CONRAD GEOSCIENCE CORP.
Environmental Scientists
www.conradgeo.com
One Civic Center Plaza, Suite 501, Poughkeepsie, New York 12601 • 845/454-2544 • fax: 845/454-2655

September 2, 2011

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

Re: **1st Quarter 2011 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 February and March 2011, Conrad Geoscience Corp. continued groundwater monitoring 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 February 28, 2011, Conrad Geoscience collected groundwater samples from Recovery Wells RW-1, RW-2, RW-3, and AV-2. A remediation system effluent sample was also collected (AVS-EFF). In accordance with the approved IRM Work Plan, samples were collected from supply wells at Lot 6 and Lot 11 (Figure 4). 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 air stripper treatment. 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.

Residential Supply Well Sampling

The original IRM Work Plan specifies collection and analysis of samples from supply wells for seven residences of the Woodbridge Estates Subdivision on a semi-annual basis, assuming access is granted. All but Lots 6 and 11 have subsequently been removed from the monitoring program.

Conrad Geoscience contacted the owners of the two remaining sampling locations and coordinated access (Figure 4). A granular activated carbon (GAC) filtration system is installed and in operation at Lot 11, despite the availability of public drinking water. Both residences have water softeners.

Supply well samples were collected via in-line sample ports or spigots prior to GAC filtration and/or water softening. If a GAC filtration system was present, water samples were collected post-treatment and mid-treatment to monitor the effectiveness of the GAC system. Water was allowed to run at a tap for at least ten minutes prior to sampling. Samples were collected at each residence as follows:

- Lot 6: Sample collected from spigot at pressure tank, prior to water softener (no GAC filtration system is present).

- Lot 11: Sample collected from spigot at pressure tank, prior to water softener and GAC filtration system. Mid-treatment sample collected from sample port between two GAC filtration canisters. Post-treatment sample collected from the bathroom tap.

Samples were labeled, packed on ice, and shipped via overnight delivery for analysis of VOCs using USEPA Method 524.2.

RESULTS

Recovery Wells

Total COC concentrations for each well are as follows: RW-1 (260 µg/l); RW-2 (3,050 µg/l); RW-3 (529 µg/l); and AV-2 (13.7 µg/l). The total COC concentration for AVS-EFF was 1.5 µg/l. Results for contaminants of concern (COC), tetrachloroethene (PCE); trichloroethene (TCE); cis-1,2-dichloroethene (cis-DCE); and vinyl chloride, are summarized in Table 1. Analytical reports are attached.

Based on the mass loading and measured effluent concentrations of the COC, the air stripper was performing at 99.6% removal efficiency for COC.

Residential Supply Wells

Total COC concentrations for untreated samples at each residence are as follows: Lot 6 (0.0 µg/l); Lot 11 (3.7 µg/l). No COCs were detected in the mid-treatment or post-treatment samples at Lot 11. Results for COCs are summarized in Table 2. Analytical reports are attached.

DISCUSSION

The February 2011 groundwater data indicates the total COC concentrations in Recovery Wells RW-1, RW-2, RW-3, and AV-2 have been substantially reduced since the system was first placed into operation in 2006.

- Total COC concentrations in Recovery Well RW-1 are one order of magnitude lower than initial sampling.

- Total COC concentrations in Recovery Wells RW-2 and RW-3 are approximately two and a half times lower than initial sampling.

- The concentration of total COCs in Recovery Well AV-2 was the second-lowest result since sampling began in 2006; the lowest result was the previous quarter.

COC concentrations in residential supply wells remained below New York State Department of Health drinking water standards with respect to the analytes tested. Even though public drinking water standards do not govern private water supplies, they are used as guidance values.

- No COCs were detected in supply well samples collected from Lot 6 during February 2011.

- No COCs were detected in the samples collected from Lot 11 at the mid-treatment or post-treatment samples. PCE, TCE, and cis-DCE were present at low concentrations in the untreated sample. Concentrations are comparable to historic values.

As indicated by the groundwater contour map (Figure 3), hydraulic gradients formed by the groundwater extraction and treatment system demonstrate that groundwater movement is toward the recovery wells and away from adjacent properties and perimeter wells. This, combined with significant reductions in downgradient groundwater concentrations, indicates that the extraction and treatment system continues to effectively remediate the area.

The next round of quarterly groundwater monitoring is scheduled for May 2011. If you have any questions, please do not hesitate to call.

Sincerely,

CONRAD GEOSCIENCE CORP.

Stephanie LaRose for

Christopher B. Brown, CPG
Senior Hydrogeologist

CBB/tla

attachments

cc: James A. Klein, Apple Valley
David Engel, Esq.
Mark Millspaugh, Sterling Environmental
Steven Bates, NYSDOH (electronic only)
Fay S. Navratil, NYSDOH
George Heitzman, NYSDEC (electronic only)
D. MacDougal
J. Harmon

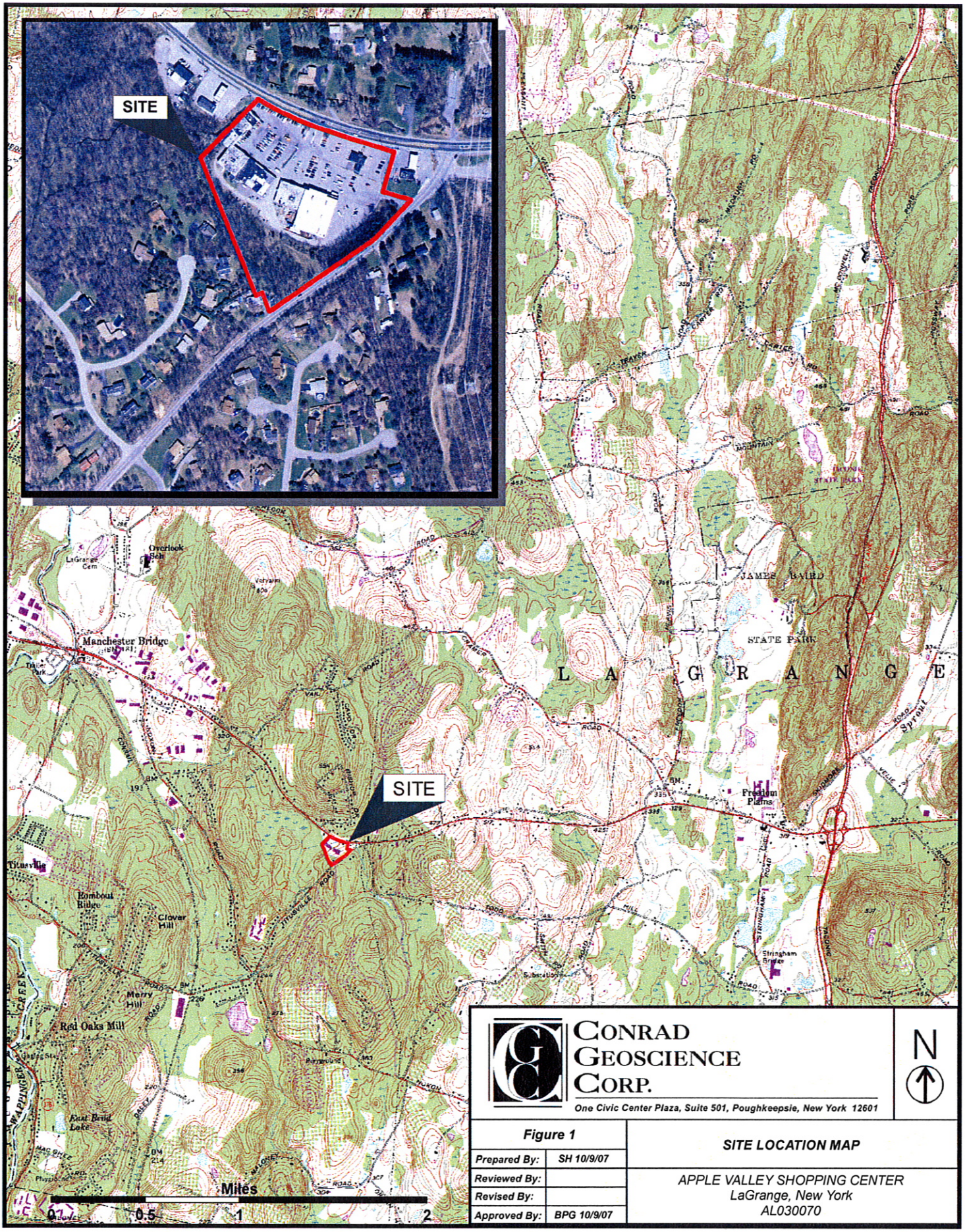

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Figure 1		SITE LOCATION MAP
Prepared By:	SH 10/9/07	APPLE VALLEY SHOPPING CENTER LaGrange, New York AL030070
Reviewed By:		
Revised By:		
Approved By:	BPG 10/9/07	

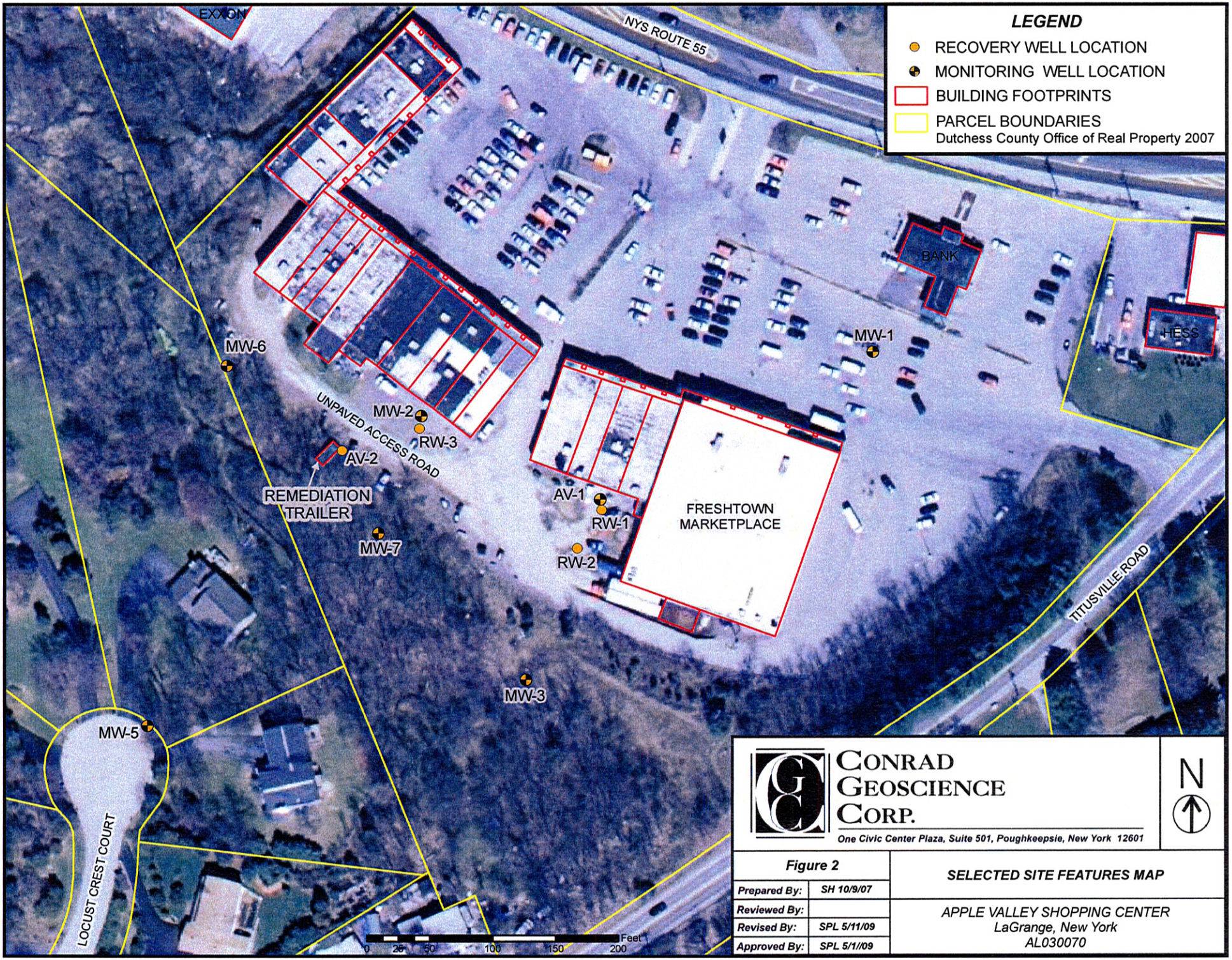

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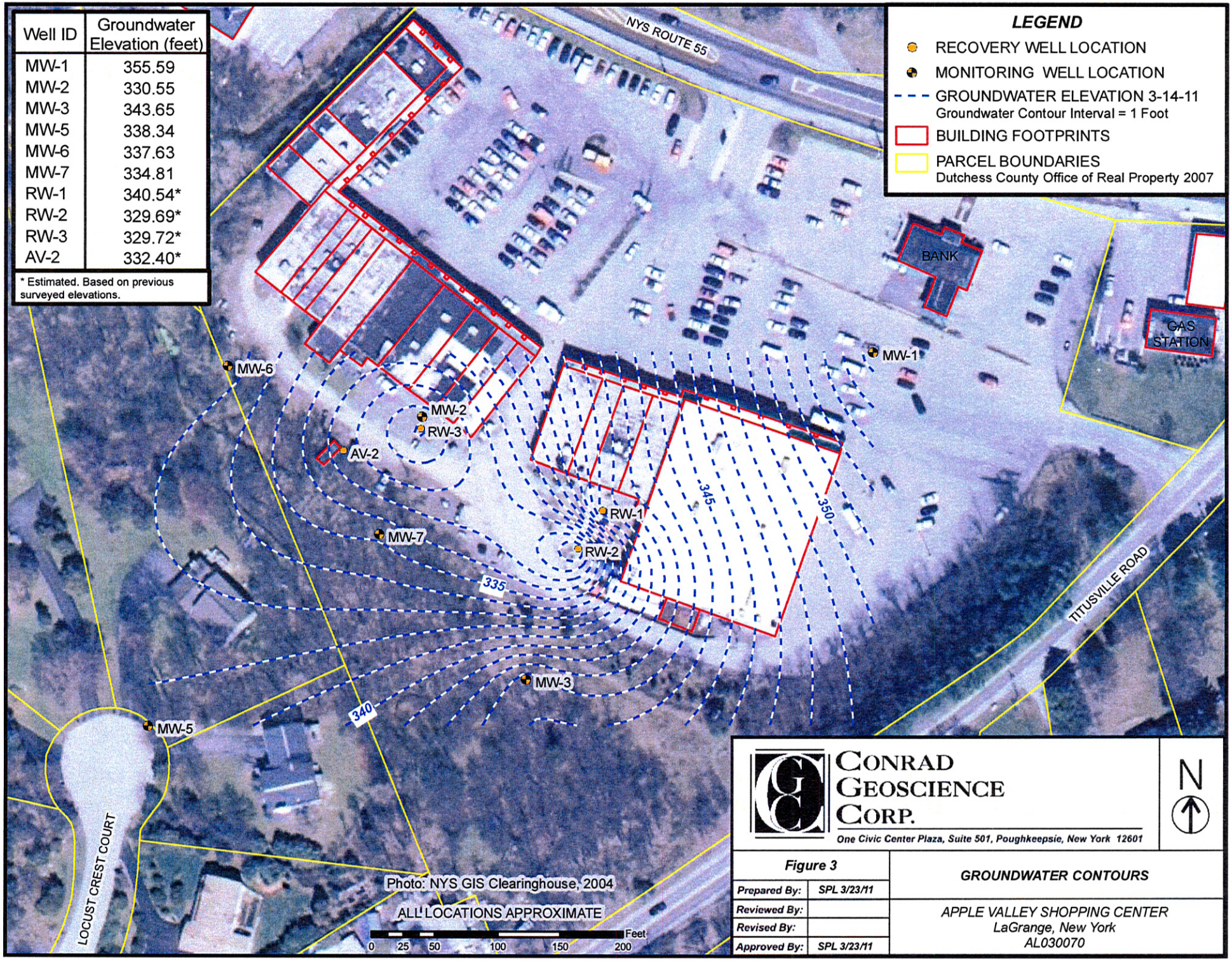
Figure 2		SELECTED SITE FEATURES MAP
Prepared By:	SH 10/9/07	
Reviewed By:		APPLE VALLEY SHOPPING CENTER LaGrange, New York AL030070
Revised By:	SPL 5/11/09	
Approved By:	SPL 5/1//09	



Well ID	Groundwater Elevation (feet)
MW-1	355.59
MW-2	330.55
MW-3	343.65
MW-5	338.34
MW-6	337.63
MW-7	334.81
RW-1	340.54*
RW-2	329.69*
RW-3	329.72*
AV-2	332.40*

* Estimated. Based on previous surveyed elevations.

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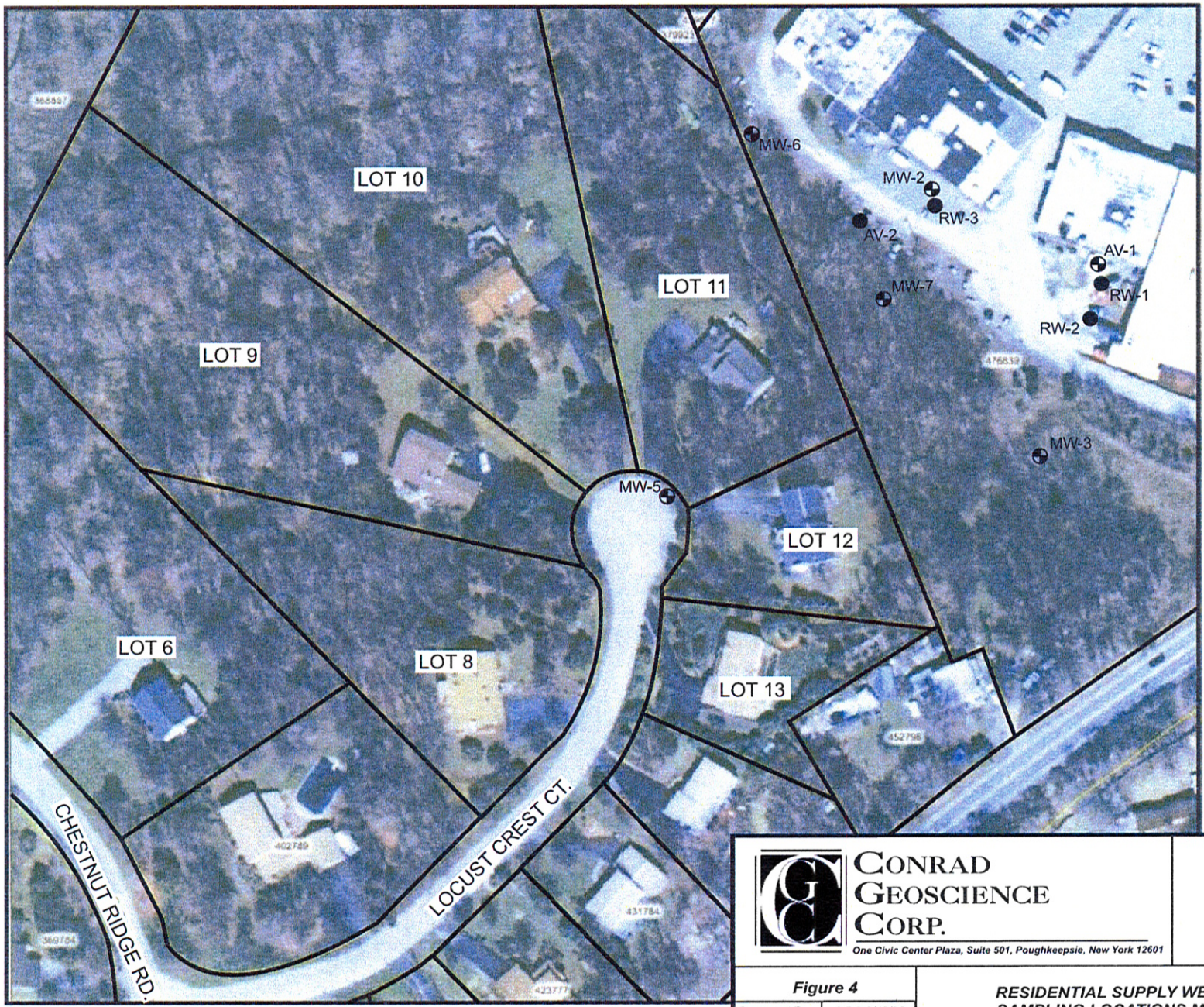
Figure 3		GROUNDWATER CONTOURS
Prepared By:	SPL 3/23/11	
Reviewed By:		APPLE VALLEY SHOPPING CENTER LaGrange, New York AL030070
Revised By:		
Approved By:	SPL 3/23/11	



0 120
FEET

ALL LOCATIONS ARE APPROXIMATE

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Figure 4		RESIDENTIAL SUPPLY WELL SAMPLING LOCATIONS MAP
Prepared By:	BPG 9/13/06	
Reviewed By:		APPLE VALLEY SHOPPING CENTER Lagrange, New York AL030070
Revised By:	BPG 10/1/07	
Approved By:	BPG 10/1/07	

Table 1. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2**;** collected **January 2006 through February 2011;**
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
	8-25-09	**134**	**10**	**5.2**	ND<5.0	149.2
	12-8-09	**264**	**11.4**	ND<5	ND<5	275.4
	2-17-10	**271**	**7.1**	3.2	ND<0.5	281.3
	5-27-10	**93.7**	**5.7**	ND<5	ND<5 M	99.4
	8-25-10	**310**	**26.5**	**27.4**	ND<5.0	363.9
	11-23-10	**15.5**	0.6	ND<0.5	ND<0.5	16.1
	2-28-11	**260**	ND<10	ND<10	ND<10 S	260

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 February 2011;**
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
	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
	8-25-09	**2,610**	ND<100	ND<100	ND<100 S	2,610
	12-8-09	**861**	ND<25	ND<25	ND<25	861
	2-17-10	**1,070**	ND<50	ND<50	ND<50	1,070
	5-27-10	**1,000**	ND<50	ND<50	ND<50	1,000
	8-25-10	**421**	ND<10	ND<10	ND<10	421
	11-23-10	**2,210**	ND<100	ND<100	ND<100	2,210
	2-28-11	**3,050**	ND<100	ND<100	ND<100 S	3,050

Notes:
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Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected **January 2006 through February 2011;**
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
	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
	8-25-09	**423**	**53.4**	**75.4**	ND<10	551.8
	12-8-09	**763**	**83.8**	**78.2**	ND<10	925
	2-17-10	**1,770**	**172**	**182**	ND<50	2,124
	5-27-10	**521**	**57.0**	**87.5**	ND<25 M	665.5
	8-25-10	**180**	**18.6**	**30.9**	ND<5.0	229.5
	11-23-10	**368**	**46.4**	**36.6**	ND<10	451
	2-28-11	**438**	**51.0**	**40.0**	ND<10 S	529

Notes:
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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 February 2011;**
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
	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
	8-25-09	**45.4**	**5.6**	**9.1**	ND<2.5 S	60.1
	12-8-09	**40.3**	**5.2**	**5.8**	ND<1	51.3
	2-17-10	**59.4**	**7.4**	**8.8**	ND<0.5	75.6
	5-27-10	**17.2**	2.8	4.1	ND<0.5 M	24.1
	8-25-10	**14.8**	2.1	1.9	ND<0.5	18.8
	11-23-10	**8.3**	1.4	1.3	ND<0.5	11.0
	2-28-11	**11.9**	1.8	ND<0.5	ND<0.5 S	13.7

Notes:
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Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected **January 2006 through February 2011;**
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						
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
	8-25-09	1.6	ND<0.5	0.7	ND<0.5	2.3
	12-30-09	4.3	0.5	1.1	ND<0.5	5.9
	2-17-10	3.6	ND<0.5	0.8	ND<0.5	4.4
	5-27-10	4.1	ND<0.5	0.6	ND<0.5	4.7
	8-25-10	3.5	ND<0.5	0.6	ND<0.5	4.1
	12-21-10	2.1	ND<0.5	ND<0.5	ND<0.5	2.1
	2-28-11	1.5	ND<0.5	ND<0.5	ND<0.5 S	1.5

Notes:
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Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected **January 2006 through February 2011;**
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-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
	8-25-09	**2,630**	**440**	**772**	ND<100 S	3,842
	8-25-10	**468**	**63.2**	**106**	ND<10	637.2
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:
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.

Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2**;** collected **January 2006 through February 2011;**
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
	8-25-09	**27.2**	3.9	**8.0**	ND<0.5 S	39.1
	8-25-10	**9.9**	2.7	2.6	ND<0.5	15.2

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.

Table 2. **Volatile Organic Compounds (VOCs) in Residential Supply Well Groundwater Samples;** USEPA Method 524.2; collected **March 1998 through March 2011;** 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						
Lot 6 (Lipka)	1-29-03	1.0	ND<0.5	ND < 0.5	ND	1.0
	8-23-06	4.5	ND<0.5	0.9 M	ND<0.5	5.4
	2-27-07	2.6	ND<0.5	0.6	ND<0.5	3.2
	8-7-07	2.2	0.8	ND < 0.5	ND<0.5	3.0
	2-27-08	**9.8**	0.6	1.3	ND<0.5	11.7
	6-3-08	3.0	ND<0.5	0.6	ND<0.5	3.6
	9-5-08	2.1	ND<0.5	0.6	ND<0.5	2.7
	3-19-09	2.9	ND<0.5	0.9	ND<0.5	3.8
	8-17-09	3.7	0.8	1.1	ND<0.5	5.6
	2-4-10	2.3	ND<0.5	ND<0.5	ND<0.5	2.3
	8-4-10	1.1	ND<0.5	ND<0.5	ND<0.5	1.1
	2-10-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
Lot 8	1-29-03	0.6	ND	ND	ND	0.6
	8-22-06	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0
	2-23-07	0.8	ND < 0.5	ND < 0.5	ND < 0.5	0.8
Lot 9	1-29-03	0.8	ND	0.6	ND	1.4
	2-23-07	0.9	ND < 0.5	0.6	ND < 0.5	1.5
	8-24-07	0.7	0.5	ND < 0.5	ND < 0.5	1.2
	2-29-08	1.5	1.0	1.9	ND < 0.5	4.4
	9-5-08	ND<0.5	0.6	0.7	ND<0.5	1.3

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 = Associated LCS outside QC windows;
COC = Contaminants of concern.

Table 2 cont'd. **Volatile Organic Compounds (VOCs) in Residential Supply Well Groundwater Samples;** USEPA Method 524.2; collected **March 1998 through March 2011;** 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						
Lot 10 Upstream	9-01	**7.8**	3.4	4.0	ND	15.2
	3-02	3.7	2.1	2.6	ND	8.4
	9-02	ND	ND	ND	ND	0
	4-03	2.1	2.2	1.9	ND	6.2
	11-03	1.8	2.2	2.6	ND	6.6
	5-18-04	1.9	2.0	2.0	ND	5.9
	12-14-04	3.2	3.3	2.9	ND	9.4
	7-13-05	4.77	3.54	2.85	ND	11.16
	8-25-06	**15.4**	4.1 M	**10.3**	ND < 0.5	29.8
	8-30-07	**8.0**	3.9	4.6	ND < 0.5	16.5
	2-28-08	**12.1**	**12.1**	**15.8**	ND < 0.5	40

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 = Associated LCS outside QC windows;
COC = Contaminants of concern.

Table 2 cont'd. **Volatile Organic Compounds (VOCs) in Residential Supply Well Groundwater Samples;** USEPA Method 524.2; collected **March 1998 through March 2011;** 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						
Lot 11 Upstream (Alben)	3-18-98	ND	ND	ND	ND	0
	1-25-07	2.8	0.5	ND < 0.5	ND < 0.5 S	3.3
	8-27-07	1.6	0.5	ND < 0.5	ND < 0.5	2.1
	2-28-08	**20.2**	1.3	2.0	ND < 0.5	23.5
	6-26-08	2.5	1.6	1.9	ND<0.5	6.0
	9-5-08	0.9	ND<0.5	ND<0.5	ND<0.5	0.9
	3-12-09	1.4	1.0	1.5	ND<0.5	3.9
	9-29-09	1.4	ND<0.5	ND<0.5	ND<0.5	1.4
	2-24-10	1.2	ND<0.5	ND<0.5	ND<0.5	1.2
	8-5-10	1.2	ND<0.5	ND<0.5	ND<0.5	1.2
	3-3-11	1.4	1.2	1.1	ND<0.5	3.7
Lot 12	1-29-03	ND < 0.5	ND	ND	ND	0
	9-7-06	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0
	2-21-07	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
Lot 13	2-22-07	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0
	8-21-07	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0

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 = Associated LCS outside QC windows;
COC = Contaminants of concern.

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Analytical Report Cover Page

Conrad Geoscience

For Lab Project # 11-0806
Issued March 8, 2011
This report contains a total of 8 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/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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

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

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

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"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.

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

LABORATORY REPORT PURGEABLE ORGANIC COMPOUNDS

Client: Conrad Geoscience

Client Job Site: Apple Valley Shopping Center LaGrange, NY

Client Job No.: AL030070

Field Location: AVS-EFF

Lab Project No.: 11-0806

Lab Sample No.: 3046

Sample Type: Water

Date Sampled: 02/28/11

Date Received: 03/01/11

Date Analyzed: 03/03/11

VOLATILE HALOCARBONS	RESULTS (ug/L)		VOLATILE AROMATICS	RESULTS (ug/L)	
Bromochloromethane	< 0.5		Benzene	< 0.5	
Bromomethane	< 0.5		Bromobenzene	< 0.5	
Carbon Tetrachloride	< 0.5	S	n-Butylbenzene	< 0.5	S
Chloroethane	< 1.0		sec-Butylbenzene	< 0.5	
Chloromethane	< 0.5		tert-Butylbenzene	< 0.5	
1,2-Dibromomethane	< 0.5		Chlorobenzene	< 0.5	
Dibromomethane	< 0.5		2-Chlorotoluene	< 0.5	
1,2-Dibromo-3-Chloropropane	< 0.5		4-Chlorotoluene	< 0.5	
Dichlorodifluoromethane	< 0.5		1,2-Dichlorobenzene	< 0.5	S
1,1-Dichloroethane	< 0.5		1,3-Dichlorobenzene	< 0.5	
1,2- Dichloroethane	< 0.5		1,4-Dichlorobenzene	< 0.5	
1,1-Dichloroethene	< 0.5	S	Ethyl Benzene	< 0.5	
cis- 1,2-Dichloroethene	< 0.5		Hexachlorobutadiene	< 0.5	
trans-1,2-Dichloroethene	< 0.5		Isopropylbenzene	< 0.5	
1,2 - Dichloropropane	< 0.5		4-Isopropyltoluene	< 0.5	S
1,3-Dichloropropane	< 0.5		Naphthalene	< 0.5	
2,2-Dichloropropane	< 0.5		n-Propylbenzene	< 0.5	
1,1- Dichloropropene	< 0.5		Styrene	< 0.5	
cis-1,3-Dichloropropene	< 0.5		Toluene	< 0.5	
trans-1,3-Dichloropropene	< 0.5		1,2,3-Trichlorobenzene	< 0.5	S
Methylene Chloride	< 0.5	S	1,2,4-Trichlorobenzene	< 0.5	S
1,1,1,2-Tetrachloroethane	< 0.5		1,2,4-Trimethylbenzene	< 0.5	
1,1,2,2-Tetrachloroethane	< 0.5		1,3,5-Trimethylbenzene	< 0.5	
Tetrachloroethene	1.5		m,p-Xylene	< 0.5	
1,1,1-Trichloroethane	< 0.5		o-Xylene	< 0.5	
1,1,2-Trichloroethane	< 0.5		Methyl-t-Butyl Ether	< 2.0	
Trichloroethene	< 0.5		**Trihalomethanes**		
Trichlorofluoromethane	< 0.5	S	Bromodichloromethane	< 0.5	
1,2,3-Trichloropropane	< 0.5		Bromoform	< 0.5	
Vinyl Chloride	< 0.5	S	Chloroform	< 0.5	
			Dibromochloromethane	< 0.5	

EPA Method 524.2

ELAP No.: 10709

Comments: S denotes LCS Spike recovery outside acceptable limits.

Approved By: _____

Bruce Hoogesteger, Technical Director

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 11-0806

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

LABORATORY REPORT PURGEABLE ORGANIC COMPOUNDS

Client: Conrad Geoscience

Client Job Site: Apple Valley Shopping Center LaGrange, NY

Client Job No.: AL030070

Field Location: AV-2

Lab Project No.: 11-0806
Lab Sample No.: 3047

Sample Type: Water
Date Sampled: 02/28/11
Date Received: 03/01/11
Date Analyzed: 03/03/11

VOLATILE HALOCARBONS	RESULTS (ug/L)		VOLATILE AROMATICS	RESULTS (ug/L)	
Bromochloromethane	< 0.5		Benzene	< 0.5	
Bromomethane	< 0.5		Bromobenzene	< 0.5	
Carbon Tetrachloride	< 0.5	S	n-Butylbenzene	< 0.5	S
Chloroethane	< 1.0		sec-Butylbenzene	< 0.5	
Chloromethane	< 0.5		tert-Butylbenzene	< 0.5	
1,2-Dibromomethane	< 0.5		Chlorobenzene	< 0.5	
Dibromomethane	< 0.5		2-Chlorotoluene	< 0.5	
1,2-Dibromo-3-Chloropropane	< 0.5		4-Chlorotoluene	< 0.5	
Dichlorodifluoromethane	< 0.5		1,2-Dichlorobenzene	< 0.5	S
1,1-Dichloroethane	< 0.5		1,3-Dichlorobenzene	< 0.5	
1,2- Dichloroethane	< 0.5		1,4-Dichlorobenzene	< 0.5	
1,1-Dichloroethene	< 0.5	S	Ethyl Benzene	< 0.5	
cis- 1,2-Dichloroethene	< 0.5		Hexachlorobutadiene	< 0.5	
trans-1,2-Dichloroethene	< 0.5		Isopropylbenzene	< 0.5	
1,2 - Dichloropropane	< 0.5		4-Isopropyltoluene	< 0.5	S
1,3-Dichloropropane	< 0.5		Naphthalene	< 0.5	
2,2-Dichloropropane	< 0.5		n-Propylbenzene	< 0.5	
1,1- Dichloropropene	< 0.5		Styrene	< 0.5	
cis-1,3-Dichloropropene	< 0.5		Toluene	< 0.5	
trans-1,3-Dichloropropene	< 0.5		1,2,3-Trichlorobenzene	< 0.5	S
Methylene Chloride	< 0.5	S	1,2,4-Trichlorobenzene	< 0.5	S
1,1,1,2-Tetrachloroethane	< 0.5		1,2,4-Trimethylbenzene	< 0.5	
1,1,2,2-Tetrachloroethane	< 0.5		1,3,5-Trimethylbenzene	< 0.5	
Tetrachloroethene	11.9	X	m,p-Xylene	< 0.5	
1,1,1-Trichloroethane	< 0.5		o-Xylene	< 0.5	
1,1,2-Trichloroethane	< 0.5		Methyl-t-Butyl Ether	< 2.0	
Trichloroethene	1.8		**Trihalomethanes**		
Trichlorofluoromethane	< 0.5	S	Bromodichloromethane	< 0.5	
1,2,3-Trichloropropane	< 0.5		Bromoform	< 0.5	
Vinyl Chloride	< 0.5	S	Chloroform	< 0.5	
			Dibromochloromethane	< 0.5	

EPA Method 524.2

ELAP No.: 10709

Comments: S denotes LCS Spike recovery outside acceptable limits.
X denotes Exceeds Maximum Contamination Limit.

Approved By: _____

Bruce Hoogesteger, Technical Director

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 11-0806

PARADIGM
ENVIRONMENTAL SERVICES, INC.
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LABORATORY REPORT PURGEABLE ORGANIC COMPOUNDS

Client: Conrad Geoscience
Client Job Site: Apple Valley Shopping Center LaGrange, NY
Client Job No.: AL030070
Field Location: RW-1

Lab Project No.: 11-0806
Lab Sample No.: 3048
Sample Type: Water
Date Sampled: 02/28/11
Date Received: 03/01/11
Date Analyzed: 03/03/11

VOLATILE HALOCARBONS	RESULTS (ug/L)		VOLATILE AROMATICS	RESULTS (ug/L)	
Bromochloromethane	< 10		Benzene	< 10	
Bromomethane	< 10		Bromobenzene	< 10	
Carbon Tetrachloride	< 10	S	n-Butylbenzene	< 10	S
Chloroethane	< 20		sec-Butylbenzene	< 10	
Chloromethane	< 10		tert-Butylbenzene	< 10	
1,2-Dibromomethane	< 10		Chlorobenzene	< 10	
Dibromomethane	< 10		2-Chlorotoluene	< 10	
1,2-Dibromo-3-Chloropropane	< 10		4-Chlorotoluene	< 10	
Dichlorodifluoromethane	< 10		1,2-Dichlorobenzene	< 10	S
1,1-Dichloroethane	< 10		1,3-Dichlorobenzene	< 10	
1,2- Dichloroethane	< 10		1,4-Dichlorobenzene	< 10	
1,1-Dichloroethene	< 10	S	Ethyl Benzene	< 10	
cis- 1,2-Dichloroethene	< 10		Hexachlorobutadiene	< 10	
trans-1,2-Dichloroethene	< 10		Isopropylbenzene	< 10	
1,2 - Dichloropropane	< 10		4-Isopropyltoluene	< 10	S
1,3-Dichloropropane	< 10		Naphthalene	< 10	
2,2-Dichloropropane	< 10		n-Propylbenzene	< 10	
1,1- Dichloropropene	< 10		Styrene	< 10	
cis-1,3-Dichloropropene	< 10		Toluene	< 10	
trans-1,3-Dichloropropene	< 10		1,2,3-Trichlorobenzene	< 10	S
Methylene Chloride	< 10	S	1,2,4-Trichlorobenzene	< 10	S
1,1,1,2-Tetrachloroethane	< 10		1,2,4-Trimethylbenzene	< 10	
1,1,2,2-Tetrachloroethane	< 10		1,3,5-Trimethylbenzene	< 10	
Tetrachloroethene	260	X	m,p-Xylene	< 10	
1,1,1-Trichloroethane	< 10		o-Xylene	< 10	
1,1,2-Trichloroethane	< 10		Methyl-t-Butyl Ether	< 40	
Trichloroethene	< 10		**Trihalomethanes**		
Trichlorofluoromethane	< 10	S	Bromodichloromethane	< 10	
1,2,3-Trichloropropane	< 10		Bromoform	< 10	
Vinyl Chloride	< 10	S	Chloroform	< 10	
			Dibromochloromethane	< 10	

EPA Method 524.2 ELAP No.: 10709

Comments: S denotes LCS Spike recovery outside acceptable limits.
X denotes Exceeds Maximum Contamination Limit.

Approved By: _____
Bruce Hoogesteger, Technical Director

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179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

LABORATORY REPORT PURGEABLE ORGANIC COMPOUNDS

Client: Conrad Geoscience
Client Job Site: Apple Valley Shopping Center LaGrange, NY
Client Job No.: AL030070
Field Location: RW-2

Lab Project No.: 11-0806
Lab Sample No.: 3049
Sample Type: Water
Date Sampled: 02/28/11
Date Received: 03/01/11
Date Analyzed: 03/03/11

VOLATILE HALOCARBONS	RESULTS (ug/L)		VOLATILE AROMATICS	RESULTS (ug/L)	
Bromochloromethane	< 100		Benzene	< 100	
Bromomethane	< 100		Bromobenzene	< 100	
Carbon Tetrachloride	< 100	S	n-Butylbenzene	< 100	S
Chloroethane	< 200		sec-Butylbenzene	< 100	
Chloromethane	< 100		tert-Butylbenzene	< 100	
1,2-Dibromomethane	< 100		Chlorobenzene	< 100	
Dibromomethane	< 100		2-Chlorotoluene	< 100	
1,2-Dibromo-3-Chloropropane	< 100		4-Chlorotoluene	< 100	
Dichlorodifluoromethane	< 100		1,2-Dichlorobenzene	< 100	S
1,1-Dichloroethane	< 100		1,3-Dichlorobenzene	< 100	
1,2- Dichloroethane	< 100		1,4-Dichlorobenzene	< 100	
1,1-Dichloroethene	< 100	S	Ethyl Benzene	< 100	
cis- 1,2-Dichloroethene	< 100		Hexachlorobutadiene	< 100	
trans-1,2-Dichloroethene	< 100		Isopropylbenzene	< 100	
1,2 - Dichloropropane	< 100		4-Isopropyltoluene	< 100	S
1,3-Dichloropropane	< 100		Naphthalene	< 100	
2,2-Dichloropropane	< 100		n-Propylbenzene	< 100	
1,1- Dichloropropene	< 100		Styrene	< 100	
cis-1,3-Dichloropropene	< 100		Toluene	< 100	
trans-1,3-Dichloropropene	< 100		1,2,3-Trichlorobenzene	< 100	S
Methylene Chloride	< 100	S	1,2,4-Trichlorobenzene	< 100	S
1,1,1,2-Tetrachloroethane	< 100		1,2,4-Trimethylbenzene	< 100	
1,1,2,2-Tetrachloroethane	< 100		1,3,5-Trimethylbenzene	< 100	
Tetrachloroethene	3050	X	m,p-Xylene	< 100	
1,1,1-Trichloroethane	< 100		o-Xylene	< 100	
1,1,2-Trichloroethane	< 100		Methyl-t-Butyl Ether	< 400	
Trichloroethene	< 100		**Trihalomethanes**		
Trichlorofluoromethane	< 100	S	Bromodichloromethane	< 100	
1,2,3-Trichloropropane	< 100		Bromoform	< 100	
Vinyl Chloride	< 100	S	Chloroform	< 100	
			Dibromochloromethane	< 100	

EPA Method 524.2 ELAP No.: 10709

Comments: S denotes LCS Spike recovery outside acceptable limits.
X denotes Exceeds Maximum Contamination Limit.

Approved By: _____

Bruce Hoogesteger, Technical Director

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 11-0806

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

LABORATORY REPORT PURGEABLE ORGANIC COMPOUNDS

Client: Conrad Geoscience
Client Job Site: Apple Valley Shopping Center LaGrange, NY
Client Job No.: AL030070
Field Location: RW-3

Lab Project No.: 11-0806
Lab Sample No.: 3050
Sample Type: Water
Date Sampled: 02/28/11
Date Received: 03/01/11
Date Analyzed: 03/03/11

VOLATILE HALOCARBONS	RESULTS (ug/L)		VOLATILE AROMATICS	RESULTS (ug/L)	
Bromochloromethane	< 10		Benzene	< 10	
Bromomethane	< 10		Bromobenzene	< 10	
Carbon Tetrachloride	< 10	S	n-Butylbenzene	< 10	S
Chloroethane	< 20		sec-Butylbenzene	< 10	
Chloromethane	< 10		tert-Butylbenzene	< 10	
1,2-Dibromomethane	< 10		Chlorobenzene	< 10	
Dibromomethane	< 10		2-Chlorotoluene	< 10	
1,2-Dibromo-3-Chloropropane	< 10		4-Chlorotoluene	< 10	
Dichlorodifluoromethane	< 10		1,2-Dichlorobenzene	< 10	S
1,1-Dichloroethane	< 10		1,3-Dichlorobenzene	< 10	
1,2- Dichloroethane	< 10		1,4-Dichlorobenzene	< 10	
1,1-Dichloroethene	< 10	S	Ethyl Benzene	< 10	
cis- 1,2-Dichloroethene	40.0	X	Hexachlorobutadiene	< 10	
trans-1,2-Dichloroethene	< 10		Isopropylbenzene	< 10	
1,2 - Dichloropropane	< 10		4-Isopropyltoluene	< 10	S
1,3-Dichloropropane	< 10		Naphthalene	< 10	
2,2-Dichloropropane	< 10		n-Propylbenzene	< 10	
1,1- Dichloropropene	< 10		Styrene	< 10	
cis-1,3-Dichloropropene	< 10		Toluene	< 10	
trans-1,3-Dichloropropene	< 10		1,2,3-Trichlorobenzene	< 10	S
Methylene Chloride	< 10	S	1,2,4-Trichlorobenzene	< 10	S
1,1,1,2-Tetrachloroethane	< 10		1,2,4-Trimethylbenzene	< 10	
1,1,2,2-Tetrachloroethane	< 10		1,3,5-Trimethylbenzene	< 10	
Tetrachloroethene	438	X	m,p-Xylene	< 10	
1,1,1-Trichloroethane	< 10		o-Xylene	< 10	
1,1,2-Trichloroethane	< 10		Methyl-t-Butyl Ether	< 40	
Trichloroethene	51.0	X	**Trihalomethanes**		
Trichlorofluoromethane	< 10	S	Bromodichloromethane	< 10	
1,2,3-Trichloropropane	< 10		Bromoform	< 10	
Vinyl Chloride	< 10	S	Chloroform	< 10	
			Dibromochloromethane	< 10	

EPA Method 524.2 ELAP No.: 10709

Comments: S denotes LCS Spike recovery outside acceptable limits.
X denotes Exceeds Maximum Contamination Limit.

Approved By: _____
Bruce Hoogesteger, Technical Director

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

Client: Conrad Geoscience (EAH 3/1)

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY:	Paradigm Environmental	COMPANY:	Same
ADDRESS:	179 Lake Ave	ADDRESS:	
CITY: Rochester	STATE: NY ZIP: 14608	CITY:	STATE: ZIP:
PHONE: 585-647-2530	FAX: -3311	PHONE:	FAX:
ATTN:	Jane Daloia	ATTN:	
COMMENTS:	Please return orders to Conrad Geoscience		

PROJECT NAME/SITE NAME: Apple Valley Shopping Ctr - LaGrange, NY

LAB PROJECT #: 11-0806

CLIENT PROJECT #: AL030070

TURNAROUND TIME: (WORKING DAYS) 10 - Day

☐ 1 ☐ 2 ☐ 3 ☐ 5 STD OTHER ☒

Quotation # JD110705

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	524.2	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/28/11	1458		X	AVS-EFF	GW	3	X		3046
2	↓	1503		↓	AV-2	↓	↓	↓		3047
3	↓	1507		↓	RW-1	↓	↓	↓		3048
4	↓	1512		↓	RW-2	↓	↓	↓		3049
5	↓	1517		↓	RW-3	↓	↓	↓		3050
6									Above samples sent directly to sub lab by client EAH 3/1	
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

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

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

Sampled By: [signature] Date/Time: 2-28-11 / 1517

Relinquished By: [signature] Date/Time: 2-28-11 / 1700

Received By: Date/Time:

Received @ Lab By: Elizabeth A. Honch Date/Time: 3/1/11 1210

Total Cost:

P.I.F.

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

110301010

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY:	Paradigm Environmental	COMPANY:	Same		AL03070
ADDRESS:	179 Lake Ave	ADDRESS:			
CITY:	Rochester STATE: NY ZIP: 14608	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE:	585-647-2530 FAX: -3311	PHONE:	FAX:	10-Day STD	OTHER
ATTN:	Jane Dalaia	ATTN:		1 2 3 5	X
COMMENTS:	Please return coder to Conrad Geoscience			Quotation #	JD110705

PROJECT NAME/SITE NAME: Apple Valley Shopping Center - LaGange, NY

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	524.2	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/28/11	1458		X	AVS-EFF	GW	3	X		001
2	↓	1503		↓	AV-2	↓	↓	↓		002
3		1507			RW-1					003
4		1512			RW-2					004
5	↓	1517		↓	RW-3	↓	↓	↓		005
6										
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

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

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☑	N ☐
Comments:		
Holding Time:	Y ☑	N ☐
Comments:		
Temperature: 5°C	Y ☐	N ☐
Comments:		

Sampled By	2-28-11 / 1517 Date/Time	Total Cost:
Relinquished By	2-28-11 / 1700 Date/Time	
Received By	Fedex Date/Time	P.I.F.
Received @ Lab By	3-1-11 10:10 AM Date/Time	

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

Conrad Geoscience

For Lab Project # 11-0846
Issued March 17, 2011
This report contains a total of 6 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/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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

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

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

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"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.

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

LABORATORY REPORT PURGEABLE ORGANIC COMPOUNDS

Client: Conrad Geoscience
Client Job Site: Alben Residence - LaGrange
Client Job No.: AL030071
Field Location: Alben (Lot 11) - Post

Lab Project No.: 11-0846
Lab Sample No.: 3149
Sample Type: Drinking Water
Date Sampled: 03/03/11
Date Received: 03/04/11
Date Analyzed: 03/10/11

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

EPA Method 524.2 ELAP No.: 10709

Comments: S denotes LCS Spike recovery outside acceptable limits

Approved By: _____
Bruce Hoogesteger, Technical Director

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 11-0846

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

LABORATORY REPORT PURGEABLE ORGANIC COMPOUNDS

Client: Conrad Geoscience
Client Job Site: Alben Residence - LaGrange
Client Job No.: AL030071
Field Location: Alben (Lot 11) - Mid

Lab Project No.: 11-0846
Lab Sample No.: 3150
Sample Type: Drinking Water
Date Sampled: 03/03/11
Date Received: 03/04/11
Date Analyzed: 03/10/11

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

EPA Method 524.2
ELAP No.: 10709

Comments: S denotes LCS Spike recovery outside acceptable limits.

Approved By: _____

Bruce Hoogesteger, Technical Director

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File ID: Conrad 11-0846

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

LABORATORY REPORT PURGEABLE ORGANIC COMPOUNDS

Client: Conrad Geoscience
Client Job Site: Alben Residence - LaGrange
Client Job No.: AL030071
Field Location: Alben (Lot 11) - Pre

Lab Project No.: 11-0846
Lab Sample No.: 3151
Sample Type: Drinking Water
Date Sampled: 03/03/11
Date Received: 03/04/11
Date Analyzed: 03/10/11

VOLATILE HALOCARBONS	RESULTS (ug/L)		VOLATILE AROMATICS	RESULTS (ug/L)	
Bromochloromethane	< 0.5		Benzene	< 0.5	
Bromomethane	< 0.5		Bromobenzene	< 0.5	
Carbon Tetrachloride	< 0.5		n-Butylbenzene	< 0.5	
Chloroethane	< 1.0		sec-Butylbenzene	< 0.5	
Chloromethane	< 0.5		tert-Butylbenzene	< 0.5	
1,2-Dibromomethane	< 0.5		Chlorobenzene	< 0.5	
Dibromomethane	< 0.5		2-Chlorotoluene	< 0.5	
1,2-Dibromo-3-Chloropropane	< 0.5		4-Chlorotoluene	< 0.5	
Dichlorodifluoromethane	< 0.5	S	1,2-Dichlorobenzene	< 0.5	
1,1-Dichloroethane	< 0.5		1,3-Dichlorobenzene	< 0.5	
1,2- Dichloroethane	< 0.5		1,4-Dichlorobenzene	< 0.5	
1,1-Dichloroethene	< 0.5		Ethyl Benzene	< 0.5	
cis- 1,2-Dichloroethene	1.1		Hexachlorobutadiene	< 0.5	
trans-1,2-Dichloroethene	< 0.5		Isopropylbenzene	< 0.5	
1,2 - Dichloropropane	< 0.5		4-Isopropyltoluene	< 0.5	
1,3-Dichloropropane	< 0.5		Naphthalene	< 0.5	S
2,2-Dichloropropane	< 0.5	S	n-Propylbenzene	< 0.5	
1,1- Dichloropropene	< 0.5		Styrene	< 0.5	
cis-1,3-Dichloropropene	< 0.5		Toluene	< 0.5	
trans-1,3-Dichloropropene	< 0.5		1,2,3-Trichlorobenzene	< 0.5	
Methylene Chloride	< 0.5		1,2,4-Trichlorobenzene	< 0.5	
1,1,1,2-Tetrachloroethane	< 0.5		1,2,4-Trimethylbenzene	< 0.5	
1,1,2,2-Tetrachloroethane	< 0.5		1,3,5-Trimethylbenzene	< 0.5	
Tetrachloroethene	1.4		m,p-Xylene	< 0.5	
1,1,1-Trichloroethane	< 0.5		o-Xylene	< 0.5	
1,1,2-Trichloroethane	< 0.5		Methyl-t-Butyl Ether	< 2.0	
Trichloroethene	1.2		**Trihalomethanes**		
Trichlorofluoromethane	< 0.5		Bromodichloromethane	< 0.5	
1,2,3-Trichloropropane	< 0.5		Bromoform	< 0.5	
Vinyl Chloride	< 0.5		Chloroform	< 0.5	
			Dibromochloromethane	< 0.5	

EPA Method 524.2
ELAP No.: 10709

Comments: S denotes LCS Spike recovery outside acceptable limits

Approved By: _____
Bruce Hoogesteger, Technical Director

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: Paradigm Environmental	COMPANY: Same	LAB PROJECT #: 11-0846 / CLIENT PROJECT #: AL030071
ADDRESS: 179 Lake Ave	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)
CITY: Rochester STATE: NY ZIP: 14608	CITY: STATE: ZIP:	
PHONE: 585-647-2530 FAX: -3311	PHONE: FAX:	STD ☐1 ☐2 ☐3 ☐5 OTHER 10
ATTN: Jane Daloia	ATTN:	
COMMENTS: Please return order to Conrad. Results to slarose@conradgeo.com		Quotation # JD110705

PROJECT NAME/SITE NAME: Allen Residence — LaGrange

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	524.2	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	3/3/11	8:12		X	Allen (lot 11) - Post	DW	3	X		3149
2	↓	819		↓	Allen (lot 11) - Mid	↓	1	↓		3450
3	↓	827		↓	Allen (lot 11) - Pre	↓	↓	↓		3151
4										
5									Above 3 samples	
6									sent directly	
7									to sub lab by	
8									client. EAH 3/3	
9										
10										

LAB USE ONLY BELOW THIS LINE

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

Receipt Parameter	NELAC Compliance
Container Type: Comments:	Y ☒ N ☐ ee EAH 3/3
Preservation: Comments:	Y ☐ N ☐
Holding Time: Comments:	Y ☐ N ☐
Temperature: Comments:	Y ☐ N ☐

Sampled By: [signature]	Date/Time: 3-3-11 / 827
Relinquished By: [signature]	Date/Time: 3-3-11 / 900
Received By: Elizabeth A. Honch	Date/Time: 3/3/11 1055
Received @ Lab By:	Date/Time:

Total Cost:

P.I.F.

1103040 3C

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

CHAIN OF CUSTODY

PARADIGM

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #: A1030071
ADDRESS:	179 Lake Ave	ADDRESS:			
CITY:	Rochester STATE: NY ZIP: 14608	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE:	585-647-2530 FAX: -3311	PHONE:	FAX:	STD / OTHER	
ATTN:	Jane Daloia	ATTN:		☐1 ☐2 ☐3 ☐5 ☒10	
COMMENTS:	Please return cooler to Conrad. Results to slarose@conradgeo.com			Quotation # JD110705	

PROJECT NAME/SITE NAME: Alben Residence – LaGrange

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	624.2									REMARKS	PARADIGM LAB SAMPLE NUMBER				
1	3/3/11	8:12		X	Alben (Lot 11) – Post	DW	3	X										001				
2	↓	8:19		↓	Alben (Lot 11) – Mid	↓	↓	↓										002				
3	↓	8:27		↓	Alben (Lot 11) – Pre	↓	↓	↓										003				
4																						
5																						
6																						
7																						
8																						
9																						
10																						

LAB USE ONLY BELOW THIS LINE

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

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature:	Y ☐	N ☐
Comments: 6°C		

Sampled By — Date/Time: 3-3-11 / 827

Relinquished By — Date/Time: 3-3-11 / 900

Total Cost:

Received By — Date/Time:

P.I.F.

Received @ Lab By — Date/Time: 3/4/11 12:15PM

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

Conrad Geoscience

For Lab Project # 11-0586
Issued February 18, 2011
This report contains a total of 4 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/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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

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

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

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"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.

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

LABORATORY REPORT PURGEABLE ORGANIC COMPOUNDS

Client: Conrad Geoscience
Client Job Site: Lipka Residence - LaGrange, NY
Client Job No.: AL030070
Field Location: Lipka

Lab Project No.: 11-0586
Lab Sample No.: 2471
Sample Type: Drinking Water
Date Sampled: 02/10/11
Date Received: 02/10/11
Date Analyzed: 02/10/11

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

EPA Method 524.2 ELAP No.: 10709

Comments: S denotes LCS Spike recovery outside acceptable limits.

Approved By: _____

Bruce Hoogesteger, Technical Director

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

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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Client: Conrad Geoscience (EAH 2/10)

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY:	Paradigm Environmental	COMPANY:	Same	11-0586	ALO30070
ADDRESS:	179 Lake Ave	ADDRESS:		TURNAROUND TIME: (WORKING DAYS)	
CITY:	Rochester STATE: NY ZIP: 14608	CITY: STATE: ZIP:		STD	OTHER
PHONE:	585-647-2530 FAX: -3311	PHONE: FAX:		☐ 1 ☐ 2 ☐ 3 ☐ 5	10
ATTN:	Jane Daloia	ATTN:			
PROJECT NAME/SITE NAME:	Lipka residence - LaGrange, NY	COMMENTS:	Please return cooler; results to slarose@conradgeo.com	Quotation #	JD110705

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	624.1										REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/10/11	8:25		X	Lipka	DW	3	X											2471
2																			
3																			
4																		Above Sample sent directly to Sub lab by Client. EAH 2/10	
5																			
6																			
7																			
8																			
9																			
10																			

LAB USE ONLY BELOW THIS LINE

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

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

Sampled/By — Date/Time: 2-10-11 / 8:25

Relinquished By — Date/Time: 2-10-11 / 10:00

Total Cost:

Received By — Date/Time

Received @ Lab By: Elizabeth A. Honch — Date/Time: 2/10/11 1130

P.I.F.

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

PARADIGM ENVIRONMENTAL SERVICES

CHAIN OF CUSTODY

110211010

REPORT TO:		INVOICE TO:			
COMPANY: Paradigm Environmental		COMPANY: Same		LAB PROJECT #:	CLIENT PROJECT #: ALO30070
ADDRESS: 179 Lake Ave		ADDRESS:			
CITY: Rochester STATE: NY ZIP: 14608		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: 585-647-2530 FAX: -3311		PHONE: FAX:		STD	OTHER
PROJECT NAME/SITE NAME: Lipka residence - LaGrange, NY	ATTN: Jane Daloia	ATTN:		☐ 1 ☐ 2 ☐ 3 ☐ 5	10
	COMMENTS: Please return cooler; results to slarose@conradgeo.com			Quotation # JDi10705	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	524.2									REMARKS	PARADIGM LAB SAMPLE NUMBER				
1	2/10/11	8:25		X	Lipka	DW	3	X												0	0	1
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

LAB USE ONLY BELOW THIS LINE

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

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature: 2°	Y ☐	N ☐
Comments:		

Sampled By: [signature] Date/Time: 2-10-11 / 8:25

Relinquished By: [signature] Date/Time: 2-10-11 / 10:00

Received By: Fedex Date/Time:

Received @ Lab By: [signature] Date/Time: 2-11-11 10:36 am

Total Cost:

P.I.F