



RECEIVED

JUN 03 2009

June 5, 2008

Wayne Mizerak
New York State Dept. of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, New York 12233-7014

Re: **2nd Quarter 2009 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. Mizerak:

In May 2009, 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 May 27, 2009, 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 (429.8 µg/l); RW-2 (5,090 µg/l); RW-3 (433.8 µg/l); and AV-2 (188 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 May 2009 groundwater data indicate a decrease in total COC in Recovery Wells RW-1 and AV-2 and a small increase in total COC in Recovery Well RW-2 in comparison to the March 2009 groundwater monitoring results. Total COC in Recovery Well RW-3 remained virtually unchanged since the March 2009 round of sampling.

The next round of quarterly groundwater monitoring is scheduled for August 2008. If you have any questions, please do not hesitate to call.

Sincerely,

CONRAD GEOSCIENCE CORP.



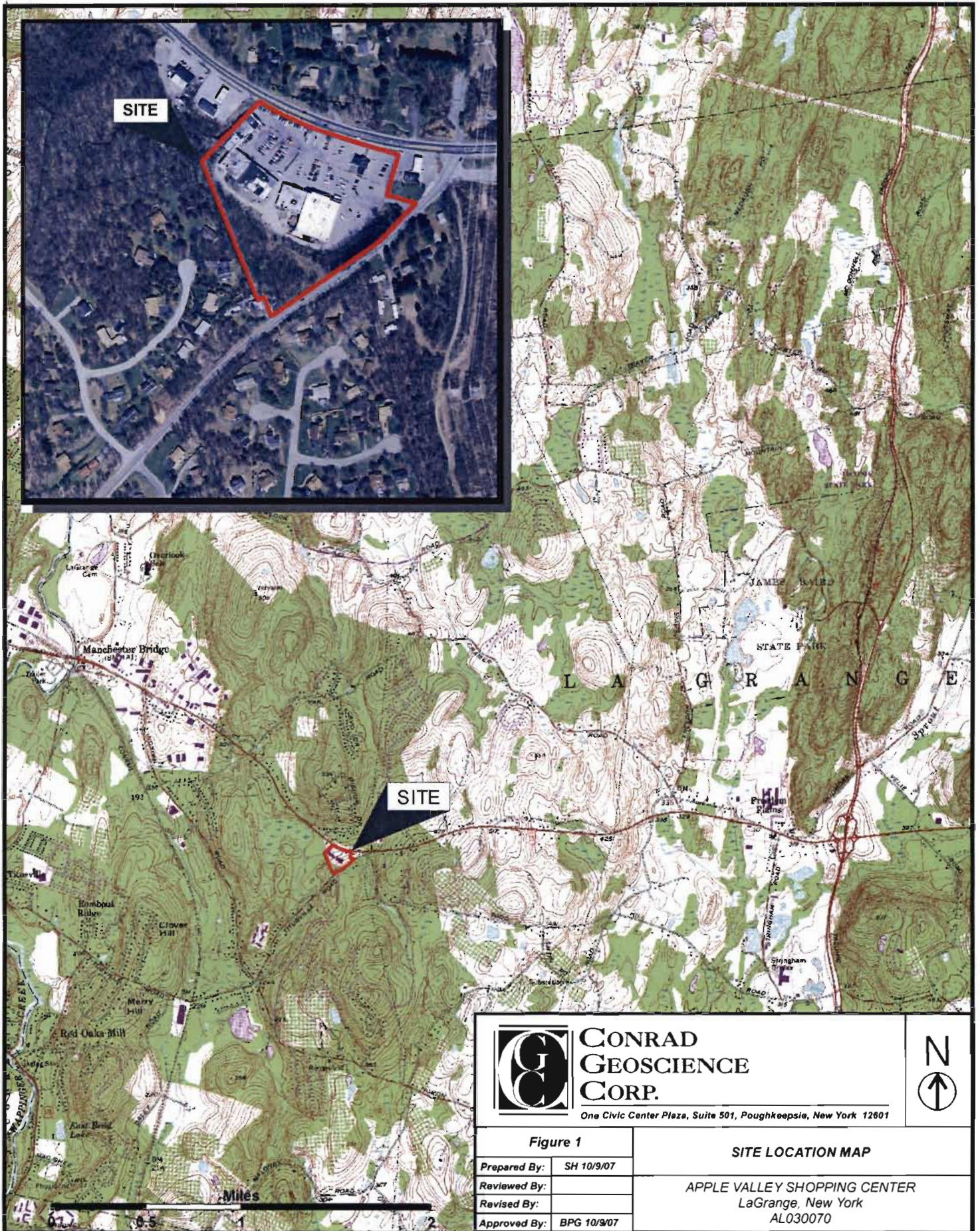
Stephanie P. LaRose
Geologist

SPL/tla

attachments

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





**CONRAD
GEOSCIENCE
CORP.**

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



Figure 1

SITE LOCATION MAP

Prepared By: SH 10/9/07

Reviewed By:

Revised By:

Approved By: BPG 10/9/07

APPLE VALLEY SHOPPING CENTER
LaGrange, New York
AL030070



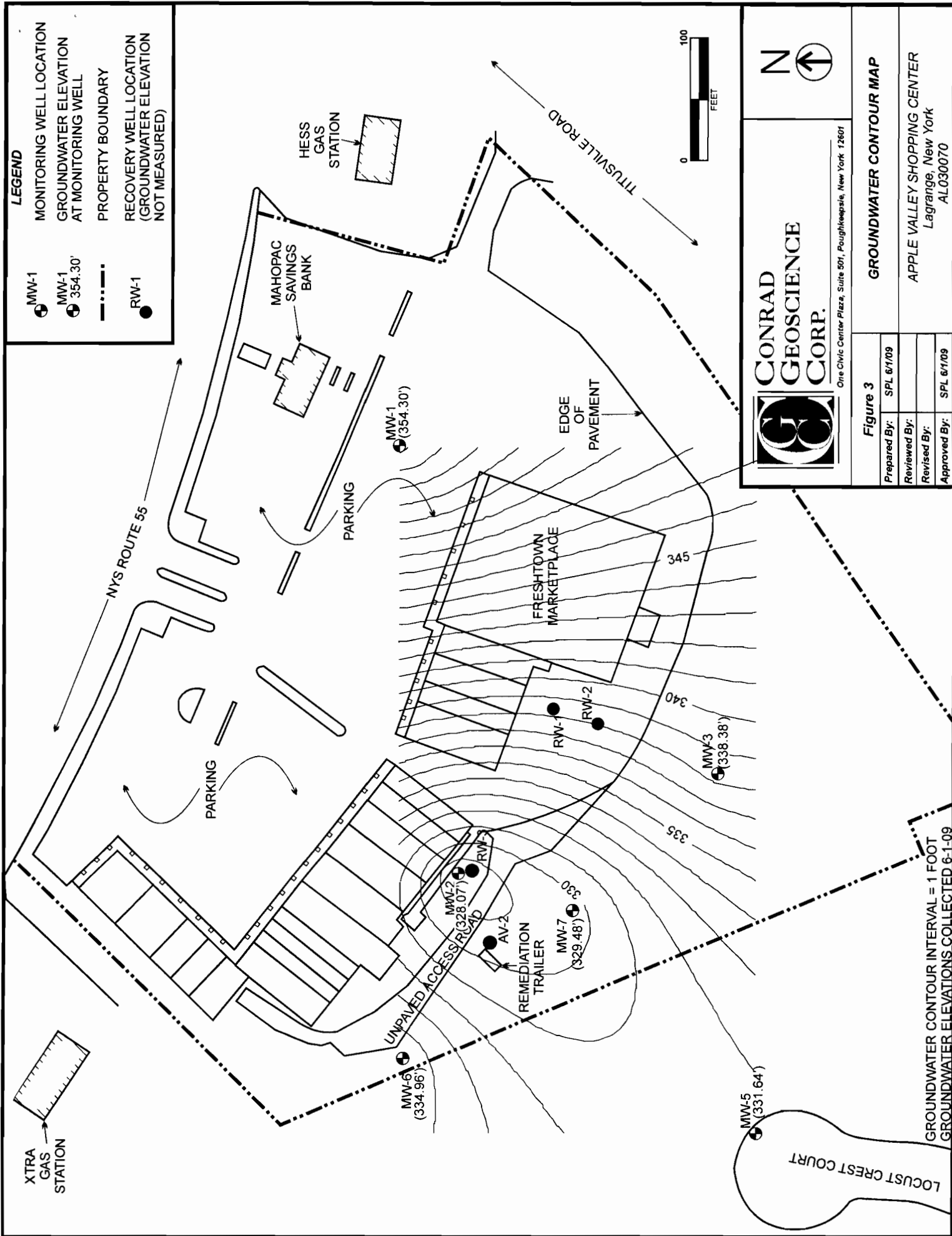


Table 1. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected January 2006 through May 2009;
Apple Valley Shopping Center, Lagrange, New York;
Conrad Geoscience File #AL030070

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
	3-5-09	500	15.2	ND<10	ND<10 S	515.2
5-27-09	412	17.8	ND<10	ND<10	429.8	

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;**
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 Conrad Geoscience File #AL030070

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		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
	3-5-09	4,800	ND<100	ND<100	ND<100 S	4,800
5-27-09	5,090	ND<100	ND<100	ND<100	5,090	

Notes:

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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
	3-5-09	347	38.8	49.4	ND<10 S	435.2
5-27-09	351	40.6	42.2	ND<10	433.8	

Notes:

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Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
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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
	3-5-09	180	17.5	31.4	ND<0.5	228.9
5-27-09	146	19.5	22.5	ND<5.0	188	

Notes:

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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						
AVS-EFF	2-9-06	146	8.3	22.1	ND < 0.5	176.4
	3-9-06	12.3	1.1	1.4	ND < 0.5	14.8
	5-16-06	14	0.6	1.5	ND < 0.5	16.1
	7-5-06	1.7	ND < 0.5	ND < 0.5	ND < 0.5	1.7
	8-22-06	7.4	ND < 0.5	ND < 0.5	ND < 0.5	7.4
	11-28-06	85.8	4.9	13.0	ND < 0.5	103.7
	12-11-06	2.1	ND < 0.5	ND < 0.5	ND < 0.5	2.1
	3-1-07	2.4	ND < 0.5	ND < 0.5	ND < 0.5	2.4
	5-29-07	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0
	8-28-07	2.0	ND < 0.5	ND < 0.5	ND < 0.5	2.0
	11-28-07	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5 S	0
	2-28-08	2.8	ND < 0.5	ND < 0.5	ND < 0.5	2.8
	5-27-08	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0
	9-11-08	0.5	ND<0.5	ND<0.5	ND<0.5	0.5
	11-25-08	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
	3-5-09	1.4	ND<0.5	ND<0.5	ND<0.5	1.4
5-27-09	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND	

Notes.

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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-1	1-16-06	35.5	1.4	2.0	ND < 0.5	38.9
	5-16-06	13.9	ND < 0.5	ND < 0.5	ND < 0.5	13.9
	8-23-06	10.3	0.6	0.8 M	ND < 0.5	11.7
MW-1	1-17-06	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0
	5-16-06	ND < 0.5	2.2	ND < 0.5	ND < 0.5	2.2
	8-22-06	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0
	8-28-07	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0
	9-10-08	3.5	ND<0.5	ND<0.5	ND<0.5	3.5
MW-2	1-13-06	967	95.7	94.9	ND < 5.0	1,157.6
	5-16-06	4,440	638	1,300	ND < 25.0	6,378
	8-22-06	2,710	390	943 M	24.2	4,067.2
	8-28-07	2,760	396	752	31.0	3,939
	9-10-08	1,290	182	484	32.7	1,988.7
MW-3	1-16-06	0.6	ND < 0.5	ND < 0.5	ND < 0.5	0.6
	5-16-06	2.6	ND < 0.5	ND < 0.5	ND < 0.5	2.6
	8-23-06	4.3	ND < 0.5	ND < 0.5	ND < 0.5	4.3
	8-29-07	2.5	ND < 0.5	ND < 0.5	ND < 0.5	2.5
	9-10-08	2.8	ND<0.5	0.6	ND<0.5	3.4

Notes:
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 M = Matrix spike recoveries outside QC limits Matrix bias indicated;
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 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:

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Volatile Laboratory Analysis Report For Water

Client:	Conrad Geoscience	Lab Project No.:	09-1893
		Lab Sample No.:	6276
Client Job Site:	Apple Valley Shopping Center LaGrange, NY	Sample Type:	Water
Client Job No.:	AL030070	Date Sampled:	05/27/09
		Date Received:	05/29/09
Field Location:	AVS-EFF	Date Analyzed:	06/02/09

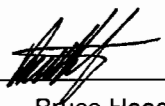
VOLATILE HALOCARBOHS	RESULTS (ug/L)		VOLATILE AROMATICS	RESULTS (ug/L)	
Bromochloromethane	ND<0.5		Benzene	ND<0.5	
Bromomethane	ND<0.5		Bromobenzene	ND<0.5	
Carbon Tetrachloride	ND<0.5	S	n-Butylbenzene	ND<0.5	
Chloroethane	ND<1.0		sec-Butylbenzene	ND<0.5	
Chloromethane	ND<0.5		tert-Butylbenzene	ND<0.5	
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	S
trans-1,2-Dichloroethene	ND<0.5		Isopropylbenzene	ND<0.5	
1,2-Dichloropropane	ND<0.5	S	4-Isopropyltoluene	ND<0.5	
1,3-Dichloropropane	ND<0.5	S	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	S	Toluene	ND<0.5	
trans-1,3-Dichloropropene	ND<0.5		1,2,3-Trichlorobenzene	ND<0.5	
Methylene Chloride	ND<0.5	S	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	S	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	S	Methyl-t-Butyl Ether	ND<2.0	
Trichloroethene	ND<0.5		<u>Trihalomethanes</u>		
Trichlorofluoromethane	ND<0.5		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 Detect.
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

File ID: Conrad 09-1893

Volatile Laboratory Analysis Report For Water

 Client: **Conrad Geoscience**

Lab Project No.: 09-1893

Lab Sample No.: 6277

 Client Job Site: Apple Valley Shopping Center
LaGrange, NY

Sample Type: Water

Client Job No.: AL030070

Date Sampled: 05/27/09

Date Received: 05/29/09

Field Location: AV-2

Date Analyzed: 06/02/09

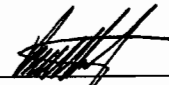
VOLATILE HALOCARBONS	RESULTS (ug/L)		VOLATILE AROMATICS	RESULTS (ug/L)
Bromochloromethane	ND<5.0		Benzene	ND<5.0
Bromomethane	ND<5.0		Bromobenzene	ND<5.0
Carbon Tetrachloride	ND<5.0	S	n-Butylbenzene	ND<5.0
Chloroethane	ND<10		sec-Butylbenzene	ND<5.0
Chloromethane	ND<5.0		tert-Butylbenzene	ND<5.0
1,2-Dibromomethane	ND<5.0		Chlorobenzene	ND<5.0
Dibromomethane	ND<5.0		2-Chlorotoluene	ND<5.0
1,2-Dibromo-3-Chloropropane	ND<5.0		4-Chlorotoluene	ND<5.0
Dichlorodifluoromethane	ND<5.0		1,2-Dichlorobenzene	ND<5.0
1,1-Dichloroethane	ND<5.0		1,3-Dichlorobenzene	ND<5.0
1,2-Dichloroethane	ND<5.0		1,4-Dichlorobenzene	ND<5.0
1,1-Dichloroethene	ND<5.0		Ethyl Benzene	ND<5.0
cis-1,2-Dichloroethene	22.5		Hexachlorobutadiene	ND<5.0 S
trans-1,2-Dichloroethene	ND<5.0		Isopropylbenzene	ND<5.0
1,2-Dichloropropane	ND<5.0	S	4-Isopropyltoluene	ND<5.0
1,3-Dichloropropane	ND<5.0	S	Naphthalene	ND<5.0
2,2-Dichloropropane	ND<5.0		n-Propylbenzene	ND<5.0
1,1-Dichloropropene	ND<5.0		Styrene	ND<5.0
cis-1,3-Dichloropropene	ND<5.0	S	Toluene	ND<5.0
trans-1,3-Dichloropropene	ND<5.0		1,2,3-Trichlorobenzene	ND<5.0
Methylene Chloride	8.2	S	1,2,4-Trichlorobenzene	ND<5.0
1,1,1,2-Tetrachloroethane	ND<5.0		1,2,4-Trimethylbenzene	ND<5.0
1,1,2,2-Tetrachloroethane	ND<5.0	S	1,3,5-Trimethylbenzene	ND<5.0
Tetrachloroethene	146		m,p-Xylene	ND<5.0
1,1,1-Trichloroethane	ND<5.0		o-Xylene	ND<5.0
1,1,2-Trichloroethane	ND<5.0	S	Methyl-t-Butyl Ether	ND<20
Trichloroethene	19.5		<u>Trihalomethanes</u>	
Trichlorofluoromethane	ND<5.0		Bromodichloromethane	ND<5.0
1,2,3-Trichloropropane	ND<5.0		Bromoform	ND<5.0
Vinyl Chloride	ND<5.0		Chloroform	ND<5.0
			Dibromochloromethane	ND<5.0

EPA Method 524.2

NYS ELAP No.: 10709

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

Approved By Technical Director:


 Bruce Hoogesteger

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File ID: Conrad 09-1893



Volatile Laboratory Analysis Report For Water

Client: Conrad Geoscience

Lab Project No.: 09-1893

Lab Sample No.: 6278

Client Job Site: Apple Valley Shopping Center
LaGrange, NY

Sample Type: Water

Client Job No.: AL030070

Date Sampled: 05/27/09

Date Received: 05/29/09

Field Location: RW-1

Date Analyzed: 06/02/09

VOLATILE HALOCARBOHS	RESULTS (ug/L)		VOLATILE AROMATICS	RESULTS (ug/L)	
Bromochloromethane	ND<10		Benzene	ND<10	
Bromomethane	ND<10		Bromobenzene	ND<10	
Carbon Tetrachloride	ND<10	S	n-Butylbenzene	ND<10	
Chloroethane	ND<20.0		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	ND<10		Hexachlorobutadiene	ND<10	S
trans-1,2-Dichloroethene	ND<10		Isopropylbenzene	ND<10	
1,2-Dichloropropane	ND<10	S	4-Isopropyltoluene	ND<10	
1,3-Dichloropropane	ND<10	S	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	S	Toluene	ND<10	
trans-1,3-Dichloropropene	ND<10		1,2,3-Trichlorobenzene	ND<10	
Methylene Chloride	21.0	S	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	S	1,3,5-Trimethylbenzene	ND<10	
Tetrachloroethene	412		m,p-Xylene	ND<10	
1,1,1-Trichloroethane	ND<10		o-Xylene	ND<10	
1,1,2-Trichloroethane	ND<10	S	Methyl-t-Butyl Ether	ND<40.0	
Trichloroethene	17.8		<u>Trihalomethanes</u>		
Trichlorofluoromethane	ND<10		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 Detect.
S denotes Spike Recovery outside accepted recovery limits.

Approved By Technical Director: _____

Bruce Hoogesteger

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File ID: Conrad 09-1893

Volatile Laboratory Analysis Report For Water

Client: Conrad Geoscience

Lab Project No.: 09-1893

Lab Sample No.: 6279

Client Job Site: Apple Valley Shopping Center
LaGrange, NY

Sample Type: Water

Client Job No.: AL030070

Date Sampled: 05/27/09

Date Received: 05/29/09

Field Location: RW-2

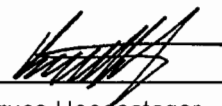
Date Analyzed: 06/02/09

VOLATILE HALOCARBOHS	RESULTS (ug/L)		VOLATILE AROMATICS	RESULTS (ug/L)	
Bromochloromethane	ND<100		Benzene	ND<100	
Bromomethane	ND<100		Bromobenzene	ND<100	
Carbon Tetrachloride	ND<100	S	n-Butylbenzene	ND<100	
Chloroethane	ND<200		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	S
trans-1,2-Dichloroethene	ND<100		Isopropylbenzene	ND<100	
1,2-Dichloropropane	ND<100	S	4-Isopropyltoluene	ND<100	
1,3-Dichloropropane	ND<100	S	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	S	Toluene	ND<100	
trans-1,3-Dichloropropene	ND<100		1,2,3-Trichlorobenzene	ND<100	
Methylene Chloride	118	S	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	S	1,3,5-Trimethylbenzene	ND<100	
Tetrachloroethene	5090		m,p-Xylene	ND<100	
1,1,1-Trichloroethane	ND<100		o-Xylene	ND<100	
1,1,2-Trichloroethane	ND<100	S	Methyl-t-Butyl Ether	ND<400	
Trichloroethene	ND<100		<u>Trihalomethanes</u>		
Trichlorofluoromethane	ND<100		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 Detect.
S denotes Spike Recovery outside accepted recovery limits.

Approved By Technical Director:

 Bruce Hoogesteger

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File ID: Conrad 09-1893



Volatile Laboratory Analysis Report For Water

Client: Conrad Geoscience

Lab Project No.: 09-1893

Lab Sample No.: 6280

Client Job Site: Apple Valley Shopping Center
LaGrange, NY

Sample Type: Water

Client Job No.: AL030070

Date Sampled: 05/27/09

Date Received: 05/29/09

Field Location: RW-3

Date Analyzed: 06/02/09

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	S	n-Butylbenzene	ND<10	
Chloroethane	ND<20.0		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	42.2		Hexachlorobutadiene	ND<10	S
trans-1,2-Dichloroethene	ND<10		Isopropylbenzene	ND<10	
1,2-Dichloropropane	ND<10	S	4-Isopropyltoluene	ND<10	
1,3-Dichloropropane	ND<10	S	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	S	Toluene	ND<10	
trans-1,3-Dichloropropene	ND<10		1,2,3-Trichlorobenzene	ND<10	
Methylene Chloride	18.6	S	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	S	1,3,5-Trimethylbenzene	ND<10	
Tetrachloroethene	351		m,p-Xylene	ND<10	
1,1,1-Trichloroethane	ND<10		o-Xylene	ND<10	
1,1,2-Trichloroethane	ND<10	S	Methyl-t-Butyl Ether	ND<40.0	
Trichloroethene	40.6		<u>Trihalomethanes</u>		
Trichlorofluoromethane	ND<10		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 Detect.
S denotes Spike Recovery outside accepted recovery limits.

Approved By Technical Director: _____

Bruce Hoogesteger

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File ID: Conrad 09-1893

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

Conrad Geoscience
PROJECT NAME/SITE NAME:
Apple Valley Shopping
Center - LaGrange, NY

CHAIN OF CUSTODY

MAY/28/2009/THU 08:33 AM Conrad Geoscience FAX No. 845 454 2655

P. 002

COMPANY:	Paradigm Environmental	LAB PROJECT #:	09-1893	CLIENT PROJECT #:	AL030070
ADDRESS:	179 Lake Avenue	TURNAROUND TIME: (WORKING DAYS)	10-DAY		
CITY:	Rochester	STATE:	NY	ZIP:	14608
PHONE:	585-647-2530	FAX:	-3311	STD	5
ATTN:	Jane Dadoia	OTHER	10		
COMMENTS:	Please return code; email results to slarose@conradgeo.com				
QUOTE #:	JD110705				

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	524.2	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/27/09 1350		X	AVS-EFF	Gw	3	X		6276
2	1350			AV-2					6277
3	1406			RW-1					6278
4	1414			RW-2					6279
5	1425			RW-3					6280
6									
7									
8									
9									
10									

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

Receipt Parameter	NELAC Compliance
Container Type: unknown - sent to sublab by client	Y ☐ N ☐
Preservation: directly to sublab	Y ☐ N ☐
Holding Time:	Y ☐ N ☐
Temperature:	Y ☐ N ☐

5-27-09/1425

Sampled By: [Signature]

Relinquished By: [Signature]

Received By: Elizabeth A. Honch

Received @ Lab By: [Signature]

Total Cost:

P.I.F.