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

April 29, 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: **1st Quarter 2008 Groundwater Monitoring Report;**
Apple Valley Shopping Center Superfund Site, LaGrange, New York;
Index No. II-CERCLA-10224;
NYSDEC Site #3-14-084;
Conrad Geoscience File #AL030070

Dear Mr. MacCabe:

During February 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, as summarized herein.

QUARTERLY GROUNDWATER MONITORING

On February 28, 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). On March 26, 2008, Groundwater samples were also collected from Monitoring Well MW-5. Depth-to-water measurements were recorded from the top of each well casing and a groundwater contour map was prepared based on these measurements (Figure 3).

In accordance with the approved IRM Work Plan, residential supply well sampling was conducted at the following residences: Lot 6, Lot 9, Lot 10, and Lot 11 (Figure 4).

Recovery Well and Monitoring Well Sampling

Recovery well water samples were collected via in-line sample ports ahead of the air stripper. Air stripper effluent samples were collected from the treated discharge pipe.

Prior to sampling, Conrad Geoscience purged Monitoring Well MW-5 following USEPA protocol for low-flow (minimal draw-down) groundwater sampling until physical parameters stabilized. Water quality parameters were monitored using an In-Situ® Troll 9500 water quality

meter. Water samples were collected from the monitoring well using a bladder pump and dedicated polyethylene tubing to fill laboratory provided containers.

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

Residential Supply Well Sampling

According to the approved IRM Work Plan, the water supply for seven residences of the Woodbridge Estates Subdivision are to be monitored on a semi-annual basis, assuming access is granted. Lot 8 was removed from the monitoring program in August 2007 and Lots 12 and 13 were removed from the monitoring program in January 2008. Prior to sampling, Conrad Geoscience contacted the four remaining residents whose supply wells are to be monitored: Lot 6; Lot 9; Lot 10; and Lot 11 (Figure 4). Despite the availability of public drinking water, granular activated carbon (GAC) filtration systems are installed and in operation at Lots 10 and 11. All four 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. Samples were collected at each residence as follows:

- Lot 6: Water sample collected from spigot at pressure tank, before water softener.
- Lot 9: Water sample collected from spigot at pressure tank, before water softener.
- Lot 10: Untreated water sample collected before first GAC filtration canister. Mid-treatment sample collected from sample port between two GAC filtration canisters. Post-treatment sample collected from sample port after two GAC filtration canisters.
- Lot 11: Untreated water sample collected from spigot at pressure tank, before 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

Monitoring Wells and 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 (1,432.4 µg/l)
- RW-2 (4,776.5 µg/l)
- RW-3 (770.7 µg/l)
- AV-2 (162.9 µg/l)
- MW-5 (0.7 µg/l)

The total COC concentration for AVS-EFF was 2.8 µg/l. Based on mass loading and measured effluent concentrations of COCs, the air stripper was performing at a 99.96% removal efficiency.

Residential Supply Wells

Sample results for COCs are summarized in Table 2. Analytical reports are attached. Total COC concentrations for untreated samples at each residence are as follows:

- Lot 6 (11.7 µg/l)
- Lot 9 (4.4 µg/l)
- Lot 10 (40 µg/l)
- Lot 11 (23.5 µg/l)

The total COC concentration for the mid-treatment sample at Lot 10 was 0 µg/l, and 0.6 µg/l in the post-treatment sample.

The total COC concentration for the mid-treatment sample at Lot 11 was 3.8 µg/l, and 23.4 µg/l in the post-treatment sample.

DISCUSSION

Recovery Wells

The February 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 November 2007 groundwater monitoring data.

Monitoring Wells

In comparison to the August 2007 monitoring results, the March 2008 groundwater data indicate a decrease in total COCs in Monitoring Well MW-5.

Residential Wells

Because breakthrough was detected after the two GAC filtration canisters at Lot 10 and between and after the two GAC filtration canisters at Lot 11, Conrad Geoscience made arrangements to have the GAC replaced at each residence.

The February 2008 groundwater data indicate an increase in total COC concentrations at residential Lot 6 in comparison to the August 2007 groundwater monitoring data. PCE in the Lot 6 well was present at a concentration of 9.8 µg/l.

The February 2008 groundwater data indicate a slight increase in total COC concentrations at residential Lot 9 in comparison to the August 2007 groundwater monitoring data.

The February 2008 groundwater data indicate an increase in total COC concentrations in residential Lot 10 at comparison to the August 2007 groundwater monitoring data.

The February 2008 groundwater data indicate an increase in total COC concentrations in residential Lot 11 at comparison to the August 2007 groundwater monitoring data.

SCHEDULE

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

Sincerely,

CONRAD GEOSCIENCE CORP.

Brian P. Goodwin

Brian P. Goodwin
Hydrogeologist

BPG/acj

attachments

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

SITE

Manchester Bridge

L A G R A N G E

Miles

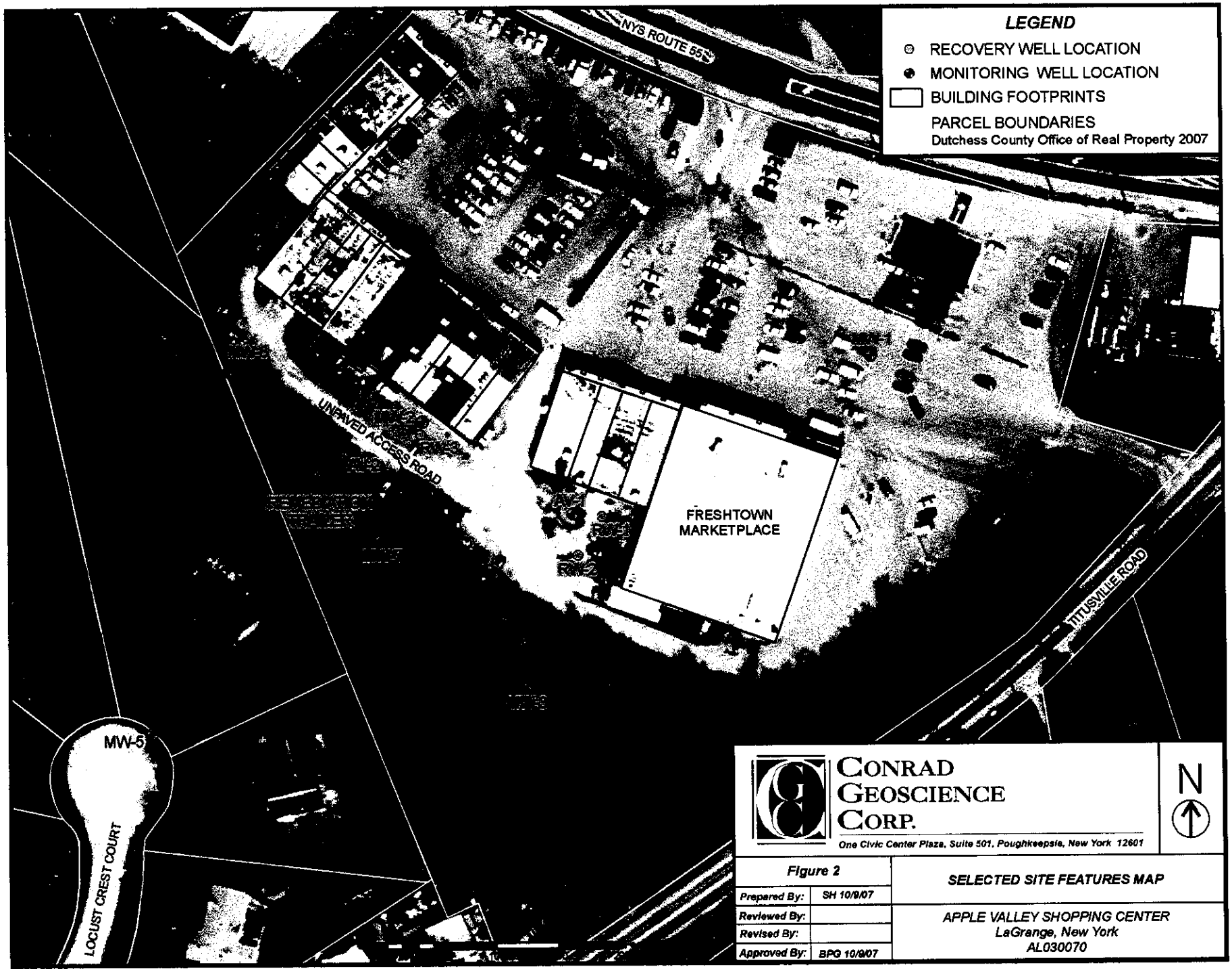
0 0.5 1 2

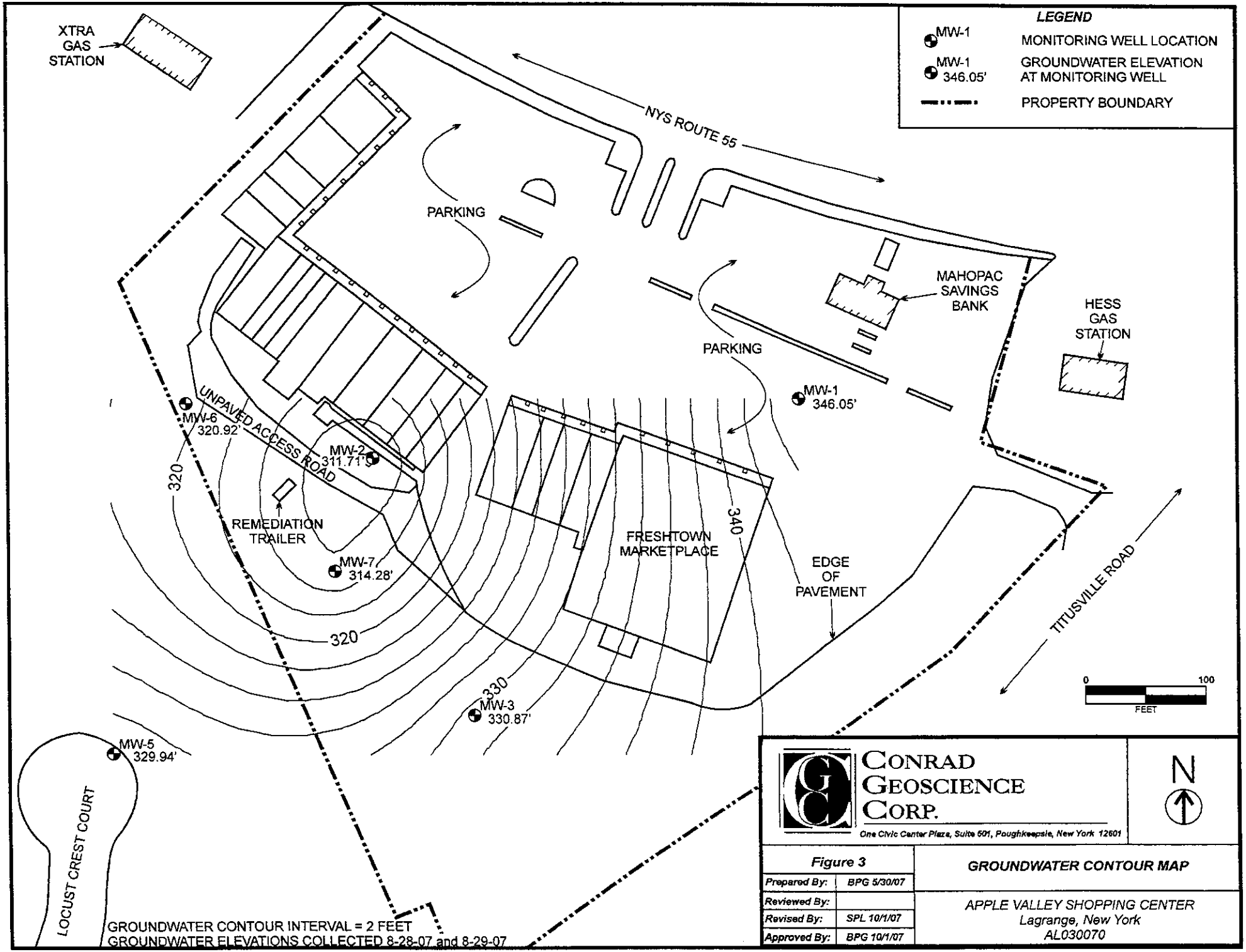
CONRAD GEOSCIENCE CORP.

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

N

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

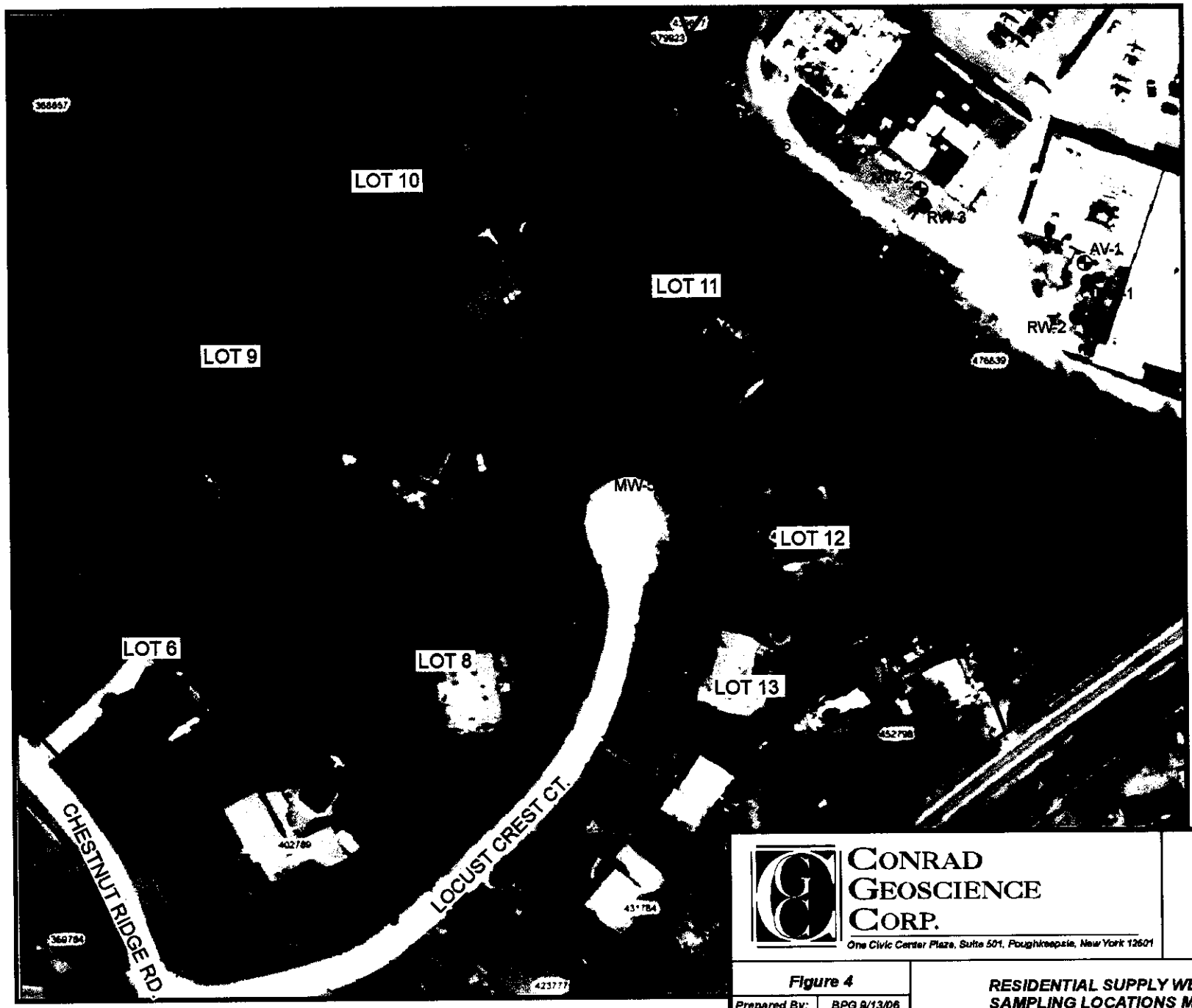

LEGEND
RECOVERY WELL LOCATION
MONITORING WELL LOCATION
BUILDING FOOTPRINTS
PARCEL BOUNDARIES
Dutchess County Office of Real Property 2007
NYS ROUTE 55
UNPAVED ACCESS ROAD
FRESHTOWN MARKETPLACE
TITUSVILLE ROAD
MW-5
LOCUST CREST COURT
CONRAD GEOSCIENCE CORP.
One Civic Center Plaza, Suite 501, Poughkeepsie, New York 12601
N
Figure 2
SELECTED SITE FEATURES 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



CONRAD GEOSCIENCE CORP.

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

Figure 3		GROUNDWATER CONTOUR MAP
Prepared By:	BPG 5/30/07	
Reviewed By:		APPLE VALLEY SHOPPING CENTER Lagrange, New York AL030070
Revised By:	SPL 10/1/07	
Approved By:	BPG 10/1/07	



0 120
FEET

ALL LOCATIONS ARE APPROXIMATE

CONRAD GEOSCIENCE CORP.
One Civic Center Plaza, Suite 501, Poughkeepsie, New York 12601

N

Figure 4	
Prepared By:	BPG 9/13/06
Reviewed By:	
Revised By:	BPG 10/1/07
Approved By:	BPG 10/1/07

RESIDENTIAL SUPPLY WELL SAMPLING LOCATIONS MAP

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 March 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

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 March 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

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 March 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

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 March 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

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 March 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						
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

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 March 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-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
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
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

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 March 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
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
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

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 February 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						
Lot 6	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
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

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 February 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						
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 February 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						
Lot 11 Upstream	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
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.

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

Volatile Laboratory Analysis Report
For Drinking Water

Client: Conrad Geoscience
Client Job Site: Apple Valley Shopping Center, Lagrange, New York
Client Job No.: AL030070
Field Location: Lipka (Lot 6)

Lab Project No.: 08-0738
Lab Sample No.: 2925
Sample Type: Drinking Water
Date Sampled: 02/27/08
Date Received: 02/29/08
Date Analyzed: 03/04/08

VOLATILE HALOCARBONS	RESULTS (ug/l)
Bromochloromethane	ND<0.5
Bromomethane	ND<0.5
Carbon Tetrachloride	ND<0.5
Chloroethane	ND<1.0
Chloromethane	ND<0.5
1,2-Dibromoethane	ND<0.5
Dibromomethane	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<0.5
Dichlorodifluoromethane	ND<0.5
1,1-Dichloroethane	ND<0.5
1,2- Dichloroethane	ND<0.5
1,1-Dichloroethene	ND<0.5
cis- 1,2-Dichloroethene	1.3
trans-1,2-Dichloroethene	ND<0.5
1,2 - Dichloropropane	ND<0.5
1,3-Dichloropropane	ND<0.5
2,2-Dichloropropane	ND<0.5
1,1- Dichloropropene	ND<0.5
cis-1,3-Dichloropropene	ND<0.5
trans-1,3-Dichloropropene	ND<0.5
Methylene Chloride	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5
Tetrachloroethene	9.8 X
1,1,1-Trichloroethane	ND<0.5
1,1,2-Trichloroethane	ND<0.5
Trichloroethene	0.6
Trichlorofluoromethane	ND<0.5
1,2,3-Trichloropropane	ND<0.5
Vinyl Chloride	ND<0.5
trans-1,4-Dichloro-2-Butene	ND<0.5

VOLATILE AROMATICS	RESULTS (ug/l)
Benzene	ND<0.5
Bromobenzene	ND<0.5
n-Butylbenzene	ND<0.5
sec-Butylbenzene	ND<0.5
tert-Butylbenzene	ND<0.5
Chlorobenzene	ND<0.5
2-Chlorotoluene	ND<0.5
4-Chlorotoluene	ND<0.5
1,2-Dichlorobenzene	ND<0.5 S
1,3-Dichlorobenzene	ND<0.5 S
1,4-Dichlorobenzene	ND<0.5 S
Ethyl Benzene	ND<0.5
Hexachlorobutadiene	ND<0.5
Isopropylbenzene	ND<0.5
4-Isopropyltoluene	ND<0.5
Naphthalene	ND<0.5
n-Propylbenzene	ND<0.5
Styrene	ND<0.5
Toluene	ND<0.5
1,2,3-Trichlorobenzene	ND<0.5
1,2,4-Trichlorobenzene	ND<0.5
1,2,4-Trimethylbenzene	ND<0.5
1,3,5-Trimethylbenzene	ND<0.5
Xylenes, Total	ND<0.5
Methyl-t-Butyl Ether	ND<2.0
Trihalomethanes	
Bromodichloromethane	ND<0.5
Bromoform	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 Containment Level

Approved By Technical Director: _____
Bruce Hoogesteger

Chain of Custody provides additional sample information.

File ID: ConradDW524.2 08-0738

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

Conrad Geoscience

CHAIN OF CUSTODY

COMPANY: Paradigm Environmental	COMPANY: SAME	LAB PROJECT #: 08-0738	CLIENT PROJECT #: AL030070
ADDRESS: 179 Lake Ave	ADDRESS:		
CITY: Rochester STATE: NY ZIP: 14608	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS) 10-Day	
PHONE: 585-647-7530 FAX: -3311	PHONE: FAX:	☐ 1 ☐ 2 ☐ 3 ☐ STD ☐ 5 OTHER	
PROJECT NAME/SITE NAME: Apple Valley Shopping Center Lavarnne NY	ATTN: Jane Daloia		
	COMMENTS: Please return cooler.	QUOTE #: JD110705	

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	5247									REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2-27-08	852		X	Lipka (Lot 6)	GW	3	X										2925
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

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

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

Brian P. Doodiver 2-27-08 / 9:00
Sampled By Date/Time

Brian P. Doodiver 2-28-08 / 17:00
Relinquished By Date/Time

Received By Date/Time

Elizabeth A Honck 2/29/08 1350
Received @ Lab By Date/Time

Total Cost:

P.I.F.

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

Volatile Laboratory Analysis Report
For Drinking Water

Client:	Conrad Geoscience	**Lab Project No.:**	08-0964
		Lab Sample No.:	3699
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Drinking Water
Client Job No.:	AL030070	**Date Sampled:**	02/29/08
Field Location:	Gall (Lot 9)	**Date Received:**	03/04/08
		Date Analyzed:	03/10/08

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	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromoethane	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	1.9	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	1.5	Xylenes, Total	ND<0.5
1,1,1-Trichloroethane	ND<0.5	Methyl-t-Butyl Ether	ND<2.0
1,1,2-Trichloroethane	ND<0.5		
Trichloroethene	1.0	Trihalomethanes	
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
trans-1,4-Dichloro-2-Butene	ND<0.5	Dibromochloromethane	ND<0.5

EPA Method 524.2 NYS ELAP No.: 10709

Comments: ND denotes Non-Detected.

Approved By Technical Director: Bruce Hoogesteger

Chain of Custody provides additional sample information.

File ID: ConradDW524.2 08-0964

080304003

Adirondack

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

Conrad Geoscience

CHAIN OF CUSTODY

REPORT TO	INVOICE TO
COMPANY: PARADIGM Environmental Services	COMPANY: Same
ADDRESS: 179 Lake Avenue	ADDRESS:
CITY: Rochester STATE: NY ZIP: 14608	CITY: STATE: ZIP:
PHONE: 585 647 2530 FAX: 585 647 3311	PHONE: FAX:
ATTN: Jane Daloia	ATTN:
COMMENTS: Please return Coolers	

LAB PROJECT #: 08-0964
CLIENT PROJECT #: AL030070

TURNAROUND TIME: (WORKING DAYS)
10 Day STD OTHER
1 2 3 5

QUOTE #: JD110705

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

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	524.2	REMARKS	PARADIGM LAB SAMPLE NUMBER
										3699
1	2-29-08	12:28		X	Gall (Lot 9)	DW	3	✓		001
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 FedEx

Receipt Parameter	NELAC Compliance	
Container Type: unknown for Paradigm — Comments:	Y	N
Preservation: sent directly to sub lab by client — Comments:	Y	N
Holding Time: — Comments:	Y	N
Temperature: 9°C at Adk — Comments:	Y	N

Andrew Speers — Sampled By — 2/29/08 12:30 — Date/Time

Andrew Speers — Relinquished By — 3/03/08 7:56AM — Date/Time

Total Cost:

Received By — Date/Time

J. Mitchell — Received @ Lab By — 3/4/08 8:41Am — Date/Time

P.I.F.

Elizabeth A. Honch 3/19/08 1620

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

Volatile Laboratory Analysis Report
For Drinking Water

Client:	Conrad Geoscience	**Lab Project No.:**	08-0739
		Lab Sample No.:	2926
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Drinking Water
Client Job No.:	AL030070	**Date Sampled:**	02/28/08
Field Location:	Pierre (Lot 10) - Pre	**Date Received:**	02/29/08
		Date Analyzed:	03/04/08

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	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromoethane	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 S
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 S
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 S
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	15.8 X	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	12.1 X	Xylenes, Total	ND<0.5
1,1,1-Trichloroethane	ND<0.5	Methyl-t-Butyl Ether	3.2
1,1,2-Trichloroethane	ND<0.5		
Trichloroethene	12.1 X	Trihalomethanes	
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
trans-1,4-Dichloro-2-Butene	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 Containment Level

Approved By Technical Director: DRHocil (for)
Bruce Hoogesteger

Chain of Custody provides additional sample information.

File ID: ConradGW524.2 08-0739

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

Volatile Laboratory Analysis Report
For Drinking Water

Client: Conrad Geoscience
Client Job Site: Apple Valley Shopping Center, Lagrange, New York
Client Job No.: AL030070
Field Location: Pierre (Lot 10) - Mid

Lab Project No.: 08-0739
Lab Sample No.: 2927
Sample Type: Drinking Water
Date Sampled: 02/28/08
Date Received: 02/29/08
Date Analyzed: 03/04/08

VOLATILE HALOCARBONS	RESULTS (ug/l)
Bromochloromethane	ND<0.5
Bromomethane	ND<0.5
Carbon Tetrachloride	ND<0.5
Chloroethane	ND<1.0
Chloromethane	ND<0.5
1,2-Dibromoethane	ND<0.5
Dibromomethane	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<0.5
Dichlorodifluoromethane	ND<0.5
1,1-Dichloroethane	ND<0.5
1,2- Dichloroethane	ND<0.5
1,1-Dichloroethene	ND<0.5
cis- 1,2-Dichloroethene	ND<0.5
trans-1,2-Dichloroethene	ND<0.5
1,2 - Dichloropropane	ND<0.5
1,3-Dichloropropane	ND<0.5
2,2-Dichloropropane	ND<0.5
1,1- Dichloropropene	ND<0.5
cis-1,3-Dichloropropene	ND<0.5
trans-1,3-Dichloropropene	ND<0.5
Methylene Chloride	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5
Tetrachloroethene	ND<0.5
1,1,1-Trichloroethane	ND<0.5
1,1,2-Trichloroethane	ND<0.5
Trichloroethene	ND<0.5
Trichlorofluoromethane	ND<0.5
1,2,3-Trichloropropane	ND<0.5
Vinyl Chloride	ND<0.5
trans-1,4-Dichloro-2-Butene	ND<0.5

VOLATILE AROMATICS	RESULTS (ug/l)
Benzene	ND<0.5
Bromobenzene	ND<0.5
n-Butylbenzene	ND<0.5
sec-Butylbenzene	ND<0.5
tert-Butylbenzene	ND<0.5
Chlorobenzene	ND<0.5
2-Chlorotoluene	ND<0.5
4-Chlorotoluene	ND<0.5
1,2-Dichlorobenzene	ND<0.5 S
1,3-Dichlorobenzene	ND<0.5 S
1,4-Dichlorobenzene	ND<0.5 S
Ethyl Benzene	ND<0.5
Hexachlorobutadiene	ND<0.5
Isopropylbenzene	ND<0.5
4-Isopropyltoluene	ND<0.5
Naphthalene	ND<0.5
n-Propylbenzene	ND<0.5
styrene	ND<0.5
Toluene	ND<0.5
1,2,3-Trichlorobenzene	ND<0.5
1,2,4-Trichlorobenzene	ND<0.5
1,2,4-Trimethylbenzene	ND<0.5
1,3,5-Trimethylbenzene	ND<0.5
Xylenes, Total	ND<0.5
Methyl-t-Butyl Ether	ND<2.0
Trihalomethanes	
Bromodichloromethane	ND<0.5
Bromoform	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 Containment Level

Approved By Technical Director: (for)
Bruce Hoogesteger

Chain of Custody provides additional sample information.

File ID: ConradGW524.2 08-0739

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

Volatile Laboratory Analysis Report
For Drinking Water

Client: Conrad Geoscience
Client Job Site: Apple Valley Shopping Center, Lagrange, New York
Client Job No.: AL030070
Field Location: Pierre (Lot 10) - Post

Lab Project No.: 08-0739
Lab Sample No.: 2928
Sample Type: Drinking Water
Date Sampled: 02/28/08
Date Received: 02/29/08
Date Analyzed: 03/04/08

VOLATILE HALOCARBONS	RESULTS (ug/l)
Bromochloromethane	ND<0.5
Bromomethane	ND<0.5
Carbon Tetrachloride	ND<0.5
Chloroethane	ND<1.0
Chloromethane	ND<0.5
1,2-Dibromoethane	ND<0.5
Dibromomethane	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<0.5
Dichlorodifluoromethane	ND<0.5
1,1-Dichloroethane	ND<0.5
1,2- Dichloroethane	ND<0.5
1,1-Dichloroethene	ND<0.5
cis- 1,2-Dichloroethene	ND<0.5
trans-1,2-Dichloroethene	ND<0.5
1,2 - Dichloropropane	ND<0.5
1,3-Dichloropropane	ND<0.5
2,2-Dichloropropane	ND<0.5
1,1- Dichloropropene	ND<0.5
cis-1,3-Dichloropropene	ND<0.5
trans-1,3-Dichloropropene	ND<0.5
Methylene Chloride	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5
Tetrachloroethene	0.60
1,1,1-Trichloroethane	ND<0.5
1,1,2-Trichloroethane	ND<0.5
Trichloroethene	ND<0.5
Trichlorofluoromethane	ND<0.5
1,2,3-Trichloropropane	ND<0.5
Vinyl Chloride	ND<0.5
trans-1,4-Dichloro-2-Butene	ND<0.5

VOLATILE AROMATICS	RESULTS (ug/l)
Benzene	ND<0.5
Bromobenzene	ND<0.5
n-Butylbenzene	ND<0.5
sec-Butylbenzene	ND<0.5
tert-Butylbenzene	ND<0.5
Chlorobenzene	ND<0.5
2-Chlorotoluene	ND<0.5
4-Chlorotoluene	ND<0.5
1,2-Dichlorobenzene	ND<0.5 S
1,3-Dichlorobenzene	ND<0.5 S
1,4-Dichlorobenzene	ND<0.5 S
Ethyl Benzene	ND<0.5
Hexachlorobutadiene	ND<0.5
Isopropylbenzene	ND<0.5
4-Isopropyltoluene	ND<0.5
Naphthalene	ND<0.5
n-Propylbenzene	ND<0.5
styrene	ND<0.5
Toluene	ND<0.5
1,2,3-Trichlorobenzene	ND<0.5
1,2,4-Trichlorobenzene	ND<0.5
1,2,4-Trimethylbenzene	ND<0.5
1,3,5-Trimethylbenzene	ND<0.5
Xylenes, Total	ND<0.5
Methyl-t-Butyl Ether	ND<2.0
Trihalomethanes	
Bromodichloromethane	ND<0.5
Bromoform	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: (for)
Bruce Hoogesteger

Chain of Custody provides additional sample information.

File ID: ConradGW524.2 08-0739

Adirondack

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

CHAIN OF CUSTODY

Conrad Geoscience

COMPANY: Paradigm Environmental	COMPANY:	LAB PROJECT #: 08-0739	CLIENT PROJECT #: AL030070
ADDRESS: 179 Lake Ave	ADDRESS:	TURNAROUND TIME: (WORKING DAYS) 10-Day	
CITY: Rochester STATE: NY ZIP: 14608	CITY: STATE: ZIP:	☐1 ☐2 ☐3 ☐5 STD	OTHER ☐
PHONE: 585-647-2530 FAX: -3311	PHONE: FAX:		
ATTN: Jane Daloia	ATTN:	QUOTE #: JD110705	
COMMENTS: Please return cooler			

PROJECT NAME/SITE NAME: Apple Valley Shopping Ctr Lagrange, NY

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	524.2	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2-28-08	958		X	Pierre (Lot 10)-Pre	DW	3	X		2926
2	2-28-08	953		X	Pierre (Lot 10)-Mid	DW	3	X		2927
3	2-28-08	947		X	Pierre (Lot 10)-Post	DW	3	X		2928
4										
5										
6										
7										
8										
9										
10										

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

Receipt Parameter	NELAC Compliance	
Container Type: unknown-	Y ☐	N ☐
Comments:		
Preservation: cont. sent directly	Y ☐	N ☐
Comments:		
Holding Time: to sub lab by client	Y ☐	N ☐
Comments:		
Temperature:	Y ☐	N ☐
Comments:		

Brian P. Goodwin 2-28-08/10:00
Sampled By — Date/Time

Brian P. Goodwin 2-28-08/17:00
Relinquished By — Date/Time

Received By — Date/Time

Elizabeth A. Honck 2/29/08 1400
Received @ Lab By — Date/Time

Total Cost: ☐

P.I.F. ☐

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

Volatile Laboratory Analysis Report
For Drinking Water

Client:	Conrad Geoscience	**Lab Project No.:**	08-0741
		Lab Sample No.:	2934
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Drinking Water
Client Job No.:	AL030070	**Date Sampled:**	02/28/08
Field Location:	Alben (Lot 11) - Pre	**Date Received:**	02/29/08
		Date Analyzed:	03/04/08

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	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromoethane	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 S
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 S
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 S
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	2.0	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	20.2 X	Xylenes, Total	ND<0.5
1,1,1-Trichloroethane	ND<0.5	Methyl-t-Butyl Ether	ND<2.0
1,1,2-Trichloroethane	ND<0.5		
Trichloroethene	1.3	Trihalomethanes	
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
trans-1,4-Dichloro-2-Butene	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 Containment Level

Approved By Technical Director: _____
Bruce Hoogesteger

Chain of Custody provides additional sample information.

File ID: ConradDW524.2 08-0741

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

Volatile Laboratory Analysis Report
For Drinking Water

Client:	Conrad Geoscience	**Lab Project No.:**	08-0741
		Lab Sample No.:	2935
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Drinking Water
Client Job No.:	AL030070	**Date Sampled:**	02/28/08
Field Location:	Alben (Lot 11) - Mid	**Date Received:**	02/29/08
		Date Analyzed:	03/04/08

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	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromoethane	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 S
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 S
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 S
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	3.8	Xylenes, Total	ND<0.5
1,1,1-Trichloroethane	ND<0.5	Methyl-t-Butyl Ether	ND<2.0
1,1,2-Trichloroethane	ND<0.5		
Trichloroethene	ND<0.5	Trihalomethanes	
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
trans-1,4-Dichloro-2-Butene	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

Chain of Custody provides additional sample information.

File ID: ConradDW524.2 08-0741

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

Volatile Laboratory Analysis Report
For Drinking Water

Client:	Conrad Geoscience	**Lab Project No.:**	08-0741
		Lab Sample No.:	2936
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Drinking Water
Client Job No.:	AL030070	**Date Sampled:**	02/28/08
Field Location:	Alben (Lot 11) - Post	**Date Received:**	02/29/08
		Date Analyzed:	03/04/08

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	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromoethane	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 S
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 S
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 S
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	1.9	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	20.3 X	Xylenes, Total	ND<0.5
1,1,1-Trichloroethane	ND<0.5	Methyl-t-Butyl Ether	ND<2.0
1,1,2-Trichloroethane	ND<0.5		
Trichloroethene	1.2	Trihalomethanes	
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
trans-1,4-Dichloro-2-Butene	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 Containment Level

Approved By Technical Director: _____
Bruce Hoogesteger

Chain of Custody provides additional sample information.

File ID: ConradDW524.2 08-0741