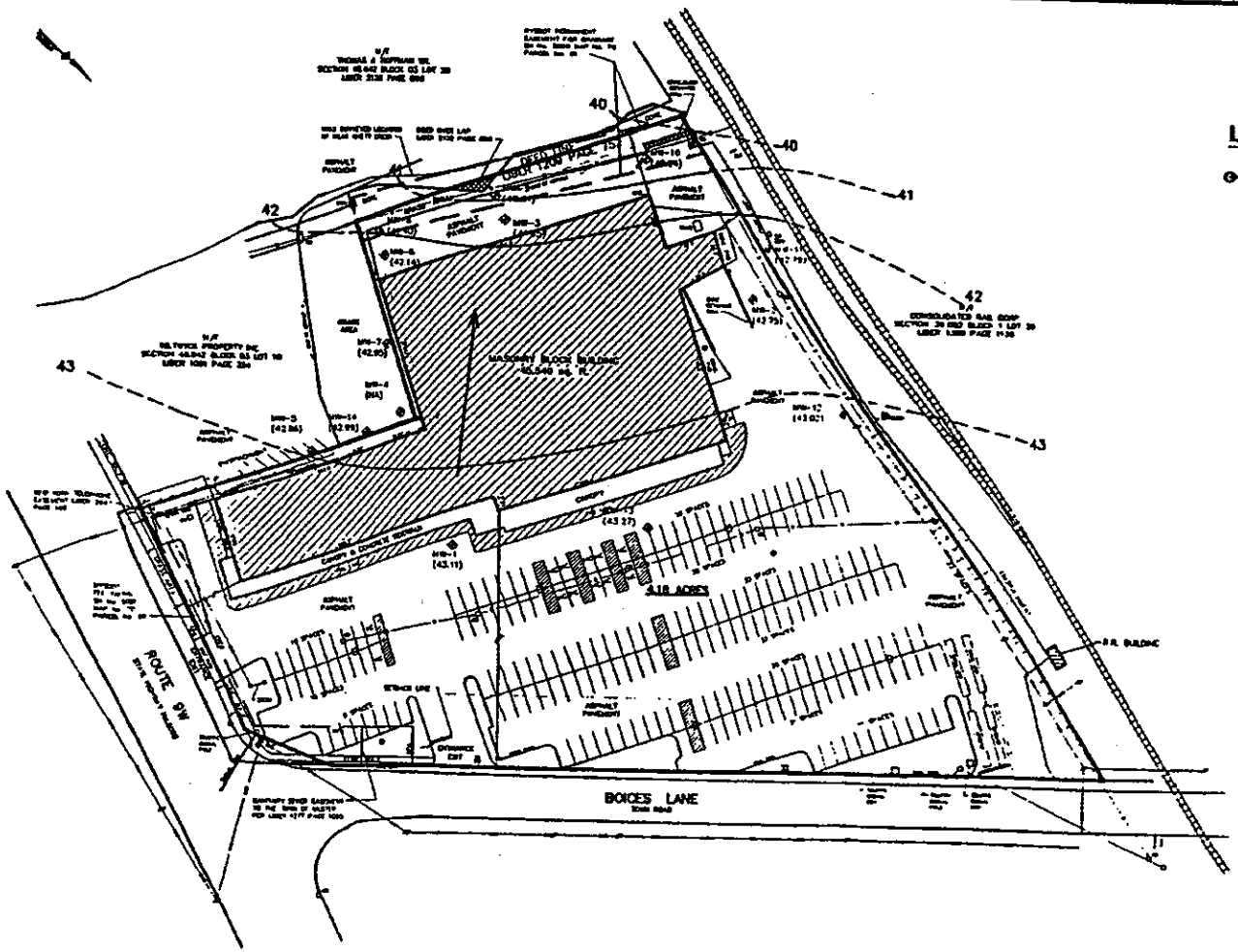
North Country Office:
110 Glen Street
Glens Falls, NY 12801
Phone: (518) 812-0513

Figure1-Site Location Map

Boices Lane Office Depot

Route 9W
Town of Ulster, Ulster County, New York

Created by	SEC
Date	6/30/05
Scale	1:12,000
Project #	40001.05



TAX PARCEL NUMBER

TOWN OF ULSTER, ULSTER COUNTY, NEW YORK
SECTION 48.042 BLOCK 03 LOT 20

LEGEND:

- 40 PHYSICAL BOUNDS
- EXISTING UNDERGROUND STORM LINE
- EXISTING CATCH BASIN
- EXISTING DRAINAGE MANHOLE
- EXISTING GAS VALVE
- EXISTING HYDRANT
- EXISTING LIGHT POLE
- EXISTING MONITOR WELL WITH GROUNDWATER ELEVATION
- EXISTING SANITARY MANHOLE
- EXISTING UTILITY POLE
- EXISTING OVERHEAD WIRES
- EXISTING WATER VALVE
- GROUNDWATER CONTOUR

WELL SURVEY DATA

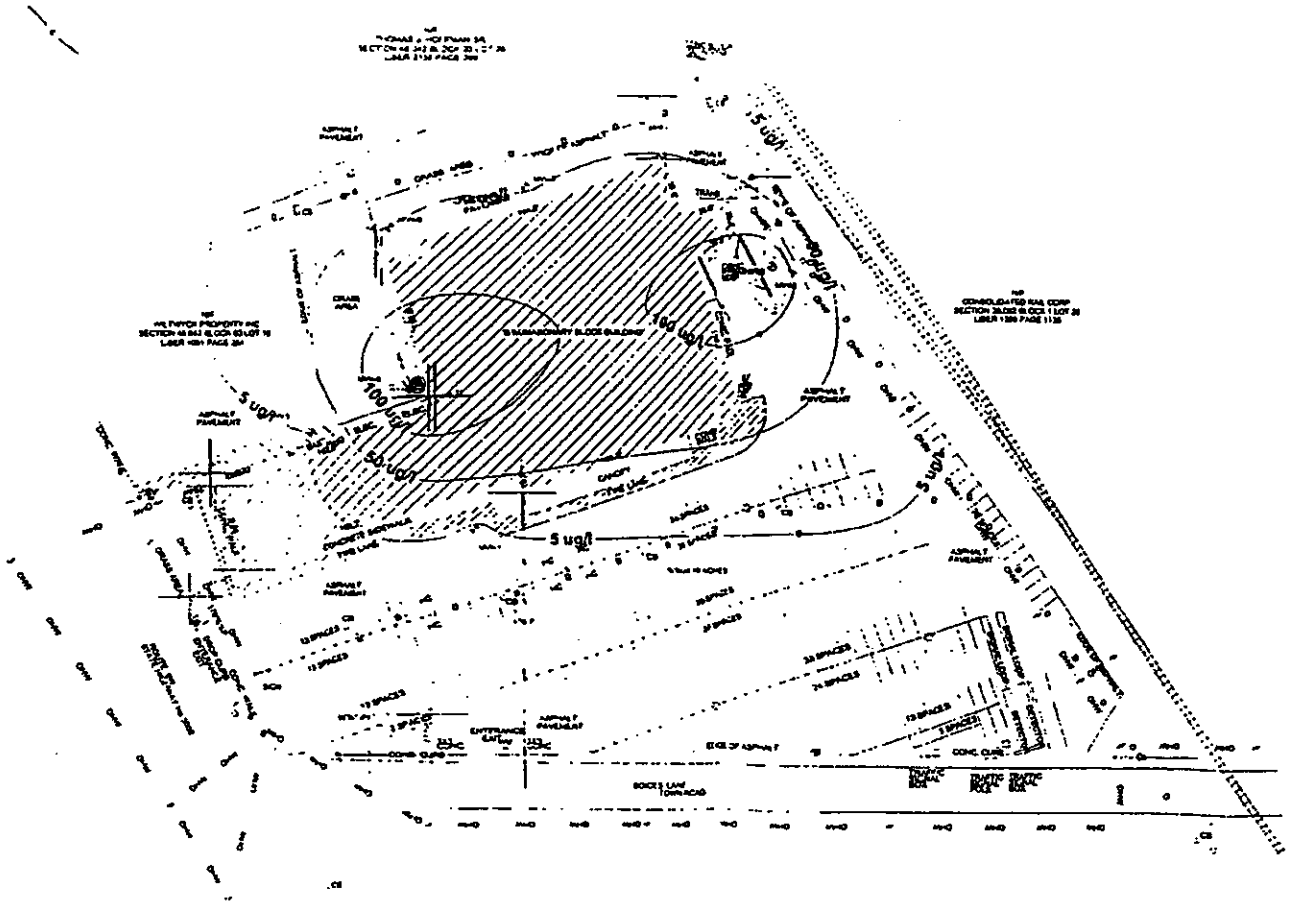
WELL NUMBER	TOP CASE ELEVATION	TOP OF PVC ELEVATION
MW-1	50.57	50.31
MW-2	49.55	49.10
MW-3	50.31	49.97
MW-4	50.55	50.17
MW-5	51.25	50.86
MW-6	49.89	49.56
MW-7	49.86	49.55
MW-8	49.81	49.40
MW-9	49.72	49.48
MW-10	49.36	49.06
MW-11	49.73	49.39
MW-12	49.48	49.19
MW-13	50.04	49.84
MW-14	50.57	50.31

CHAZEN ENGINEERING & LAND SURVEYING CO., P.C.

MIRON

FIGURE 2
GROUNDWATER ELEVATION MAP
ROUTE 9W & BOICES LANE

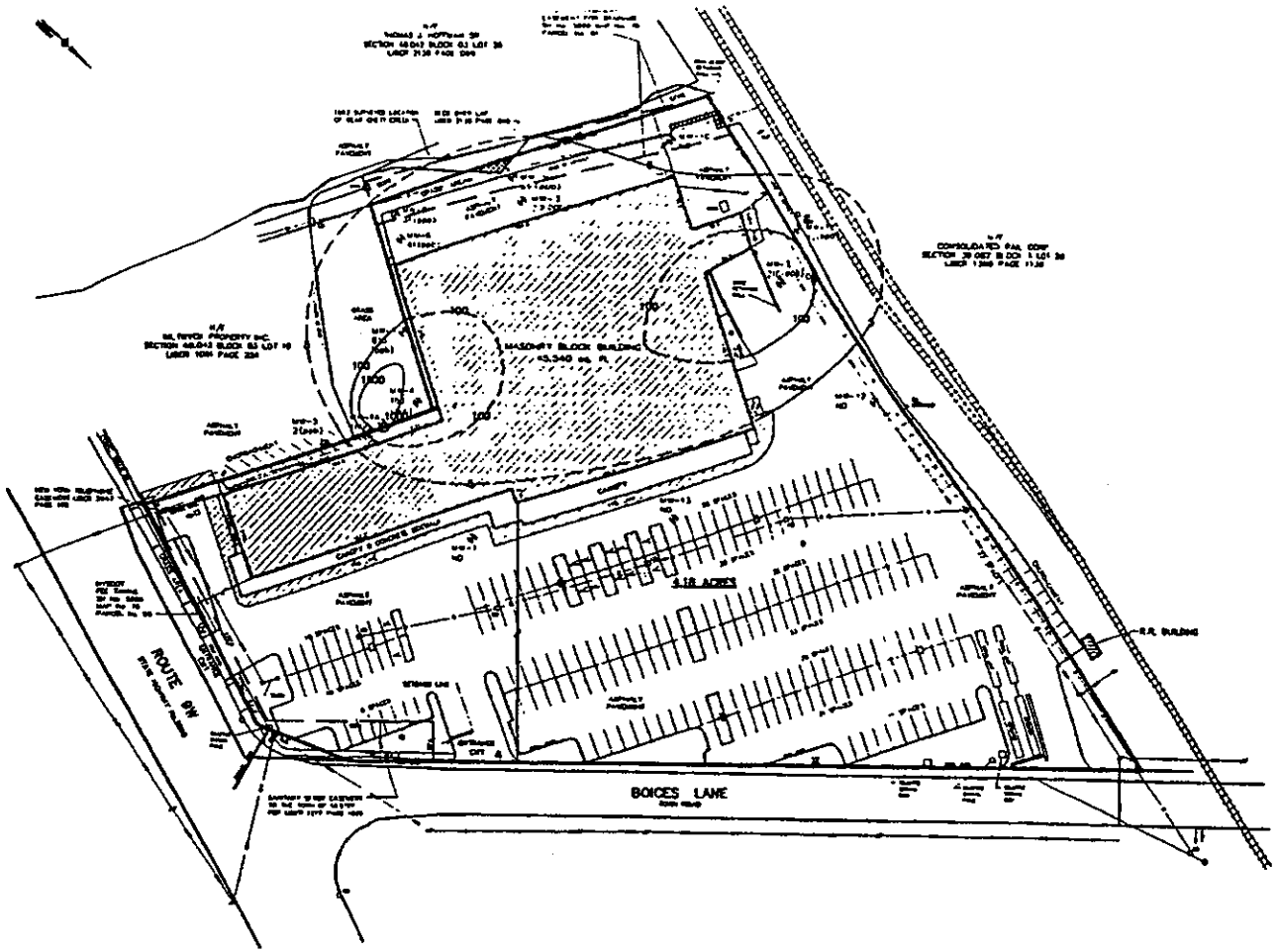
drawn	checked
MK/STF	SJA/CM
date	scale
8/16/05	1" = 80'
project no.	
40001.05	



TCC Figure 5

Figure 3: Dissolved PCE Concentration Isopleth Map (10/25/99)

Project Name:	Office Depot Shopping Center Ulster, New York	IVI Environmental, Inc. 105 Corporate Park Dr. White Plains, NY 10604	Date: December 6, 1999 Scale: 1" = 80'



TAX PARCEL NUMBER

TOWN OF ULSTER, ULSTER COUNTY, NEW YORK
SECTION 48.042 BLOCK 03 LOT 20

LEGEND:

- NO PHYSICAL BOUNDS
- EXISTING UNDERGROUND STORM LINE
- EXISTING CATCH BASIN
- EXISTING DRAINAGE MANHOLE
- EXISTING GAS VALVE
- EXISTING HYDRANT
- EXISTING LIGHT POLE
- EXISTING MONITOR WELL WITH TCE CONCENTRATION IN UG/L (PPB)
- EXISTING SANITARY MANHOLE
- EXISTING UTILITY POLE
- EXISTING OVERHEAD WIRES
- EXISTING WATER VALVE
- TCE PLUME GRADIANT (DASHED WHERE INFERRED)

WELL DATA

WELL NUMBER	TOP CASE ELEVATION	TOP OF PVC ELEVATION
MW-1	50.57	50.31
MW-2	49.55	49.10
MW-3	50.31	49.97
MW-4	50.55	50.17
MW-5	51.25	50.86
MW-6	49.88	49.56
MW-7	49.86	49.55
MW-8	49.81	49.40
MW-9	49.72	49.46
MW-10	49.36	49.08
MW-11	49.73	49.39
MW-12	49.48	49.19
MW-13	50.04	49.84
MW-14	50.57	50.31

CHAZEN ENGINEERING & LAND SURVEYING CO., P.C.

Ordway County Office
21 Fox Street
Poughkeepsie, New York 12601
Phone (845) 454-3980

Capital Region Office
547 River Street
Troy, New York 12180
Phone (518) 273-0055

Albany County Office
300 Western Avenue
Albany, New York 12203
Phone (518) 307-1155

North Country Office
100 Nott Street
Glens Falls, New York 12801
Phone (518) 812-0015

MIRON

FIGURE 4
EXTENT OF TCE PLUME
ROUTE 9W & BOICES LANE

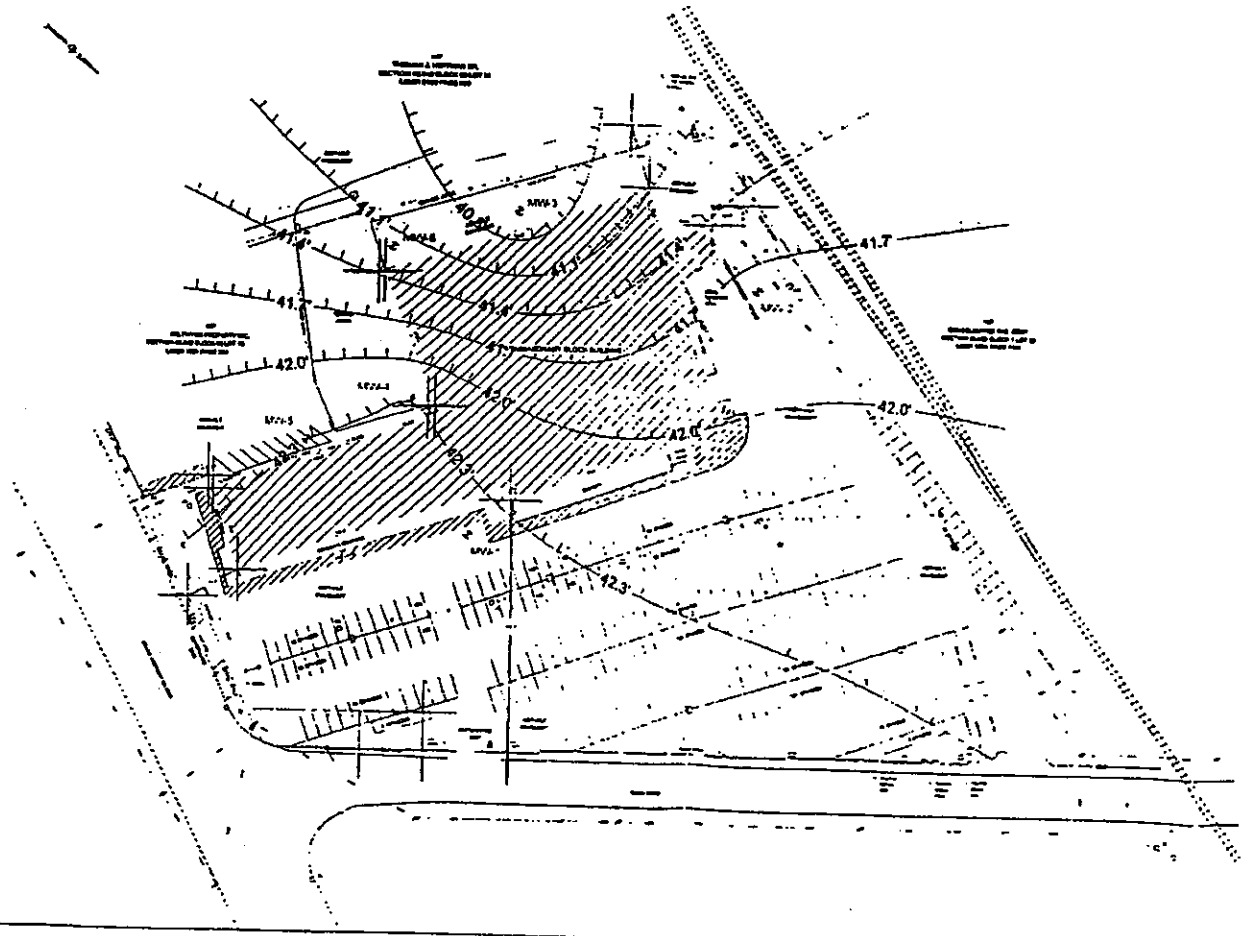
TOWN OF ULSTER, ULSTER COUNTY, NEW YORK

drawn	checked
MK/STF	SJA/CM
date	scale
8/16/05	1" = 80'
project no.	
40001.05	
sheet no.	
SP1	
1 of 1	

4548

Monitoring Well Data

WELL NUMBER	TOP CASE ELEVATION	TOP OF PVC ELEVATION
MW-1	50.57	50.31
MW-2	49.55	49.10
MW-3	50.31	49.97
MW-4	50.55	53.17
MW-5	51.25	50.88
MW-6	49.88	49.58



TCC Figure 3

Figure 2: Groundwater Gradient Map (10/25/99)

Project Name: Office Depot Shopping Center
Ulster, New York

IVI Environmental, Inc.
105 Corporate Park Dr.
White Plains, NY 10604

Date: December 6, 1999

Scale: 1" = 80'

Attachment A: Well Logs

TEST BORING AND WELL LOG

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY
12601

PROJECT: Boices Ln. Groundwater Investigation
LOCATION: Office Depot Plaza, Kingston, NY
CLIENT: Miron
PROJECT NO.: 40001.05

Test Boring No.: 7
Total Depth: 15.2 ft.

Contractor: Todd Syska
Drill Rig: Geoprobe 5410 DT
Driller: Todd Syska
Inspector: D. Hayes

Start Date: 3/24/2005
Finish Date: 3/24/2005
EL Datum:
G.S. Elevation: 0.00
Northing:
Easting:
Longitude:
Latitude:

Borehole Dia.: 2 in.
Depth to Water: 7 ft.
Depth to Rock: NA ft.
Depth of Well: 15.2 ft.

Depth (Feet)	Elevation (Feet)	Casing Data	Sample No.	Sample Data	Recovery (Inches)	PID (ppm)	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1	-1				24	0	CL	3" Topsoil, Driveway Gravel 5" Gravelly Lean Clay, mostly CLAY, little f-c gravel, little f-c sand, little silt, brown		Well Type: 1" PVC Well Location: SE corner
2	-2						SP	16" Poorly Graded Sand, mostly F-M SAND, light brown		
3	-3									
4	-4									
5	-5				36	0	SP	3" Poorly Graded Sand, mostly F-M SAND, light brown		
							SM	2" Poorly Graded Sand with Silt, mostly F-M SAND, some silt, light brown		
6	-6						SW	31" Well Graded Sand, mostly F-C SAND, brown		
7	-7									
8	-8									
9	-9				44	0	SP	5" Poorly Graded Sand, mostly F-M SAND, trace silt, light brown		
							SP	27" Poorly Graded Sand, mostly M-C SAND, greyish brown		
10	-10						ML	2" SILT, mostly SILT, trace f sand and clay, light brown		
							CL	1" Lean Clay, mostly CLAY, trace f sand and silt, light brown		
11	-11						SP	9" Poorly Graded Sand, mostly M SAND, few clay lenses, greyish brown		
12	-12									
13	-13									
14	-14									
15	-15							End of Boring at 15.2 ft bgs. Refusal not encountered.		
16	-16									
17	-17									
18	-18									
19	-19									
20	-20									

STANDARD NOTES: 1. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.
2. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
3. Test Boring Log Page 1: 0 - 20 feet Each subsequent page: Additional 25 feet.

ADDITIONAL NOTES: Well cap approx. 0.2 ft below grade, no manhole due to cold weather effect on concrete
Screened Interval: 5.2 to 15.2 ft below grade
Riser: 0.2 to 5.2 ft below grade
Sand Pack: from 3 to 15.2 ft below grade
Bentonite: filled from 1 to 3 ft below grade

DRILLING INFORMATION
Method: Direct Push

	Casing	Sample	Core
Type:	PVC		
Diam.:	1.0"		
Weight:			
Fall:			

TEST BORING AND WELL LOG

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY
12601

PROJECT: Boices Ln. Groundwater Investigation
LOCATION: Office Depot Plaza, Kingston, NY
CLIENT: Miron
PROJECT NO.: 40001.05

Test Boring No.: 8
Total Depth: 15.2 ft.

Contractor: Todd Syska
Drill Rig: Geoprobe 5410 DT
Driller: Todd Syska
Inspector: D. Hayes

Start Date: 3/23/2005
Finish Date: 3/23/2005
EL Datum:
G.S. Elevation: 0.00
Northing:
Easting:
Longitude:
Latitude:

Borehole Dia.: 2 in.
Depth to Water: 7.5 ft.
Depth to Rock: NA ft.
Depth of Well: 15.2 ft.

Depth (Feet)	Elevation (Feet)	Casing Data	Sample No.	Sample Data	Recovery (Inches)	PID (ppm)	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1	-1				36	0.1	SW	6" Asphalt and gravel 30" Well Graded Sand with gravel, mostly F-C SAND, little gravel and asphalt slough		Well Type: 1" PVC Well Location: S corner
2	-2									
3	-3									
4	-4									
5	-5				36	0	SP	12" Poorly Graded Sand with gravel, mostly F-M SAND, little c gravel		
6	-6						SP	12" Poorly Graded Sand, mostly M-C SAND, brown		
7	-7						SP	8" Poorly Graded Sand, mostly F-M SAND, brown		
8	-8						SM	4" Silty Sand, mostly F-M SAND, little silt, few clay, brown		
9	-9				48		SP	22" Poorly Graded Sand, mostly M-C SAND, brown, saturated		
10	-10						SM	20" Silty Sand, Mostly F-M SAND, some silt, few clay, greyish brown, saturated		
11	-11									
12	-12						PT	6" Highly Organic Soil, mostly PEAT, little roots, dark brown, moist		
13	-13									
14	-14									
15	-15							End of Boring at 15.2 ft bgs. Refusal not encountered.		
16	-16									
17	-17									
18	-18									
19	-19									
20	-20									

STANDARD NOTES: 1. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.
2. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
3. Test Boring Log Page 1: 0 - 20 feet Each subsequent page: Additional 25 feet.

ADDITIONAL NOTES: Well cap approx. 0.2 ft below grade
Screened Interval: 5.2 to 15.2 ft below grade
Riser: 0.2 to 5.2 ft below grade
Sand Pack: from 3 to 15.2 ft below grade
Bentonite: filled from 1 to 3 ft below grade

DRILLING INFORMATION
Method: Direct Push

	Casing	Sample	Core
Type:	PVC		
Diam.:	1.0"		
Weight:			
Fall:			

TEST BORING AND WELL LOG

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY
12601

PROJECT: Boices Ln. Groundwater Investigation
LOCATION: Office Depot Plaza, Kingston, NY
CLIENT: Miron
PROJECT NO.: 40001.05

Test Boring No.: 9
Total Depth: 15.2 ft.

Contractor: Todd Syska
Drill Rig: Geoprobe 5410 DT
Driller: Todd Syska
Inspector: D. Hayes

Start Date: 3/23/2005
Finish Date: 3/23/2005
EL Datum:
G.S. Elevation: 0.00
Northing:
Easting:
Longitude:
Latitude:

Borehole Dia.: 2 in.
Depth to Water: 8 ft.
Depth to Rock: NA ft.
Depth of Well: 15.2 ft.

Depth (Feet)	Elevation (Feet)	Casing Data	Sample No.	Sample Data	Recovery (Inches)	PID (ppm)	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1	-1				30	0		6" Asphalt and gravel		Well Type:
							SW	18" Well Graded Sand With Gravel, mostly F-C SAND,		1" PVC
2	-2							little f gravel, brown		Well Location: S end
							SM	6" Silty Sand, mostly M SAND, some silt, few f gravel, trace clay,		
3	-3							brown, moist		
4	-4									
					36	0		6" Slough, M Sand, brown, asphalt		
5	-5						SP	8" Poorly Graded Sand, mostly M SAND, brown, moist		
							SP	6" Poorly Graded Sand, mostly F SAND, grey		
6	-6							2" Asphalt		
							SP	7" Poorly Graded Sand, mostly M-C SAND, brown		
7	-7						CL	3" Gravelly Lean Clay, mostly CLAY, some f-c gravel, few sand,		
								few silt, brown		
8	-8						SP	4" Poorly Graded Sand, mostly M-C SAND, few f gravel, brown		
					36		SP	4" Poorly Graded Sand, mostly M-C SAND, few f gravel, brown		
9	-9						SP	4" Poorly Graded Sand, mostly F-M SAND, little clay (grey),		
								few silt		
10	-10						SP	8" Poorly Graded Sand, mostly M-C SAND, few f gravel		
							ML	20" Silt, mostly SILT, little clay, grey, with lt brown in last 2"		
11	-11									
12	-12									
13	-13									
14	-14									
15	-15							End of Boring at 15.2 ft bgs. Refusal not encountered.		
16	-16									
17	-17									
18	-18									
19	-19									
20	-20									

STANDARD NOTES: 1. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.
2. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
3. Test Boring Log Page 1: 0 - 20 feet Each subsequent page: Additional 25 feet.

ADDITIONAL NOTES: Well cap approx. 0.2 ft below grade
Screened Interval: 5.2 to 15.2 ft below grade
Riser: 0.2 to 5.2 ft below grade
Sand Pack: from 3 to 15.2 ft below grade
Bentonite: filled from 1 to 3 ft below grade

DRILLING INFORMATION
Method: Direct Push

	Casing	Sample	Core
Type:	PVC		
Diam.:	1.0"		
Weight:			
Fall:			

TEST BORING AND WELL LOG

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY
12601

PROJECT: Boices Ln. Groundwater Investigation
LOCATION: Office Depot Plaza, Kingston, NY
CLIENT: Miron
PROJECT NO.: 40001.05

Test Boring No.: 10
Total Depth: 15.2 ft.

Contractor: Todd Syska
Drill Rig: Geoprobe 5410 DT
Driller: Todd Syska
Inspector: D. Hayes

Start Date: 3/23/2005
Finish Date: 3/23/2005
El. Datum:
G.S. Elevation: 0.00
Northing:
Easting:
Longitude:
Latitude:

Borehole Dia.: 2 in.
Depth to Water: 7.5 ft.
Depth to Rock: NA ft.
Depth of Well: 15.2 ft.

Depth (Feet)	Elevation (Feet)	Casing Data	Sample No.	Sample Data	Recovery (Inches)	PID (ppm)	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1	-1				28	0	SP	5" Asphalt, c sand, gravel 10" Poorly Graded Sand with Gravel, mostly M-C SAND, little m-c gravel, brown		Well Type: 1" PVC Well Location: SW corner
2	-2						SC	12" Clayey Sand with Gravel, mostly M-C SAND, little f gravel, little clay, brown, moist		
3	-3									
4	-4									
5	-5				29		SC	12" Clayey Sand with Gravel, mostly M-C SAND, little f gravel, little clay, brown, moist		
6	-6						NA	4" Concrete, possibly from blocks used as fill		
7	-7						SP	13" Poorly Graded Sand with Gravel, mostly F-M SAND, little f-c gravel (sub-angular), brown, moist		
8	-8									
9	-9				42		SP	4" Poorly Graded Sand, mostly F-M SAND, brown, possible slough		
							NA	3" Broken Concrete, possibly slough		
							SM	11" Silty Sand, mostly F-M SAND, brown, little silt, grey, moist		
10	-10						OL	6" Organic Soil, mostly SILT, rich, few roots, black,		
							ML	12" Silt, mostly SILT, some clay, grey, saturated		
11	-11						SM	6" Silty Sand, mostly F SAND, some silt, little clay, grey, saturated		
12	-12									
13	-13									
14	-14									
15	-15							End of Boring at 15.2 ft. Refusal not encountered.		
16	-16									
17	-17									
18	-18									
19	-19									
20	-20									

STANDARD NOTES: 1. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.
2. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
3. Test Boring Log Page 1: 0 - 20 feet Each subsequent page: Additional 25 feet.

ADDITIONAL NOTES: Well cap approx. 0.2 ft below grade
Screened Interval: 5.2 to 15.2 ft below grade
Riser: 0.2 to 5.2 ft below grade
Sand Pack: from 3 to 15.2 ft below grade
Bentonite: filled from 1 to 3 ft below grade

DRILLING INFORMATION
Method: Direct Push

	Casing	Sample	Core
Type:	PVC		
Diam.:	1.0"		
Weight:			
Fall:			

TEST BORING AND WELL LOG

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY
12601

PROJECT: Boices Ln. Groundwater Investigation
LOCATION: Office Depot Plaza, Kingston, NY
CLIENT: Miron
PROJECT NO.: 40001.05

Test Boring No.: 11
Total Depth: 15.2 ft.

Contractor: Todd Syska
Drill Rig: Geoprobe 5410 DT
Driller: Todd Syska
Inspector: D. Hayes

Start Date: 3/24/2005
Finish Date: 3/24/2005
El. Datum:
G.S. Elevation: 0.00
Northing:
Easting:
Longitude:
Latitude:

Borehole Dia.: 2 in.
Depth to Water: 6 ft.
Depth to Rock: NA ft.
Depth of Well: 15.2 ft.

Depth (Feet)	Elevation (Feet)	Casing Data	Sample No.	Sample Data	Recovery (Inches)	PID (ppm)	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1	-1				30	0	GM	4" Asphalt and Gravel 5" Silty Gravel with Sand, mostly F-C GRAVEL, sub-angular to sub-rounded, little f-m sand, little silt and clay		Well Type: 1" PVC Well Location: SW edge
2	-2						SP	3" Poorly Graded Sand, mostly F-M SAND, few bits of concrete, greyish-brown		
3	-3						SP	18" Poorly Graded Sand, mostly F-M SAND, lt. brown, few 1/4" wide bands of black w/slight odor (petroleum?)		
4	-4									
					24			2" Slough, a mix of the above		
5	-5						SP	22" Poorly Graded Sand, mostly F-M SAND, lt. brown, bottom 2" saturated		
6	-6									
7	-7									
8	-8									
					40		SW	36" Well Graded Sand, mostly F-C SAND, greyish brown, saturated		
9	-9									
10	-10									
11	-11						ML	4" Silt, mostly SILT, lt. brown, trace of clay saturated, dilatancy = good		
12	-12									
13	-13									
14	-14									
15	-15							End of Boring at 15.2 ft. Refusal not encountered.		
16	-16									
17	-17									
18	-18									
19	-19									
20	-20									

STANDARD NOTES: 1. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.
2. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
3. Test Boring Log Page 1: 0 - 20 feet Each subsequent page: Additional 25 feet.

ADDITIONAL NOTES: Well cap approx. 0.2 ft below grade
Screened Interval: 5.2 to 15.2 ft below grade
Riser: 0.2 to 5.2 ft below grade
Sand Pack: from 3 to 15.2 ft below grade
Bentonite: filled from 1 to 3 ft below grade

DRILLING INFORMATION
Method: Direct Push

	Casing	Sample	Core
Type:	PVC		
Diam.:	1.0"		
Weight:			
Fall:			

TEST BORING AND WELL LOG

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY
12601

PROJECT: Boices Ln. Groundwater Investigation
LOCATION: Office Depot Plaza, Kingston, NY
CLIENT: Miron
PROJECT NO.: 40001.05

Test Boring No.: 12
Total Depth: 15.2 ft.

Contractor: Todd Syska
Drill Rig: Geoprobe 5410 DT
Driller: Todd Syska
Inspector: D. Hayes

Start Date: 3/24/2005
Finish Date: 3/24/2005
El. Datum:
G.S. Elevation: 0.00
Northing:
Easting:
Longitude:
Latitude:

Borehole Dia.: 2 in.
Depth to Water: 8 ft.
Depth to Rock: NA ft.
Depth of Well: 15.2 ft.

Depth (Feet)	Elevation (Feet)	Casing Data	Sample No.	Sample Data	Recovery (Inches)	PID (ppm)	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
					30	0		6" Asphalt and concrete grading into the below		Well Type:
1	-1						SP	5" Poorly Graded Sand, mostly M SAND, brown		1" PVC
							SP	19" Poorly Graded Sand, mostly F-M SAND, lt. brown, moist		Well Location: W edge
2	-2									
3	-3									
4	-4									
					36			6" Slough, combination of the above		
5	-5						SP	30" Poorly Graded Sand, mostly M-SAND, brown, very moist		
6	-6									
7	-7									
8	-8									
					48		SP	10" Poorly Graded Sand, mostly M SAND, brown,		
9	-9							few f gravel, sub-angular		
							GP	2" Poorly Graded Gravel with Sand, mostly F GRAVEL (limestone,		
10	-10							and shale), some m sand		
							SP	34" Poorly Graded Sand, mostly M-C SAND, brown, saturated		
11	-11						SM	2" Silty Sand, mostly M-C SAND and SILT, few clay, lt. brown		
								saturated		
12	-12									
13	-13									
14	-14									
15	-15							End of Boring at 15.2 ft. Refusal not encountered.		
16	-16									
17	-17									
18	-18									
19	-19									
20	-20									

STANDARD NOTES: 1. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.
2. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
3. Test Boring Log Page 1: 0 - 20 feet Each subsequent page: Additional 25 feet.

ADDITIONAL NOTES: Well cap approx. 0.2 ft below grade
Screened Interval: 5.2 to 15.2 ft below grade
Riser: 0.2 to 5.2 ft below grade
Sand Pack: from 3 to 15.2 ft below grade
Bentonite: filled from 1 to 3 ft below grade

DRILLING INFORMATION
Method: Direct Push

	Casing	Sample	Core
Type:	PVC		
Diam.:	1.0"		
Weight:			
Fall:			

TEST BORING AND WELL LOG

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY
12601

PROJECT: Boices Ln. Groundwater Investigation
LOCATION: Office Depot Plaza, Kingston, NY
CLIENT: Miron
PROJECT NO.: 40001.05

Test Boring No.: 13
Total Depth: 15.2 ft.

Contractor: Todd Syska
Drill Rig: Geoprobe 5410 DT
Driller: Todd Syska
Inspector: D. Hayes

Start Date: 3/24/2005
Finish Date: 3/24/2005
El. Datum:
G.S. Elevation: 0.00
Northing:
Easting:
Longitude:
Latitude:

Borehole Dia.: 2 in.
Depth to Water: 7 ft.
Depth to Rock: NA ft.
Depth of Well: 15.2 ft.

Depth (Feet)	Elevation (Feet)	Casing Data	Sample No.	Sample Data	Recovery (Inches)	PID (ppm)	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1	-1				38	0	SP	6" Asphalt, gravel and concrete 32" Poorly Graded Sand, mostly F-M SAND, lt. brown		Well Type: 1" PVC Well Location: N of bldg
2	-2									
3	-3									
4	-4									
5	-5				38		SP	3" Slough, combination of f-m sand and asphalt from above 35" Poorly Graded Sand, mostly F-M SAND, lt brown, moist at 7 ft.		
6	-6									
7	-7									
8	-8									
9	-9				36		SP	30" Poorly Graded Sand, mostly M-C SAND, brown and grey All Saturated		
10	-10						CL	3" Lean Clay, mostly CLAY, some silt, lt. brown		
11	-11						ML	3" Silt, mostly SILT, little clay, lt. brown with some grey at tip		
12	-12									
13	-13									
14	-14									
15	-15							End of Boring at 15.2 ft. Refusal not encountered.		
16	-16									
17	-17									
18	-18									
19	-19									
20	-20									

STANDARD NOTES: 1. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.
2. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
3. Test Boring Log Page 1: 0 - 20 feet Each subsequent page: Additional 25 feet.

ADDITIONAL NOTES: Well cap approx. 0.2 ft below grade
Screened Interval: 5.2 to 15.2 ft below grade
Riser: 0.2 to 5.2 ft below grade
Sand Pack: from 3 to 15.2 ft below grade
Bentonite: filled from 1 to 3 ft below grade

DRILLING INFORMATION
Method: Direct Push

	Casing	Sample	Core
Type:	PVC		
Diam.:	1.0"		
Weight:			
Fall:			

TEST BORING AND WELL LOG

THE Chazen COMPANIES
21 Fox Street
Poughkeepsie, NY
12601

PROJECT: Boices Ln. Groundwater Investigation
LOCATION: Office Depot Plaza, Kingston, NY
CLIENT: Miron
PROJECT NO.: 40001.05

Test Boring No.: 14
Total Depth: 15.2 ft.

Contractor: Todd Syska
Drill Rig: Geoprobe 5410 DT
Driller: Todd Syska
Inspector: D. Hayes

Start Date: 3/24/2005
Finish Date: 3/24/2005
El. Datum:
G.S. Elevation: 0.00
Northing:
Easting:
Longitude:
Latitude:

Borehole Dia.: 2 in.
Depth to Water: 7.5 ft.
Depth to Rock: NA ft.
Depth of Well: 15.2 ft.

Depth (Feet)	Elevation (Feet)	Casing Data	Sample No.	Sample Data	Recovery (Inches)	PID (ppm)	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1	-1				30	0	GW	5" Well Graded Gravel with Sand, mostly F-C GRAVEL, sub-rounded little sand, silt, clay making up unpaved driveway material		Well Type: 1" PVC
							SP	4" Poorly Graded Sand, mostly F-M SAND, brown		Well Location: SE of bldg
2	-2						SP	21" Poorly Graded Sand, mostly M SAND, lt. brown, moist		
3	-3									
4	-4									
					42		SP	6" Poorly Graded Sand, mostly F-M SAND, lt. brown		
5	-5						SP	36" Poorly Graded Sand, mostly M-C SAND, greyish brown		
								Saturatation starting at approx. 7.5 ft.		
6	-6									
7	-7							Note: tip lost in void space at approx. 8 ft. possibly caused by concrete rubble according to driller		
8	-8									
					36		SP	4" Poorly Graded Sand, mostly F-M SAND, lt. brown		
9	-9						SP	20" Poorly Graded Sand, mostly M-C SAND, greyish brown		
							SP	8" Poorly Graded Sand, mostly F-M SAND, trace silt, lt. brown		
10	-10						SP	4" Poorly Graded Sand, mostly M-C SAND, greyish brown		
11	-11							All Saturated		
12	-12									
13	-13									
14	-14									
15	-15							End of Boring at 15.2 ft. Refusal not encounterd.		
16	-16									
17	-17									
18	-18									
19	-19									
20	-20									

STANDARD NOTES: 1. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.
2. Samples classified in accordance with ASTM D-2488 unless otherwise noted.
3. Test Boring Log Page 1: 0 - 20 feet Each subsequent page: Additional 25 feet.

ADDITIONAL NOTES: Well cap approx. 0.2 ft below grade
Screened Interval: 5.2 to 15.2 ft below grade
Riser: 0.2 to 5.2 ft below grade
Sand Pack: from 3 to 15.2 ft below grade
Bentonite: filled from 1 to 3 ft below grade

DRILLING INFORMATION
Method: Direct Push

	Casing	Sample	Core
Type:	PVC		
Diam.:	1.0"		
Weight:			
Fall:			

Attachment B:
Summary Tables & Data Package

Table 1. Comparison of VOCs In Groundwater to Previous Sampling Events and NYSDEC Standards
Boices Lane Office Depot Plaza, Town of Ulster, Ulster County, New York

Parameter	NYSDEC TOGS 1.1.1 Class GA Groundwater Standards (ppb)	MW-1 10/25/99	MW-1 4/22/05	MW-2 10/25/99	MW-2 4/22/05	MW-3 10/25/99	MW-3 4/22/05
1,1,1,2-Tetrachloroethane	5	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	5	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	5	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.6	nd	nd	nd	nd	nd	nd
1,1-Dichloroethylene	5	nd	nd	nd	nd	nd	nd
1,1-Dichloropropylene	5	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	5	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	0.04	nd	nd	nd	nd	nd	nd
1,2,3-Trimethylbenzene	5	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	5	nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	5	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-chloropropane	0.04	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane	5	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	3	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane	0.6	nd	nd	nd	nd	nd	nd
1,2-Dichloroethylene (Total)	5	nd	nd	**6**	nd	2	nd
1,2-Dichloropropane	1	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	5	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	3	nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	5	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	3	nd	nd	nd	nd	nd	nd
1-Chlorohexane	5	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	5	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	5	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	5	nd	nd	nd	nd	nd	nd
Benzene	1	nd	nd	nd	nd	nd	nd
Bromobenzene	5	nd	nd	nd	nd	nd	nd
Bromochloromethane	5	nd	nd	nd	nd	nd	nd
Bromodichloromethane	50	nd	nd	nd	nd	nd	nd
Bromoform	50	nd	nd	nd	nd	nd	nd
Bromomethane	5	nd	nd	nd	nd	nd	nd
Carbon Tetrachloride	5	nd	nd	nd	nd	nd	nd
Chlorobenzene	5	nd	nd	nd	nd	nd	nd
Chloroethane	5	nd	nd	nd	nd	nd	nd
Chloroform	7	nd	nd	nd	nd	nd	nd
Chloromethane	5	nd	nd	nd	nd	nd	nd

Table 1. Comparison of VOCs In Groundwater to Previous Sampling Events and NYSDEC Standards
Boices Lane Office Depot Plaza, Town of Ulster, Ulster County, New York

Parameter	NYSDEC TOGS 1.1.1 Class GA Groundwater Standards (ppb)	MW-1 10/25/99	MW-1 4/22/05	MW-2 10/25/99	MW-2 4/22/05	MW-3 10/25/99	MW-3 4/22/05
cis-1,3-Dichloropropylene	5	nd	nd	nd	nd	nd	nd
Dibromochloromethane	50	nd	nd	nd	nd	nd	nd
Dibromomethane	5	nd	nd	nd	nd	nd	nd
Dichlorodifluoromethane	5	nd	nd	nd	nd	nd	nd
Ethylbenzene	5	nd	nd	nd	nd	nd	nd
Hexachlorobutadiene	0.5	nd	nd	nd	nd	nd	nd
Isopropylbenzene	5	nd	nd	nd	nd	nd	nd
Methyl tert-butyl ether (MTBE)*	10	nd	nd	nd	nd	nd	nd
Methylene chloride	5	nd	nd	nd	nd	nd	nd
Naphthalene	10	nd	nd	nd	nd	nd	nd
n-Butylbenzene	5	nd	nd	nd	nd	nd	nd
n-Propylbenzene	5	nd	nd	nd	nd	nd	nd
o-Xylene	5	nd	nd	nd	nd	nd	nd
p-&m-Xylenes	5	nd	nd	nd	nd	nd	nd
p-Isopropyltoluene	5	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	5	nd	nd	nd	nd	nd	nd
Styrene	5	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	5	nd	nd	nd	nd	nd	nd
Tetrachloroethylene	5	nd	nd	**140**	**210**	**47**	**29**
Toluene	5	nd	nd	nd	nd	nd	nd
trans-1,3-Dichloropropylene	5	nd	nd	nd	nd	nd	nd
Trichloroethylene	5	nd	nd	**31**	**26**	nd	nd
Trichlorofluoromethane	5	nd	nd	nd	nd	nd	nd
Vinyl chloride	2	nd	nd	nd	nd	nd	nd

nd = not detected above method detection limit
Results in bold exceed TOGS 1.1.1 standard
Compounds in bold are breakdown products of tetrachloroethylene
* = TOGS 1.1.1. Value for MTBE is from TOGS 1.1.1 as modified in April 2000.

Table 1. Comparison of VOCs In Groundwater to Previous Sampling Events and NYSDEC Standards
Boices Lane Office Depot Plaza, Town of Ulster, Ulster County, New York

Parameter	NYSDEC TOGS 1.1.1 Class GA Groundwater Standards (ppb)	MW-4 10/25/99	MW-4 4/22/05	MW-5 10/25/99	MW-5 4/22/05	MW-6 10/25/99	MW-6 4/22/05	MW-7 4/22/05
1,1,1,2-Tetrachloroethane	5	nd	Well could not be located	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	5	nd		nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	5	nd		nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1	nd		nd	nd	nd	nd	nd
1,1-Dichloroethane	0.6	nd		nd	nd	nd	nd	nd
1,1-Dichloroethylene	5	nd		nd	nd	nd	nd	nd
1,1-Dichloropropylene	5	nd		nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	5	nd		nd	nd	nd	nd	nd
1,2,3-Trichloropropane	0.04	nd		nd	nd	nd	nd	nd
1,2,3-Trimethylbenzene	5	nd		nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	5	nd		nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	5	nd		nd	nd	nd	nd	nd
1,2-Dibromo-3-chloropropane	0.04	nd		nd	nd	nd	nd	nd
1,2-Dibromoethane	5	nd		nd	nd	nd	nd	nd
1,2-Dichlorobenzene	3	nd		nd	nd	nd	nd	nd
1,2-Dichloroethane	0.6	nd		nd	nd	nd	nd	nd
1,2-Dichloroethylene (Total)	5	nd		nd	nd	3	2(cis-)	nd
1,2-Dichloropropane	1	nd		nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	5	nd		nd	nd	nd	nd	nd
1,3-Dichlorobenzene	3	nd		nd	nd	nd	nd	nd
1,3-Dichloropropane	5	nd		nd	nd	nd	nd	nd
1,4-Dichlorobenzene	3	nd		nd	nd	nd	nd	nd
1-Chlorohexane	5	nd		nd	nd	nd	nd	nd
2,2-Dichloropropane	5	nd		nd	nd	nd	nd	nd
2-Chlorotoluene	5	nd		nd	nd	nd	nd	nd
4-Chlorotoluene	5	nd		nd	nd	nd	nd	nd
Benzene	1	nd		nd	nd	nd	nd	nd
Bromobenzene	5	nd		nd	nd	nd	nd	nd
Bromochloromethane	5	nd		nd	nd	nd	nd	nd
Bromodichloromethane	50	nd		nd	nd	nd	nd	nd
Bromoform	50	nd		nd	nd	nd	nd	nd
Bromomethane	5	nd		nd	nd	nd	nd	nd
Carbon Tetrachloride	5	nd		nd	nd	nd	nd	nd
Chlorobenzene	5	nd		nd	nd	nd	nd	nd
Chloroethane	5	nd		nd	nd	nd	nd	nd
Chloroform	7	nd		nd	nd	nd	nd	nd
Chloromethane	5	nd		nd	nd	nd	nd	nd

Table 1. Comparison of VOCs In Groundwater to Previous Sampling Events and NYSDEC Standards
Boices Lane Office Depot Plaza, Town of Ulster, Ulster County, New York

Parameter	NYSDEC TOGS 1.1.1 Class GA Groundwater Standards (ppb)	MW-4 10/25/99	MW-4 4/22/05	MW-5 10/25/99	MW-5 4/22/05	MW-6 10/25/99	MW-6 4/22/05	MW-7 4/22/05
cis-1,3-Dichloropropylene	5	nd	Well could not be located	nd	nd	nd	nd	nd
Dibromochloromethane	50	nd		nd	nd	nd	nd	nd
Dibromomethane	5	nd		nd	nd	nd	nd	nd
Dichlorodifluoromethane	5	nd		nd	nd	nd	nd	nd
Ethylbenzene	5	nd		nd	nd	nd	nd	nd
Hexachlorobutadiene	0.5	nd		nd	nd	nd	nd	nd
Isopropylbenzene	5	nd		nd	nd	nd	nd	nd
Methyl tert-butyl ether (MTBE)*	10	nd		nd	nd	nd	nd	nd
Methylene chloride	5	nd		nd	nd	nd	nd	nd
Naphthalene	10	nd		nd	nd	nd	nd	nd
n-Butylbenzene	5	nd		nd	nd	nd	nd	nd
n-Propylbenzene	5	nd		nd	nd	nd	nd	nd
o-Xylene	5	nd		nd	nd	nd	nd	nd
p-&m-Xylenes	5	nd		nd	nd	nd	nd	nd
p-Isopropyltoluene	5	nd		nd	nd	nd	nd	nd
sec-Butylbenzene	5	nd		nd	nd	nd	nd	nd
Styrene	5	nd		nd	nd	nd	nd	nd
tert-Butylbenzene	5	nd		nd	nd	nd	nd	nd
Tetrachloroethylene	5	**160**		**6**	2	**50**	**41**	**610**
Toluene	5	nd		nd	nd	nd	nd	nd
trans-1,3-Dichloropropylene	5	nd		nd	nd	nd	nd	nd
Trichloroethylene	5	nd		nd	nd	nd	1	nd
Trichlorofluoromethane	5	1		nd	nd	nd	nd	nd
Vinyl chloride	2	nd		nd	nd	nd	nd	nd

nd = not detected above method detection limit
Results in bold exceed TOGS 1.1.1 standard
Compounds in bold are breakdown products of tetrachloroethylene
* = TOGS 1.1.1. Value for MTBE is from TOGS 1.1.1 as modified
In April 2000.

Table 1. Comparison of VOCs In Groundwater to Previous Sampling Events and NYSDEC Standards
Boices Lane Office Depot Plaza, Town of Ulster, Ulster County, New York

Parameter	NYSDEC TOGS 1.1.1 Class GA Groundwater Standards (ppb)	MW-8 4/22/05	MW-9 4/22/05	MW-10 4/22/05	MW-11 4/22/05	MW-12 4/22/05	MW-13 4/22/05	MW-14 4/22/05
1,1,1,2-Tetrachloroethane	5	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	5	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	5	nd	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.6	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethylene	5	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloropropylene	5	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	5	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	0.04	nd	nd	nd	nd	nd	nd	nd
1,2,3-Trimethylbenzene	5	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	5	nd	nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	5	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-chloropropane	0.04	nd	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane	5	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	3	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane	0.6	nd	nd	nd	nd	nd	nd	nd
1,2-Dichloroethylene (Total)	5	3(cis-)	2(cis-)	nd	nd	nd	nd	nd
1,2-Dichloropropane	1	nd	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	5	nd	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	3	nd	nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	5	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	3	nd	nd	nd	nd	nd	nd	nd
1-Chlorohexane	5	nd	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	5	nd	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	5	nd	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	5	nd	nd	nd	nd	nd	nd	nd
Benzene	1	nd	nd	nd	nd	nd	nd	nd
Bromobenzene	5	nd	nd	nd	nd	nd	nd	nd
Bromochloromethane	5	nd	nd	nd	nd	nd	nd	nd
Bromodichloromethane	50	nd	nd	nd	nd	nd	nd	nd
Bromoform	50	nd	nd	nd	nd	nd	nd	nd
Bromomethane	5	nd	nd	nd	nd	nd	nd	nd
Carbon Tetrachloride	5	nd	nd	nd	nd	nd	nd	nd
Chlorobenzene	5	nd	nd	nd	nd	nd	nd	nd
Chloroethane	5	nd	nd	nd	nd	nd	nd	nd
Chloroform	7	nd	nd	nd	nd	nd	nd	nd
Chloromethane	5	nd	nd	nd	nd	nd	nd	nd

Table 1. Comparison of VOCs in Groundwater to Previous Sampling Events and NYSDEC Standards
Boices Lane Office Depot Plaza, Town of Ulster, Ulster County, New York

	Parameter	NYSDEC TOGS 1.1.1 Class GA Groundwater Standards (ppb)	MW-8 4/22/05	MW-9 4/22/05	MW-10 4/22/05	MW-11 4/22/05	MW-12 4/22/05	MW-13 4/22/05	MW-14 4/22/05
EPA 8260 VOCs	cis-1,3-Dichloropropylene	5	nd	nd	nd	nd	nd	nd	nd
	Dibromochloromethane	50	nd	nd	nd	nd	nd	nd	nd
	Dibromomethane	5	nd	nd	nd	nd	nd	nd	nd
	Dichlorodifluoromethane	5	nd	nd	nd	nd	nd	nd	nd
	Ethylbenzene	5	nd	nd	nd	nd	nd	nd	nd
	Hexachlorobutadiene	0.5	nd	nd	nd	nd	nd	nd	nd
	Isopropylbenzene	5	nd	nd	nd	nd	nd	nd	nd
	Methyl tert-butyl ether (MTBE)*	10	nd	nd	nd	nd	nd	nd	nd
	Methylene chloride	5	nd	nd	nd	nd	nd	nd	nd
	Naphthalene	10	nd	nd	nd	nd	nd	nd	nd
	n-Butylbenzene	5	nd	nd	nd	nd	nd	nd	nd
	n-Propylbenzene	5	nd	nd	nd	nd	nd	nd	nd
	o-Xylene	5	nd	nd	nd	nd	nd	nd	nd
	p-&m-Xylenes	5	nd	nd	nd	nd	nd	nd	nd
	p-Isopropyltoluene	5	nd	nd	nd	nd	nd	nd	nd
	sec-Butylbenzene	5	nd	nd	nd	nd	nd	nd	nd
	Styrene	5	nd	nd	nd	nd	nd	nd	nd
	tert-Butylbenzene	5	nd	nd	nd	nd	nd	nd	nd
	Tetrachloroethylene	5	**31**	**69**	nd	**42**	nd	nd	**1600**
	Toluene	5	nd	nd	nd	nd	nd	nd	nd
	trans-1,3-Dichloropropylene	5	nd	nd	nd	nd	nd	nd	nd
	Trichloroethylene	5	**7**	3	nd	3	nd	nd	nd
	Trichlorofluoromethane	5	nd	nd	nd	nd	nd	nd	nd
	Vinyl chloride	2	1	nd	nd	nd	nd	nd	nd

nd = not detected above method detection limit
Results in **bold** exceed TOGS 1.1.1 standard
Compounds in **bold** are breakdown products of tetrachloroethylene
* = TOGS 1.1.1. Value for MTBE is from TOGS 1.1.1 as modified in April 2000.

Table 2. Groundwater Elevations
Boices Lane Office Depot Plaze, Town of Ulster, Ulster County, New York

Well ID	Finish and Diameter (inches)		PVC Casing Elevation (feet)	4/22/2005	
				measured water level (feet)	water elevation (feet)
MW-1	Flush	2	50.31	7.20	43.11
MW-2	Flush	2	49.10	6.35	42.75
MW-3	Flush	2	49.97	8.32	41.65
MW-4	Flush	2	50.17	NA	NA
MW-5	Flush	2	50.86	8.00	42.86
MW-6	Flush	2	49.56	7.42	42.14
MW-7	Flush	1	49.55	6.60	42.95
MW-8	Flush	1	49.40	8.00	41.40
MW-9	Flush	1	49.46	8.85	40.61
MW-10	Flush	1	49.06	8.82	40.24
MW-11	Flush	1	49.39	6.60	42.79
MW-12	Flush	1	49.19	6.17	43.02
MW-13	Flush	1	49.84	6.57	43.27
MW-14	Flush	1	50.31	7.37	42.94

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Chazen Environmental Services
21 Fox Street
Poughkeepsie, NY 12601
Attention: Catherine Monian

Report Date: 5/2/2005
Re: Client Project ID: 40001.05
York Project No.: 05040732

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 5/2/2005
Client Project ID: 40001.05
York Project No.: 05040732

Chazen Environmental Services
21 Fox Street
Poughkeepsie, NY 12601
Attention: Catherine Monian

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 04/26/05. The project was identifed as your project "40001.05 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			MBL-MW-1		MBL-MW-2	
York Sample ID			05040732-01		05040732-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1

YORK

Client Sample ID			MBL-MW-1		MBL-MW-2	
York Sample ID			05040732-01		05040732-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	1	6(cis-)	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
MTBE			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	210	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	26	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

YORK

Client Sample ID			MBL-MW-3		MBL-MW-5	
York Sample ID			05040732-03		05040732-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
MTBE			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1

YORK

Client Sample ID			MBL-MW-3		MBL-MW-5	
York Sample ID			05040732-03		05040732-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			29	1	2	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

Client Sample ID			MBL-MW-6		MBL-MW-7	
York Sample ID			05040732-05		05040732-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	10
1,1,1-Trichloroethane			Not detected	1	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	10
1,1,2-Trichloroethane			Not detected	1	Not detected	10
1,1-Dichloroethane			Not detected	1	Not detected	10
1,1-Dichloroethylene			Not detected	1	Not detected	10
1,1-Dichloropropylene			Not detected	1	Not detected	10
1,2,3-Trichlorobenzene			Not detected	1	Not detected	10
1,2,3-Trichloropropane			Not detected	1	Not detected	10
1,2,3-Trimethylbenzene			Not detected	1	Not detected	10
1,2,4-Trichlorobenzene			Not detected	1	Not detected	10
1,2,4-Trimethylbenzene			Not detected	1	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	10
1,2-Dibromoethane			Not detected	1	Not detected	10
1,2-Dichlorobenzene			Not detected	1	Not detected	10
1,2-Dichloroethane			Not detected	1	Not detected	10
1,2-Dichloroethylene (Total)			2(cis-)	1	Not detected	10
1,2-Dichloropropane			Not detected	1	Not detected	10
1,3,5-Trimethylbenzene			Not detected	1	Not detected	10
1,3-Dichlorobenzene			Not detected	1	Not detected	10
1,3-Dichloropropane			Not detected	1	Not detected	10
1,4-Dichlorobenzene			Not detected	1	Not detected	10
1-Chlorohexane			Not detected	1	Not detected	10
2,2-Dichloropropane			Not detected	1	Not detected	10
2-Chlorotoluene			Not detected	1	Not detected	10
4-Chlorotoluene			Not detected	1	Not detected	10
Benzene			Not detected	1	Not detected	10
Bromobenzene			Not detected	1	Not detected	10
Bromochloromethane			Not detected	1	Not detected	10
Bromodichloromethane			Not detected	1	Not detected	10
Bromoform			Not detected	1	Not detected	10

YORK

Client Sample ID			MBL-MW-6		MBL-MW-7	
York Sample ID			05040732-05		05040732-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromomethane			Not detected	1	Not detected	10
Carbon tetrachloride			Not detected	1	Not detected	10
Chlorobenzene			Not detected	1	Not detected	10
Chloroethane			Not detected	1	Not detected	10
Chloroform			Not detected	1	Not detected	10
Chloromethane			Not detected	1	Not detected	10
cis-1,3-Dichloropropylene			Not detected	1	Not detected	10
Dibromochloromethane			Not detected	1	Not detected	10
Dibromomethane			Not detected	1	Not detected	10
Dichlorodifluoromethane			Not detected	1	Not detected	10
Ethylbenzene			Not detected	1	Not detected	10
Hexachlorobutadiene			Not detected	1	Not detected	10
Isopropylbenzene			Not detected	1	Not detected	10
Methylene chloride			Not detected	1	Not detected	10
MTBE			Not detected	1	Not detected	10
Naphthalene			Not detected	1	Not detected	10
n-Butylbenzene			Not detected	1	Not detected	10
n-Propylbenzene			Not detected	1	Not detected	10
o-Xylene			Not detected	1	Not detected	10
p- & m-Xylenes			Not detected	1	Not detected	10
p-Isopropyltoluene			Not detected	1	Not detected	10
sec-Butylbenzene			Not detected	1	Not detected	10
Styrene			Not detected	1	Not detected	10
tert-Butylbenzene			Not detected	1	Not detected	10
Tetrachloroethylene			41	1	610	10
Toluene			Not detected	1	Not detected	10
trans-1,3-Dichloropropylene			Not detected	1	Not detected	10
Trichloroethylene			1	1	Not detected	10
Trichlorofluoromethane			Not detected	1	Not detected	10
Vinyl chloride			Not detected	1	Not detected	10

Client Sample ID			MBL-MW-8		MBL-MW-9	
York Sample ID			05040732-07		05040732-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1

YORK

Client Sample ID			MBL-MW-8		MBL-MW-9	
York Sample ID			05040732-07		05040732-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			3(cis-)	1	2(cis-)	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
MTBE			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			31	1	69	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			7	1	3	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			1	1	Not detected	1

YORK

Client Sample ID			MBL-MW-10		MBL-MW-11	
York Sample ID			05040732-09		05040732-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
MTBE			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1

YORK

Client Sample ID			MBL-MW-10		MBL-MW-11	
York Sample ID			05040732-09		05040732-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	42	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	3	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

Client Sample ID			MBL-MW-12		MBL-MW-13	
York Sample ID			05040732-11		05040732-12	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1

YORK

Client Sample ID			MBL-MW-12		MBL-MW-13	
York Sample ID			05040732-11		05040732-12	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
MTBE			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

Client Sample ID			MBL-MW-14	
York Sample ID			05040732-13	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---
1,1,1,2-Tetrachloroethane			Not detected	50
1,1,1-Trichloroethane			Not detected	50
1,1,2,2-Tetrachloroethane			Not detected	50
1,1,2-Trichloroethane			Not detected	50
1,1-Dichloroethane			Not detected	50
1,1-Dichloroethylene			Not detected	50
1,1-Dichloropropylene			Not detected	50
1,2,3-Trichlorobenzene			Not detected	50
1,2,3-Trichloropropane			Not detected	50
1,2,3-Trimethylbenzene			Not detected	50
1,2,4-Trichlorobenzene			Not detected	50
1,2,4-Trimethylbenzene			Not detected	50
1,2-Dibromo-3-chloropropane			Not detected	50
1,2-Dibromoethane			Not detected	50

YORK

Client Sample ID			MBL-MW-14	
York Sample ID			05040732-13	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
1,2-Dichlorobenzene			Not detected	50
1,2-Dichloroethane			Not detected	50
1,2-Dichloroethylene (Total)			Not detected	50
1,2-Dichloropropane			Not detected	50
1,3,5-Trimethylbenzene			Not detected	50
1,3-Dichlorobenzene			Not detected	50
1,3-Dichloropropane			Not detected	50
1,4-Dichlorobenzene			Not detected	50
1-Chlorohexane			Not detected	50
2,2-Dichloropropane			Not detected	50
2-Chlorotoluene			Not detected	50
4-Chlorotoluene			Not detected	50
Benzene			Not detected	50
Bromobenzene			Not detected	50
Bromochloromethane			Not detected	50
Bromodichloromethane			Not detected	50
Bromoform			Not detected	50
Bromomethane			Not detected	50
Carbon tetrachloride			Not detected	50
Chlorobenzene			Not detected	50
Chloroethane			Not detected	50
Chloroform			Not detected	50
Chloromethane			Not detected	50
cis-1,3-Dichloropropylene			Not detected	50
Dibromochloromethane			Not detected	50
Dibromomethane			Not detected	50
Dichlorodifluoromethane			Not detected	50
Ethylbenzene			Not detected	50
Hexachlorobutadiene			Not detected	50
Isopropylbenzene			Not detected	50
Methylene chloride			Not detected	50
MTBE			Not detected	50
Naphthalene			Not detected	50
n-Butylbenzene			Not detected	50
n-Propylbenzene			Not detected	50
o-Xylene			Not detected	50
p- & m-Xylenes			Not detected	50
p-Isopropyltoluene			Not detected	50
sec-Butylbenzene			Not detected	50
Styrene			Not detected	50
tert-Butylbenzene			Not detected	50
Tetrachloroethylene			1600	50
Toluene			Not detected	50
trans-1,3-Dichloropropylene			Not detected	50
Trichloroethylene			Not detected	50
Trichlorofluoromethane			Not detected	50
Vinyl chloride			Not detected	50

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

YORK

Report Date: 5/2/2005
Client Project ID: 40001.05
York Project No.: 05040732

Notes for York Project No. 05040732

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: _____ **Date:** 5/2/2005
Robert Q. Bradley
Managing Director

YORK

CHAIN OF CUSTODY RECORD

CHAZEN ENVIRONMENTAL SERVICES, INC.

05040732

Dutchess County Office:
21 Fox Street
Poughkeepsie, New York 12601
Phone: (845)454-3980
Fax: (845)454-4026

Newburgh Office:
263 Route 17K
Newburgh, New York 12550
Phone: (845)567-1133
Fax: (845)567-1925

Capital District Office:
20 Gurley Avenue
Troy, New York 12182
Phone: (518)235-8050
Fax: (518)235-8051

North County Office:
110 Glen Street
Glens Falls, New York 12801
Phone: (518)812-0513
Fax: (518)812-2215

Attention: D. Hayes / C. Monigan
Project Name: MBL - 66 Depot Plaza
Location: Boices Ln. / Kingston
Project Number: 40001.05
Project Manager: D McClure / C Monigan

Please Reference PO # 8450

Laboratory: York
Turn Around Time: Normal
Level: Normal

SAMPLE ID	DATE	TIME	Composite	Grab Sample	Matrix *	Total Number of Containers	40ml Vial: Preserved	40ml Vial: Un-Preserved	Liter Un-Preserved: Glass - Clear	Liter Un-Preserved: Glass - Amber	Liter Un-Preserved: Plastic	Liter Preserved: Sulfuric	Liter Preserved: Nitric	Liter Preserved: Sodium Hydroxide	Liter Preserved: Other	Liter Preserved: Organic Washed	500 ml: Field Filed Dissolved Oxygen	250 ml: Glass	250 ml: Plastic	125 ml: Sterile Plastic	Glass: Soil Sample	Other	ANALYSIS REQUESTED
MBL - MW - 1	4/22/05	11:00		✓	GW	2	✓	✓															8260
MBL - MW - 2		12:55		✓	GW	2	✓																
MBL - MW - 3		16:00		✓	GW	2	✓																
MBL - MW - 5		15:10		✓	GW	2	✓																
MBL - MW - 6		16:15		✓	GW	2	✓																
MBL - MW - 7		14:25		✓	GW	2	✓																
MBL - MW - 8		14:05		✓	GW	2	✓																
MBL - MW - 9		13:40		✓	GW	2	✓																
MBL - MW - 10		13:20		✓	GW	2	✓																
MBL - MW - 11	↓	12:40		✓	GW	2	✓																↓

* - Please Identify Matrix:
GW - Groundwater SW - Surface Water DW - Drinking Water SS - Soil Sample SD - Sediment Sample SL - Sludge PS - Process Sample Other (Please Specify)

Relinquished By:
Name: DeNora Hayes (Please Print) Date: 4/25/05 Time: 15:00 Company: Chazen

Received By:
Name: R. August (Please Print) Date: 4/25/05 Time: 1500 Company: York

Received By:
Name: _____ (Please Print) Date: 4/26 Time: 5P Company: 4.4C YAL

PLEASE NOTE: Pink Sheet - Chazen Copy Yellow Sheet - Laboratory File Copy White Top Sheet - Report Copy (Please return along with completed Lab Results)

CHAIN OF CUSTODY RECORD

CHAZEN ENVIRONMENTAL SERVICES, INC.

05040732

Dutchess County Office:
21 Fox Street
Poughkeepsie, New York 12601
Phone: (845)454-3980
Fax: (845)454-4026

Newburgh Office:
356 Meadow Avenue
Newburgh, New York 12550
Phone: (845)567-1133
Fax: (845)567-1925

Capital District Office:
20 Gurley Avenue
Troy, New York 12182
Phone: (518)235-8050
Fax: (518)235-8051

North County Office:
110 Glen Street
Glens Falls, New York 12801
Phone: (518)812-0513
Fax: (518)812-2215

Attention: DHayes/C. Monian
Project Name: MIRON-OFF. Depot Plaza
Location: Boices Ln., Kingston
Project Number: 40001.05
Project Manager: D. Milone, C. Monian

Please Reference PO #8450

Laboratory: York
Turn Around Time: Normal
Level: Normal

SAMPLE ID	DATE	TIME	Composite	Grab Sample	Matrix*	Total Number of Containers	40 ml Vial: Preserved	40 ml Vial: Un-Preserved	Liter Un-Preserved: Glass - Clear	Liter Un-Preserved: Glass - Amber	Liter Un-Preserved: Plastic	Liter Preserved: Sulfuric	Liter Preserved: Nitric	Liter Preserved: Sodium Hydroxide	Liter Preserved: Other	Liter Preserved: Organic Washed	600 ml: Field Filed Dissolved Oxygen	250 ml: Glass	250 ml: Plastic	125 ml: Sterile Plastic	Glass: Soil Sample	Other	ANALYSIS REQUESTED
MBL-MW-12	4/22/05	12:15		✓	GW	2	✓																8260
MBL-MW-13	↓	11:25		✓	GW	2	✓																↓
MBL-MW-14	↓	14:50		✓	GW	2	✓																

* Please Identify Matrix
GW - Groundwater SW - Surface Water DW - Drinking Water SS - Soil Sample SD - Sediment Sample SL - Sludge PS - Process Sample Other (Please Specify)

Relinquished By:
Name: DEVon Hayes (Please Print) Date: 4/25/05 Time: 15:00 Company: Chazen

Received By:
Name: P. August (Please Print) Date: 4/25/05 Time: 1500 Company: York

Received By:
Name: (Please Print) Date: 4/26 Time: 5P Company: 4.4C VAL

PLEASE NOTE: Pink Sheet - Chazen Copy Yellow Sheet - Laboratory File Copy White Top Sheet - Report Copy (Please return along with completed Lab Results)