



December 8, 2008

Michael MacCabe, P.E.
New York State Dept. of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233-7015

Re: **4th Quarter 2008 Groundwater Monitoring Report;**
Apple Valley Shopping Center Superfund Site, LaGrange, New York
Index No. II-CERCLA-10224
NYSEC Site #3-14-084
Conrad Geoscience File #AL030070

Dear Mr. MacCabe:

In November 2008, Conrad Geoscience Corp. continued the groundwater monitoring program at the Apple Valley Shopping Center (Figure 1) in accordance with the NYSDEC-approved Interim Remedial Measure (IRM) work plan dated July 2, 2004.

QUARTERLY GROUNDWATER MONITORING

On November 25, 2008, Conrad Geoscience collected groundwater samples from Recovery Wells RW-1, RW-2, RW-3 and AV-2 (Figure 2). A groundwater remediation system effluent sample was also collected (AVS-EFF). Depth-to-water measurements were recorded from the top of each monitoring well casing, and a groundwater contour map was prepared based on these measurements (Figure 3).

Recovery Well Sampling

Recovery well samples were collected via in-line sample ports prior to treatment by the air stripper. Air stripper effluent samples were collected from the treated discharge pipe.

Samples were labeled, packed on ice, and shipped via overnight delivery for analysis of volatile organic compounds (VOCs) via USEPA Method 524.2.

RESULTS

Recovery Wells

Sample results for the contaminants of concern (COC), tetrachloroethene, trichloroethene, cis-1,2-dichloroethene, and vinyl chloride, are summarized in Table 1. Analytical reports are attached. Total COC concentrations for each well are as follows: RW-1 (3,090 µg/l); RW-2 (4,790 µg/l); RW-3 (1,078.2 µg/l); and AV-2 (28.8 µg/l). The total COC concentration for AVS-EFF was 0 µg/l. Based on the mass loading and measured effluent concentrations of the COC, the air stripper was performing at 100% removal efficiency.

DISCUSSION

The November 2008 groundwater data indicate an increase in total COC in Recovery Wells RW-1, RW-2, RW-3, and AV-2 in comparison to the August 2008 groundwater monitoring results.

The next round of quarterly groundwater monitoring is scheduled for February 2009. If you have any questions, please do not hesitate to call.

Sincerely,

CONRAD GEOSCIENCE CORP.



Stephanie P. LaRose
Geologist

SPL/seg

attachments

cc: D. Engel
J. Klein
M. Millspaugh
F. Navratil
D. MacDougal
J. Harmon





SITE

SITE



**CONRAD
GEOSCIENCE
CORP.**

One Chic Center Plaza, Suite 501, Poughkeepsie, New York 12601



Figure 1

SITE LOCATION MAP

Prepared By: SH 10/07

Reviewed By:

Revised By:


Approved By: BPG 10/07

APPLE VALLEY SHOPPING CENTER
LaGrange, New York
AL030070



LEGEND

- ⊙ RECOVERY WELL LOCATION
 - MONITORING WELL LOCATION
 - BUILDING FOOTPRINTS
 - ▭ PARCEL BOUNDARIES
- Dutchess County Office of Real Property 2007



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One Civic Center Plaza, Suite 507, Poughkeepsie, New York 12601



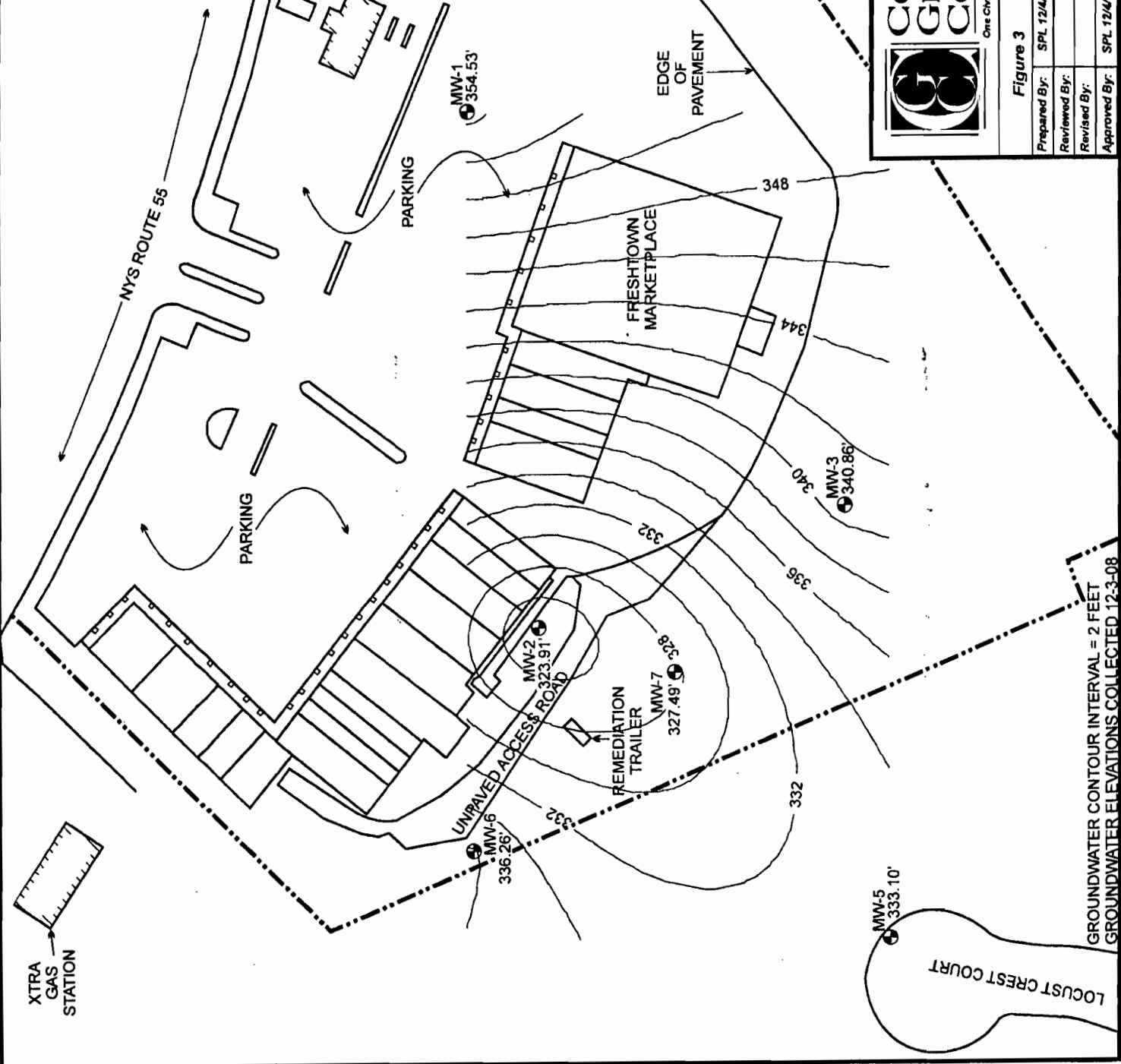
Figure 2	
Prepared By:	SH 10/9/07
Reviewed By:	
Revised By:	
Approved By:	BPG 10/9/07


SELECTED SITE FEATURES MAP

APPLE VALLEY SHOPPING CENTER
LaGrange, New York
AL030070

LEGEND

- MW-1  MONITORING WELL LOCATION
- MW-1  354.53' GROUNDWATER ELEVATION AT MONITORING WELL
- PROPERTY BOUNDARY





**CONRAD
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CORP.**

One Civic Center Plaza, Suite 501, Poughkeepsie, New York 12601

GROUNDWATER CONTOUR MAP

Figure 3

Prepared By:	SPL 12/4/08
Reviewed By:	
Revised By:	
Approved By:	SPL 12/4/08

APPLE VALLEY SHOPPING CENTER
Lagrange, New York
AL030070

GROUNDWATER CONTOUR INTERVAL = 2 FEET
GROUNDWATER ELEVATIONS COLLECTED 12-3-08

Table 1. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected January 2006 through November 2008;
 Apple Valley Shopping Center, Lagrange, New York;
 Conrad Geoscience File #AL030070

Sample Identification	Dates Sampled	Chemical Constituent				
		Tetrachloroethene (5 µg/l ¹)	Trichloroethene (5 µg/l ¹)	cis-1,2-Dichloroethene (5 µg/l ¹)	Vinyl Chloride (2 µg/l ¹)	Total COC
Volatile Organic Compounds						
RW-1	2-9-06	2,850	119	53.6	ND < 10	3,022.6
	3-9-06	412	19.9	13.6	ND < 1.0	445.5
	5-16-06	394	21.0	19.0	ND < 1.0	434
	8-22-06	583	6.4	8.6 M	ND < 2.5	598
	11-28-06	265	7.7	10	ND < 1.0	282.7
	12-11-06	217	6.9	9.4	ND < 2.5	233.3
	3-1-07	591	7.4	5.4	ND < 2.5	603.8
	5-29-07	298	8.4	ND < 1.0	ND < 1.0	306.4
	8-28-07	763	9.1	5.2	ND < 5.0	777.3
	11-28-07	606	7.8	7.4	ND < 2.5	621.2
	2-28-08	1,400	14.0	18.4	ND < 10	1,432.4
	5-27-08	1,170	45.0	102	ND<10	1,317
	9-9-08	925	20.9	18.5	ND<5.0	964.4
	11-25-08	3,090	ND<50.0	ND<50.0	ND<50.0	3,090

Notes:
 1 - Standards are for groundwater according to 6NYCRR Part 700-705, Class GA Groundwater Standards;
 All concentrations are in µg/l;
 ND = Not detected above the method detection limit listed;
 Boldface type designates those compounds detected at concentrations exceeding NYSDEC standards;
 S = Spike recovery outside accepted recovery limits;
 M = Matrix spike recoveries outside QC limits. Matrix bias indicated;
 COC = Contaminants of concern.



Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected January 2006 through November 2008;
Apple Valley Shopping Center, Lagrange, New York;
Conrad Geoscience File #AL030070

Sample Identification	Dates Sampled	Chemical Constituent				
		Tetrachloroethene (5 µg/l ¹)	Trichloroethene (5 µg/l ¹)	cis-1,2-Dichloroethene (5 µg/l ¹)	Vinyl Chloride (2 µg/l ¹)	Total COC
Volatile Organic Compounds						
RW-2	2-9-06	7,860	132	148	ND < 25	8,140
	3-9-06	2,960	24.8	20.8	ND < 10	3,005.6
	5-16-06	1,800	12.2	20.1	ND < 5.0	1,832.3
	8-22-06	14,100	76	177 M	ND < 50.0	14,353
	11-28-06	3,340	ND < 25.0	25.5	ND < 25.0	3,365.5
	12-11-06	1,190	10.9	22.1	ND < 5.0	1,223
	3-1-07	5,100	ND < 50.0	ND < 50.0	ND < 50.0	5,100
	5-29-07	1,080	16.6	ND < 10.0	ND < 10.0	1,096.6
	8-28-07	325	4.1	3.6	ND < 2.5	332.7
	11-28-07	1,770	ND < 10.0	ND < 10.0	ND < 10.0	1,770
	2-28-08	4,700	30.5	46.0	ND < 25	4,776.5
	5-27-08	2,510	187	114	ND < 25.0	2,811
	9-9-08	4,040	52.5	68.0	ND < 25.0	4,160.5
11-25-08	4,790	ND < 100.0	ND < 100.0	ND < 100.0	4,790	

Notes:
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COC = Contaminants of concern.



Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected January 2006 through November 2008;
Apple Valley Shopping Center, Lagrange, New York;
Conrad Geoscience File #AL030070

Sample Identification	Dates Sampled	Chemical Constituent				
		Tetrachloroethene (5 µg/l ¹)	Trichloroethene (5 µg/l ¹)	cis-1,2- Dichloroethene (5 µg/l ¹)	Vinyl Chloride (2 µg/l ¹)	Total COC
Volatile Organic Compounds						
RW-3	2-9-06	1,250	102	88.8	ND < 5.0	1,440.8
	3-9-06	567	67.3	72.8	3.9	711
	5-16-06	538	53.8	99.4	ND < 2.5	691.2
	8-22-06	151	19.6	34.1 M	ND < 2.5	204.7
	11-28-06	451	49.5	103	4.0	607.5
	12-11-06	467	66.4	147	5.7	686.1
	3-1-07	494	59	75.3	ND < 2.5	628.3
	5-29-07	550	54.3	93.8	5.2	703.3
	8-28-07	657	69.7	121	4.4	852.1
	11-28-07	541	57.0	103	ND < 5.0 S	701
	2-28-08	618	53.0	99.7	ND < 5.0	770.7
	5-27-08	543	55.2	89.8	ND<10	688
	9-9-08	480	54.2	85.2	ND<5.0	619.4
	11-25-08	876	82.2	120	ND<10	1,078.2

Notes:
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Boldface type designates those compounds detected at concentrations exceeding NYSDEC standards;
S = Spike recovery outside accepted recovery limits;
M = Matrix spike recoveries outside QC limits. Matrix bias indicated;
COC = Contaminants of concern.



Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected January 2006 through November 2008;
Apple Valley Shopping Center, Lagrange, New York;
Conrad Geoscience File #AL030070

Sample Identification	Dates Sampled	Chemical Constituent				
		Tetrachloroethene (5 µg/l ¹)	Trichloroethene (5 µg/l ¹)	cis-1,2-Dichloroethene (5 µg/l ¹)	Vinyl Chloride (2 µg/l ¹)	Total COC
Volatile Organic Compounds						
AV-2	2-9-06	3,560	380	979	ND < 10	4,919
	3-9-06	90.7	11.0	19.5	ND < 0.5	121.2
	5-16-06	913	13.2	18.0	ND < 2.5	944.2
	8-22-06	28.4	3.4	9.9 M	ND < 0.5	41.7
	11-28-06	24.7	3.5	6.6	ND < 0.5	34.8
	12-11-06	28.5	4.0	9.2	ND < 0.5	41.7
	3-1-07	25.4	4.0	5.2	ND < 0.5	34.6
	5-29-07	26.0	3.8	6.1	ND < 0.5	35.9
	8-28-07	24.4	ND < 0.5	6.5	ND < 0.5	30.9
	11-28-07	13.2	2.1	3.6	ND < 0.5 S	18.9
	2-28-08	126	10.7	26.2	ND < 0.5	162.9
	5-27-08	98.5	10.4	24.3	ND<0.5	133.2
	9-9-08	10	1.8	3.3	ND<0.5	15.1
	11-25-08	20.9	3.3	4.6	ND<0.5	28.8

Notes:
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All concentrations are in µg/l;
ND = Not detected above the method detection limit listed;
Boldface type designates those compounds detected at concentrations exceeding NYSDEC standards;
S = Spike recovery outside accepted recovery limits;
M = Matrix spike recoveries outside QC limits. Matrix bias indicated;
COC = Contaminants of concern.



Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected January 2006 through September 2008;
Apple Valley Shopping Center, Lagrange, New York;
Conrad Geoscience File #AL030070

Sample Identification	Dates Sampled	Chemical Constituent				
		Tetrachloroethene (5 µg/l ¹)	Trichloroethene (5 µg/l ¹)	cis-1,2-Dichloroethene (5 µg/l ¹)	Vinyl Chloride (2 µg/l ¹)	Total COC
Volatile Organic Compounds						
MW-5	1-18-06	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0
	8-23-06	4.0	ND < 0.5	0.6 M	ND < 0.5	4.6
	3-5-07	2.0	ND < 0.5	ND < 0.5	ND < 0.5	2.0
	8-28-07	3.3	ND < 0.5	ND < 0.5	ND < 0.5	3.3
	3-26-08	0.7	ND < 0.5	ND < 0.5	ND < 0.5	0.7
	9-11-08	2.4	ND<0.5	ND<0.5	ND<0.5	2.4
MW-6	1-16-06	21.6	3.4	7.9	ND < 0.5	32.9
	5-16-06	6.0	0.6	ND < 0.5	ND < 0.5	6.6
	8-22-06	3.7	ND < 0.5	ND < 0.5	ND < 0.5	3.7
	8-28-07	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0
	9-10-08	2.8	ND<0.5	ND<0.5	ND<0.5	2.8
MW-7	1-16-06	6.1	3.6	0.9	ND < 0.5	10.6
	5-16-06	34.0	3.2	7.3	ND < 0.5	44.5
	8-22-06	23.6	2.8	8.7 M	ND < 0.5	35.1
	8-28-07	12.5	1.9	2.8	ND < 0.5	17.2
	9-10-08	17.1	1.4	3.7	ND<0.5	22.2

Notes:
1 - Standards are for groundwater according to 6NYCRR Part 700-705, Class GA Groundwater Standards;
All concentrations are in µg/l;
ND = Not detected above the method detection limit listed;
Boldface type designates those compounds detected at concentrations exceeding NYSDEC standards;
M = Matrix spike recoveries outside QC limits. Matrix bias indicated;
S = Spike recovery outside accepted recovery limits;
COC = Contaminants of concern.





Analytical Report Cover Page

Conrad Geoscience

For Lab Project # 08-4600

Issued December 5, 2008

This report contains a total of 7 pages

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

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

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

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

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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

"ND" = analyzed for but not detected.

"E" = Result has been estimated, calibration limit exceeded.

"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.



**Volatile Laboratory Analysis Report
For Groundwater**

Client:	Conrad Geoscience	Lab Project No.:	08-4600
Client Job Site:	Apple Valley Shopping Center LaGrange, NY	Lab Sample No.:	13959
Client Job No.:	AL030070	Sample Type:	Groundwater
Field Location:	AVS-EFF	Date Sampled:	11/25/08
		Date Received:	11/26/08
		Date Analyzed:	12/02/08

VOLATILE HALOCARBONS	RESULTS (ug/l)		VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<0.5		Benzene	ND<0.5
Bromomethane	ND<0.5		Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5		n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	S	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5		tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5		Chlorobenzene	ND<0.5
Dibromomethane	ND<0.5		2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<0.5		4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5		1,2-Dichlorobenzene	ND<0.5
1,1-Dichloroethane	ND<0.5		1,3-Dichlorobenzene	ND<0.5
1,2-Dichloroethane	ND<0.5		1,4-Dichlorobenzene	ND<0.5
1,1-Dichloroethene	ND<0.5		Ethyl Benzene	ND<0.5
cis-1,2-Dichloroethene	ND<0.5		Hexachlorobutadiene	ND<0.5
trans-1,2-Dichloroethene	ND<0.5		Isopropylbenzene	ND<0.5
1,2-Dichloropropane	ND<0.5		4-Isopropyltoluene	ND<0.5
1,3-Dichloropropane	ND<0.5		Naphthalene	ND<0.5
2,2-Dichloropropane	ND<0.5		n-Propylbenzene	ND<0.5
1,1-Dichloropropene	ND<0.5		Styrene	ND<0.5
cis-1,3-Dichloropropene	ND<0.5		Toluene	ND<0.5
trans-1,3-Dichloropropene	ND<0.5		1,2,3-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5		1,2,4-Trichlorobenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5		1,2,4-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5		1,3,5-Trimethylbenzene	ND<0.5
Tetrachloroethene	ND<0.5		m,p-Xylene	ND<0.5
1,1,1-Trichloroethane	ND<0.5		o-Xylene	ND<0.5
1,1,2-Trichloroethane	ND<0.5		Methyl-t-Butyl Ether	ND<2.0
Trichloroethene	ND<0.5		<u>Trihalomethanes</u>	
Trichlorofluoromethane	ND<0.5	S	Bromodichloromethane	ND<0.5
1,2,3-Trichloropropane	ND<0.5		Bromoform	ND<0.5
Vinyl Chloride	ND<0.5		Chloroform	ND<0.5
			Dibromochloromethane	ND<0.5

EPA Method 524.2

NYS ELAP No.: 10709

Comments: ND denotes Non-Detected.
S denotes Spike Recovery outside accepted recovery limits.

Approved By Technical Director: _____

Bruce Hoogesteger

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

**Volatile Laboratory Analysis Report
 For Groundwater**

Client:	Conrad Geoscience	Lab Project No.:	08-4600
		Lab Sample No.:	13960
Client Job Site:	Apple Valley Shopping Center LaGrange, NY	Sample Type:	Groundwater
Client Job No.:	AL030070	Date Sampled:	11/25/08
		Date Received:	11/26/08
Field Location:	AV-2	Date Analyzed:	12/02/08

VOLATILE HALOCARBOONS	RESULTS (ug/l)		VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<0.5		Benzene	ND<0.5
Bromomethane	ND<0.5		Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5		n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	S	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5		tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5		Chlorobenzene	ND<0.5
Dibromomethane	ND<0.5		2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<0.5		4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5		1,2-Dichlorobenzene	ND<0.5
1,1-Dichloroethane	ND<0.5		1,3-Dichlorobenzene	ND<0.5
1,2-Dichloroethane	ND<0.5		1,4-Dichlorobenzene	ND<0.5
1,1-Dichloroethene	ND<0.5		Ethyl Benzene	ND<0.5
cis-1,2-Dichloroethene	4.6		Hexachlorobutadiene	ND<0.5
trans-1,2-Dichloroethene	ND<0.5		Isopropylbenzene	ND<0.5
1,2-Dichloropropane	ND<0.5		4-Isopropyltoluene	ND<0.5
1,3-Dichloropropane	ND<0.5		Naphthalene	ND<0.5
2,2-Dichloropropane	ND<0.5		n-Propylbenzene	ND<0.5
1,1-Dichloropropene	ND<0.5		Styrene	ND<0.5
cis-1,3-Dichloropropene	ND<0.5		Toluene	ND<0.5
trans-1,3-Dichloropropene	ND<0.5		1,2,3-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5		1,2,4-Trichlorobenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5		1,2,4-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5		1,3,5-Trimethylbenzene	ND<0.5
Tetrachloroethene	20.9	X	m,p-Xylene	ND<0.5
1,1,1-Trichloroethane	ND<0.5		o-Xylene	ND<0.5
1,1,2-Trichloroethane	ND<0.5		Methyl-t-Butyl Ether	ND<2.0
Trichloroethene	3.3		<u>Trihalomethanes</u>	
Trichlorofluoromethane	ND<0.5	S	Bromodichloromethane	ND<0.5
1,2,3-Trichloropropane	ND<0.5		Bromoform	ND<0.5
Vinyl Chloride	ND<0.5		Chloroform	ND<0.5
			Dibromochloromethane	ND<0.5

EPA Method 524.2

NYS ELAP No.: 10709

Comments:

ND denotes Non-Detected.

S denotes Spike Recovery outside accepted recovery limits.

X denotes Value exceeds Maximum Contaminant Level.

Approved By Technical Director:


 Bruce Hoogesteger



Volatile Laboratory Analysis Report
For Groundwater

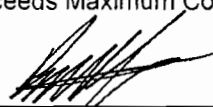
Client:	<u>Conrad Geoscience</u>	Lab Project No.:	08-4600
Client Job Site:	Apple Valley Shopping Center LaGrange, NY	Lab Sample No.:	13961
Client Job No.:	AL030070	Sample Type:	Groundwater
Field Location:	RW-1	Date Sampled:	11/25/08
		Date Received:	11/26/08
		Date Analyzed:	12/02/08

VOLATILE HALOCARBONS	RESULTS (ug/l)		VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<50.0		Benzene	ND<50.0
Bromomethane	ND<50.0		Bromobenzene	ND<50.0
Carbon Tetrachloride	ND<50.0		n-Butylbenzene	ND<50.0
Chloroethane	ND<100	S	sec-Butylbenzene	ND<50.0
Chloromethane	ND<50.0		tert-Butylbenzene	ND<50.0
1,2-Dibromomethane	ND<50.0		Chlorobenzene	ND<50.0
Dibromomethane	ND<50.0		2-Chlorotoluene	ND<50.0
1,2-Dibromo-3-Chloropropane	ND<50.0		4-Chlorotoluene	ND<50.0
Dichlorodifluoromethane	ND<50.0		1,2-Dichlorobenzene	ND<50.0
1,1-Dichloroethane	ND<50.0		1,3-Dichlorobenzene	ND<50.0
1,2-Dichloroethane	ND<50.0		1,4-Dichlorobenzene	ND<50.0
1,1-Dichloroethene	ND<50.0		Ethyl Benzene	ND<50.0
cis-1,2-Dichloroethene	ND<50.0		Hexachlorobutadiene	ND<50.0
trans-1,2-Dichloroethene	ND<50.0		Isopropylbenzene	ND<50.0
1,2-Dichloropropane	ND<50.0		4-isopropyltoluene	ND<50.0
1,3-Dichloropropane	ND<50.0		Naphthalene	ND<50.0
2,2-Dichloropropane	ND<50.0		n-Propylbenzene	ND<50.0
1,1-Dichloropropene	ND<50.0		Styrene	ND<50.0
cis-1,3-Dichloropropene	ND<50.0		Toluene	ND<50.0
trans-1,3-Dichloropropene	ND<50.0		1,2,3-Trichlorobenzene	ND<50.0
Methylene Chloride	172	X	1,2,4-Trichlorobenzene	ND<50.0
1,1,1,2-Tetrachloroethane	ND<50.0		1,2,4-Trimethylbenzene	ND<50.0
1,1,2,2-Tetrachloroethane	ND<50.0		1,3,5-Trimethylbenzene	ND<50.0
Tetrachloroethene	3090	X	m,p-Xylene	ND<50.0
1,1,1-Trichloroethane	ND<50.0		o-Xylene	ND<50.0
1,1,2-Trichloroethane	ND<50.0		Methyl-t-Butyl Ether	ND<200
Trichloroethene	ND<50.0		<u>Trihalomethanes</u>	
Trichlorofluoromethane	ND<50.0	S	Bromodichloromethane	ND<50.0
1,2,3-Trichloropropane	ND<50.0		Bromoform	ND<50.0
Vinyl Chloride	ND<50.0		Chloroform	ND<50.0
			Dibromochloromethane	ND<50.0

EPA Method 524.2

NYS ELAP No.: 10709

Comments: ND denotes Non-Detected.
S denotes Spike Recovery outside accepted recovery limits.
X denotes Value exceeds Maximum Contaminant Level.

Approved By Technical Director: 
Bruce Hoogesteger

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Volatile Laboratory Analysis Report
For Groundwater

Client:	Conrad Geoscience	Lab Project No.:	08-4600
Client Job Site:	Apple Valley Shopping Center LaGrange, NY	Lab Sample No.:	13962
Client Job No.:	AL030070	Sample Type:	Groundwater
Field Location:	RW-2	Date Sampled:	11/25/08
		Date Received:	11/26/08
		Date Analyzed:	12/02/08

VOLATILE HALOCARBOANS	RESULTS (ug/l)		VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<100		Benzene	ND<100
Bromomethane	ND<100		Bromobenzene	ND<100
Carbon Tetrachloride	ND<100		n-Butylbenzene	ND<100
Chloroethane	ND<200	S	sec-Butylbenzene	ND<100
Chloromethane	ND<100		tert-Butylbenzene	ND<100
1,2-Dibromomethane	ND<100		Chlorobenzene	ND<100
Dibromomethane	ND<100		2-Chlorotoluene	ND<100
1,2-Dibromo-3-Chloropropane	ND<100		4-Chlorotoluene	ND<100
Dichlorodifluoromethane	ND<100		1,2-Dichlorobenzene	ND<100
1,1-Dichloroethane	ND<100		1,3-Dichlorobenzene	ND<100
1,2-Dichloroethane	ND<100		1,4-Dichlorobenzene	ND<100
1,1-Dichloroethene	ND<100		Ethyl Benzene	ND<100
cis-1,2-Dichloroethene	ND<100		Hexachlorobutadiene	ND<100
trans-1,2-Dichloroethene	ND<100		Isopropylbenzene	ND<100
1,2-Dichloropropane	ND<100		4-Isopropyltoluene	ND<100
1,3-Dichloropropane	ND<100		Naphthalene	ND<100
2,2-Dichloropropane	ND<100		n-Propylbenzene	ND<100
1,1-Dichloropropene	ND<100		Styrene	ND<100
cis-1,3-Dichloropropene	ND<100		Toluene	ND<100
trans-1,3-Dichloropropene	ND<100		1,2,3-Trichlorobenzene	ND<100
Methylene Chloride	352	X	1,2,4-Trichlorobenzene	ND<100
1,1,1,2-Tetrachloroethane	ND<100		1,2,4-Trimethylbenzene	ND<100
1,1,2,2-Tetrachloroethane	ND<100		1,3,5-Trimethylbenzene	ND<100
Tetrachloroethene	4790	X	m,p-Xylene	ND<100
1,1,1-Trichloroethane	ND<100		o-Xylene	ND<100
1,1,2-Trichloroethane	ND<100		Methyl-t-Butyl Ether	ND<400
Trichloroethene	ND<100		<u>Trihalomethanes</u>	
Trichlorofluoromethane	ND<100	S	Bromodichloromethane	ND<100
1,2,3-Trichloropropane	ND<100		Bromoform	ND<100
Vinyl Chloride	ND<100		Chloroform	ND<100
			Dibromochloromethane	ND<100

EPA Method 524.2

NYS ELAP No.: 10709

Comments: ND denotes Non-Detected.
 S denotes Spike Recovery outside accepted recovery limits.
 X denotes Value exceeds Maximum Contaminant Level.

Approved By Technical Director:


 Bruce Hoogesteger

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File ID: Conrad 524 08-4600



**Volatile Laboratory Analysis Report
For Groundwater**

Client: **Conrad Geoscience** Lab Project No.: 08-4600
 Client Job Site: Apple Valley Shopping Center LaGrange, NY Lab Sample No.: 13963
 Client Job No.: AL030070 Sample Type: Groundwater
 Date Sampled: 11/25/08
 Date Received: 11/26/08
 Field Location: RW-3 Date Analyzed: 12/02/08

VOLATILE HALOCARBONS	RESULTS (ug/l)		VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<10		Benzene	ND<10
Bromomethane	ND<10		Bromobenzene	ND<10
Carbon Tetrachloride	ND<10		n-Butylbenzene	ND<10
Chloroethane	ND<20.0	S	sec-Butylbenzene	ND<10
Chloromethane	ND<10		tert-Butylbenzene	ND<10
1,2-Dibromomethane	ND<10		Chlorobenzene	ND<10
Dibromomethane	ND<10		2-Chlorotoluene	ND<10
1,2-Dibromo-3-Chloropropane	ND<10		4-Chlorotoluene	ND<10
Dichlorodifluoromethane	ND<10		1,2-Dichlorobenzene	ND<10
1,1-Dichloroethane	ND<10		1,3-Dichlorobenzene	ND<10
1,2-Dichloroethane	ND<10		1,4-Dichlorobenzene	ND<10
1,1-Dichloroethene	ND<10		Ethyl Benzene	ND<10
cis-1,2-Dichloroethene	120	X	Hexachlorobutadiene	ND<10
trans-1,2-Dichloroethene	ND<10		Isopropylbenzene	ND<10
1,2-Dichloropropane	ND<10		4-Isopropyltoluene	ND<10
1,3-Dichloropropane	ND<10		Naphthalene	ND<10
2,2-Dichloropropane	ND<10		n-Propylbenzene	ND<10
1,1-Dichloropropene	ND<10		Styrene	ND<10
cis-1,3-Dichloropropene	ND<10		Toluene	ND<10
trans-1,3-Dichloropropene	ND<10		1,2,3-Trichlorobenzene	ND<10
Methylene Chloride	23.8	X	1,2,4-Trichlorobenzene	ND<10
1,1,1,2-Tetrachloroethane	ND<10		1,2,4-Trimethylbenzene	ND<10
1,1,2,2-Tetrachloroethane	ND<10		1,3,5-Trimethylbenzene	ND<10
Tetrachloroethene	876	X	m,p-Xylene	14.2 X
1,1,1-Trichloroethane	ND<10		o-Xylene	ND<10
1,1,2-Trichloroethane	ND<10		Methyl-t-Butyl Ether	ND<40.0
Trichloroethene	82.2	X	<u>Trihalomethanes</u>	
Trichlorofluoromethane	ND<10	S	Bromodichloromethane	ND<10
1,2,3-Trichloropropane	ND<10		Bromoform	ND<10
Vinyl Chloride	ND<10		Chloroform	ND<10
			Dibromochloromethane	ND<10

EPA Method 524.2

NYS ELAP No.: 10709

Comments: ND denotes Non-Detected.
 S denotes Spike Recovery outside accepted recovery limits.
 X denotes Value exceeds Maximum Contaminant Level.

Approved By Technical Director:

Bruce Hoogsteger

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PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
 Rochester, NY 14608
 (585) 647-2530 • (800) 724-1997
 FAX: (585) 647-9311

Contract Geoscience

PROJECT NAME/SITE NAME:
 Apple Valley Shaping Center
 LaGrange, NY

CHAIN OF CUSTODY

Adirondack

COMPANY: Paradigm Environmental	ADDRESS: 179 Lake Ave	CITY: Rochester	STATE: NY	ZIP: 14608
PHONE: 585-647-2530	FAX: 585-647-2530	ATTN: Jane Daloz		
LAB PROJECT #: 08-4600	CLIENT PROJECT #: A103007C	TURNAROUND TIME: (WORKING DAYS)	B-DAY	OT: <input type="checkbox"/>
QUOTE #: 1	2	3	4	5

COMMENTS: Please return cooler to Conrad Geoscience; results to slarsos@conradgeos.com

DATE	TIME	COMPOSITION SITE	GRADES	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
11/25/08	1150	X		AVS-EFF	GW	3		13959
	1159	X		AV-2	GW	3		13960
	1208	X		RW-1	GW	3		13961
	1218	X		RW-2	GW	3		13962
	1225	X		RW-3	GW	3		13963

Sample Condition: Per NELAC LAP 210241242/243/244

Container Type: Unknown	NELAC Compliance
Comments: Preservation: <u>SENT DIRECTLY TO LAB</u>	<input type="checkbox"/> Y <input type="checkbox"/> N
Comments: Holding Time: <u>by client</u>	<input type="checkbox"/> Y <input type="checkbox"/> N
Comments: Temperature:	<input type="checkbox"/> Y <input type="checkbox"/> N

Received By: [Signature] Date/Time: 11-25-08/1225

Relinquished By: _____ Date/Time: _____

Received By: Elizabeth A Honick Date/Time: 11/25/08 1550

Received @ Lab By: _____ Date/Time: _____

Total Cost:

PLF: