Report hw. 314084.
2006-10-03. 3Q_
2006_GW_Report

CONRAD GEOSCIENCE CORP.
Environmental Scientists
www.conradgeo.com
8 Raymond Avenue, Poughkeepsie, New York 12603 • 845/454-2544 • fax: 845/454-2655

October 3, 2006

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: **3rd Quarter 2006 Groundwater Monitoring Report;**
Apple Valley Shopping Center Superfund Site, LaGrange, New York;
Index No. II-CERCLA-10224;
Conrad Geoscience File #AL030070

Dear Mr. MacCabe:

In August and September 2006, Conrad Geoscience Corp. continued the groundwater monitoring program at the Apple Valley Shopping Center (Figure 1) in accordance with the NYSDEC-approved Interim Remedial Measure (IRM) work plan dated July 2, 2004.

QUARTERLY GROUNDWATER MONITORING

On August 22 and 23, 2006, Conrad Geoscience collected groundwater samples from Monitoring Wells MW-1, MW-2, MW-3, MW-5, MW-6, MW-7, AV-1; and Recovery Wells RW-1, RW-2, RW-3 and AV-2 (Figure 2). A groundwater remediation system effluent sample was also collected (AVS-EFF). Depth-to-water measurements were recorded from the top of each well casing, and a groundwater contour map was prepared based on these measurements (Figure 3).

In accordance with the IRM work plan, residential supply well sampling was conducted at the following residences: Clark, Mann, Lipka, and Frinton (Figure 4).

Monitoring Well and Recovery Well Sampling

Prior to sampling, Conrad Geoscience purged each monitoring well 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 monitoring wells using a bladder pump and dedicated polyethylene tubing and dispensed into laboratory provided containers.

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

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

Residential Supply Well Sampling

Prior to sampling, Conrad Geoscience contacted the seven residences of the Woodbridge Estates Subdivision whose supply wells are to be monitored. According to the IRM work plan, seven residences are to be monitored on a semi-annual basis, assuming that access is granted. These residences are: Clark (Lot 10); Mann (Lot 8); Lipka (Lot 6); Frinton (Lot 12); Gall (Lot 9); Alben (Lot 11); and Chung (Lot 13).

Conrad Geoscience did not receive a response from the following residents: Gall (Lot 9); Alben (Lot 11); and Chung (Lot 13). Access to these residences was not provided and, therefore, well samples were not collected.

Granular activated carbon (GAC) filtration systems are installed and in operation at the Clark and Mann residences. The Lipka and Frinton residence do not have GAC filtration systems. A GAC filtration system was previously in use at the Frinton residence, but was removed approximately 8 to 10 years ago. 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, an additional sample was collected post-treatment to monitor the effectiveness of the GAC system. Samples were collected at each residence as follows:

- Clark Residence: Untreated water sample collected prior to first GAC filtration canister. Treated sample collected from sample port between two GAC filtration canisters.

- Mann Residence: Untreated water sample collected from spigot at pressure tank, prior to water softener and GAC filtration canisters. Treated water sample collected from sample port after two GAC filtration canisters.

- Lipka Residence: Water sample collected from spigot at pressure tank, prior to water softener.

- Frinton Residence: Water sample collected from outdoor spigot at rear of house. Water from this spigot bypasses the water softener.

Samples were labeled, packed on ice, and shipped via overnight delivery for analysis of VOCs via 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: MW-1 (0 µg/l); MW-2 (4,067.2 µg/l); MW-3 (4.3 µg/l); MW-5 (4.6 µg/l); MW-6 (3.7 µg/l); MW-7 (35.1 µg/l); AV-1 (11.7 µg/l); RW-1 (598 µg/l); RW-2 (14,353 µg/l); RW-3 (204.7 µg/l); and AV-2 (41.7 µg/l). The total COC concentration for AVS-EFF was 7.4 µg/l. Based on the mass loading and measured effluent concentrations of the COC, the air stripper was performing at a 100% removal efficiency.

Residential Supply Wells

Sample results for the COC are summarized in Table 2. Analytical reports are attached. Total COC concentrations for untreated samples at each residence are as follows: Clark (29.8 µg/l); Mann (0 µg/l); Lipka (5.4 µg/l); and Frinton (0 µg/l). The total COC concentration for the mid-treatment sample at the Clark residence was 23.4 µg/l. A post-treatment sample was not collected at the Clark residence. The total COC concentration for the post-treatment sample at the Mann residence was 0 µg/l.

DISCUSSION

The August 2006 groundwater data indicate a decrease in total COC in Monitoring Wells MW-1, MW-2, MW-6, MW-7 and AV-1 and an increase in total COC in Monitoring Wells MW-3 and MW-5 in comparison to the May 2006 groundwater monitoring data. The August 2006 groundwater data also indicate a decrease in total COC in Recovery Wells RW-3, and AV-2 and an increase in total COC in Recovery Wells RW-1 and RW-2 in comparison to the May 2006 groundwater monitoring data.

In an effort to reduce the tetrachloroethene concentration in the air stripper effluent, Conrad Geoscience made adjustments and modifications to the groundwater remediation system in June 2006. Adjustments and modifications included rerouting of the air stripper air discharge stack, adjusting the dampener on the blower, sealing a small hole in the air stripper, and installation of gate valves for more precise recovery well pumping rate control. In July 2006, Conrad Geoscience sampled the air stripper effluent to monitor the effect of the adjustments and modifications. Total COC concentrations in AVS-EFF was 1.7 µg/l (Table 1).

The air stripper removal efficiency was 100% in August 2006, suggesting that the elevated PCE concentration in the air stripper effluent is due to the high PCE present in Recovery Well RW-2 (14,100 µg/l).

Because breakthrough was detected between the two GAC filtration canisters at the Clark residence, the GAC in both canisters has been replaced with new GAC.

The next round of quarterly groundwater monitoring is scheduled for November 2006. The next round of residential supply well monitoring is scheduled for February 2007. If you have any questions, please do not hesitate to call.

Sincerely,

CONRAD GEOSCIENCE CORP.

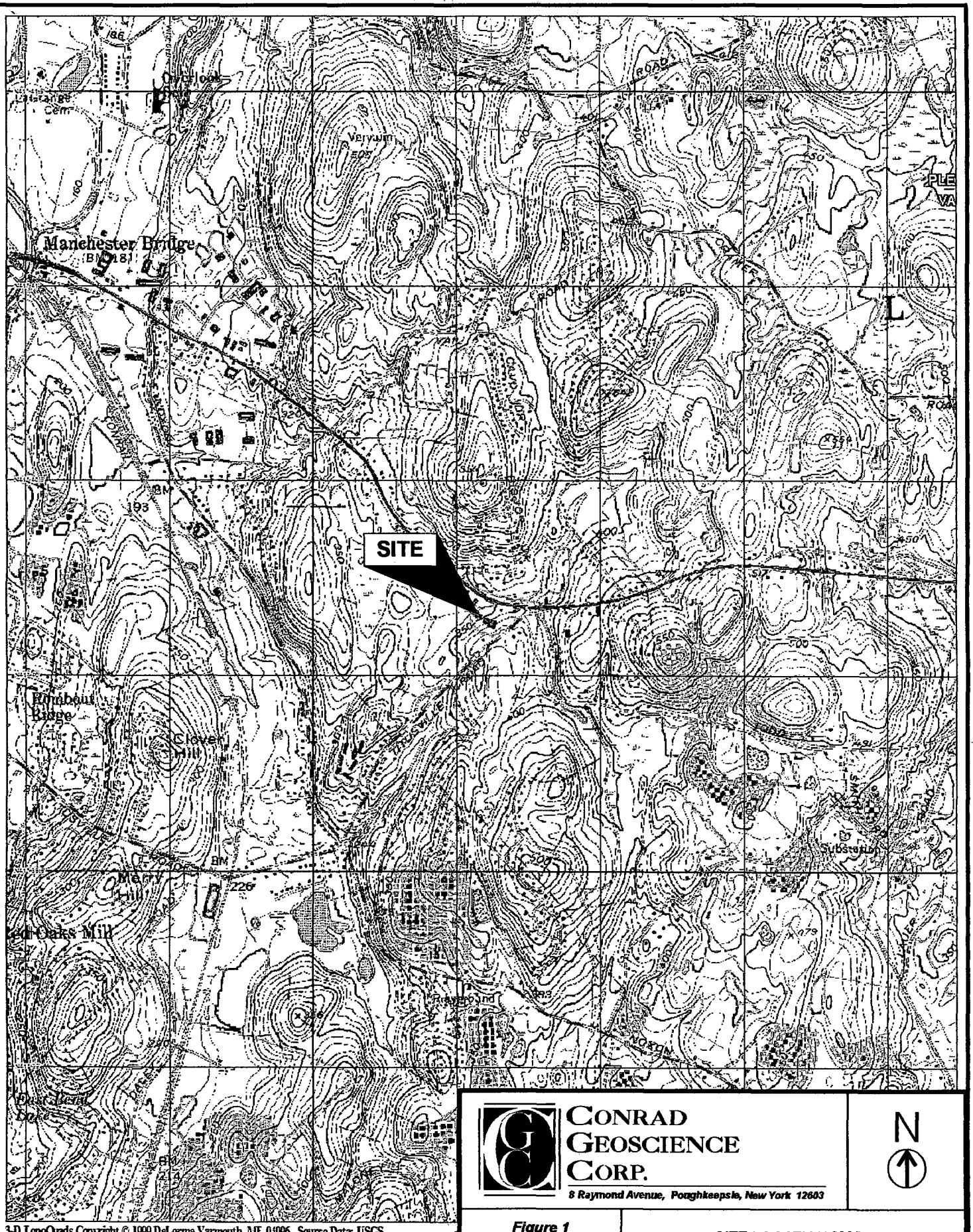
Brian P. Goodwin

Brian P. Goodwin
Geologist

BPG/seg

attachments

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



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS

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Figure 1		SITE LOCATION MAP
Prepared By:	BPG 2/9/05	
Reviewed By:		APPLE VALLEY SHOPPING CENTER Lagrange, New York AL030070
Revised By:		
Approved By:	BPG 2/9/05	

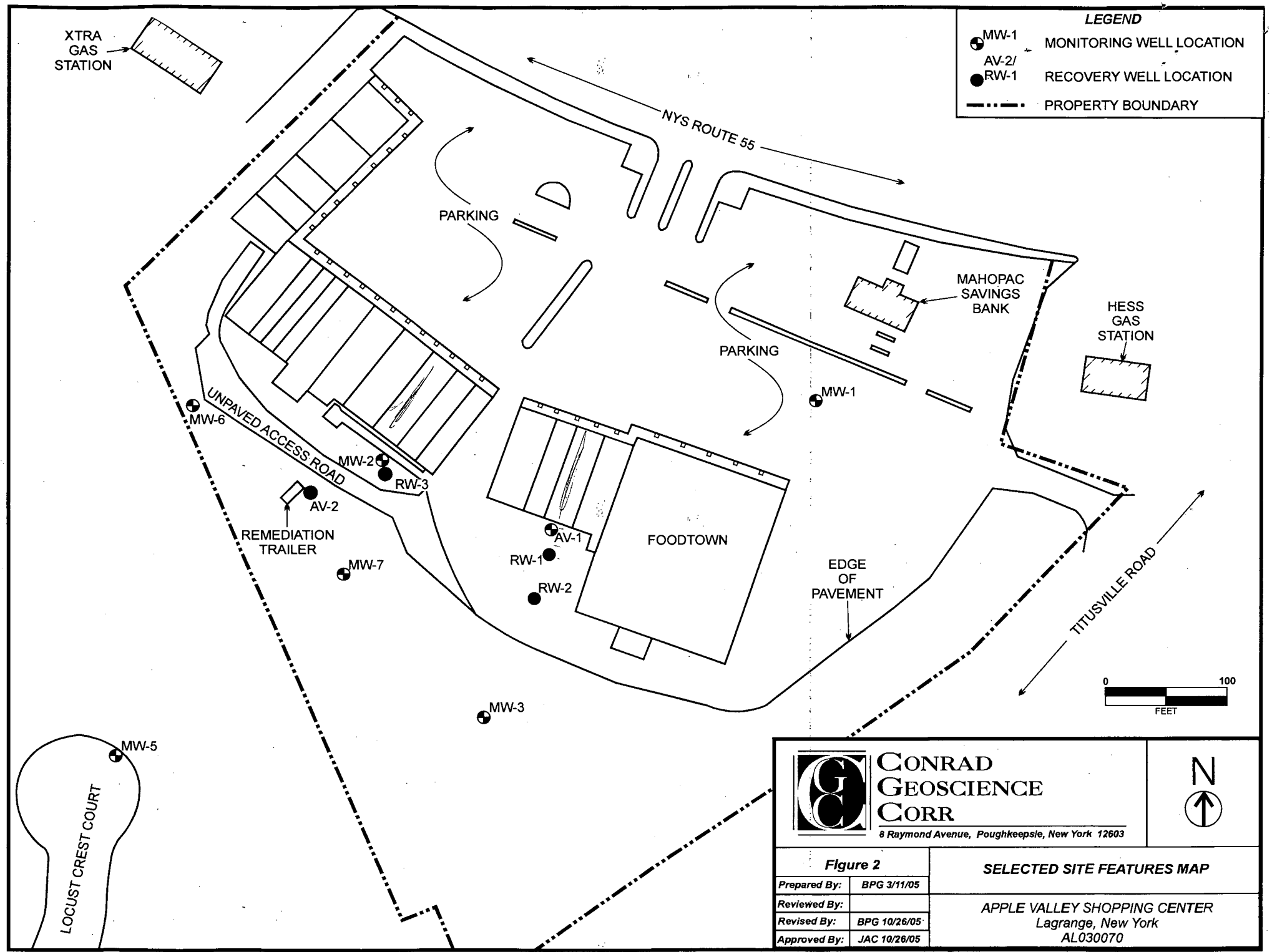

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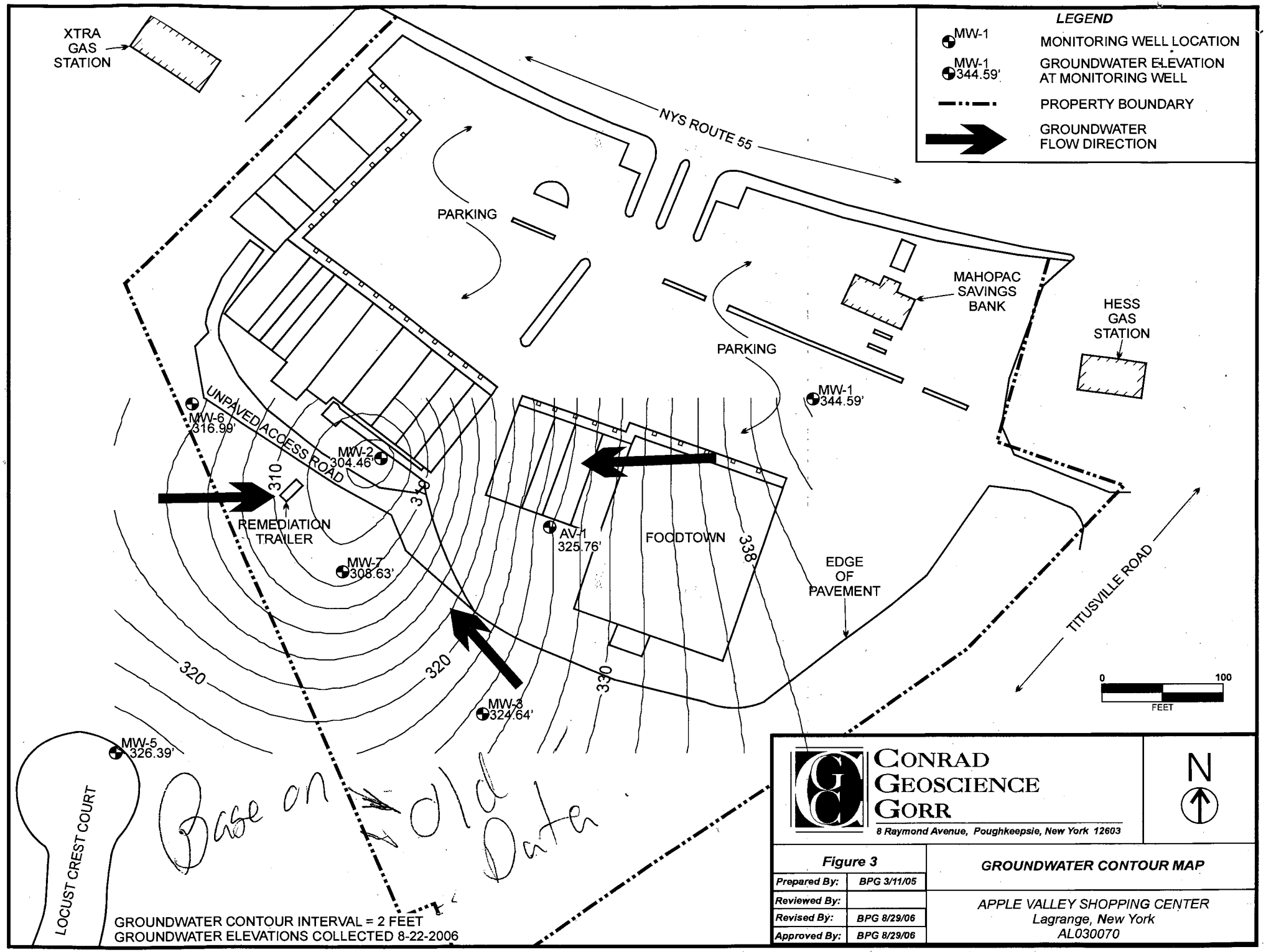
Figure 2		SELECTED SITE FEATURES MAP
Prepared By:	BPG 3/11/05	
Reviewed By:		APPLE VALLEY SHOPPING CENTER Lagrange, New York AL030070
Revised By:	BPG 10/26/05	
Approved By:	JAC 10/26/05	


LEGEND
MW-1
MONITORING WELL LOCATION
MW-1 344.59'
GROUNDWATER ELEVATION AT MONITORING WELL
PROPERTY BOUNDARY
GROUNDWATER FLOW DIRECTION
XTRA GAS STATION
NYS ROUTE 55
PARKING
PARKING
MAHOPAC SAVINGS BANK
HESS GAS STATION
MW-1 344.59'
MW-6 316.99'
UNPAVED ACCESS ROAD
MW-2 304.46'
310
330
REMEDIATION TRAILER
MW-7 308.63'
AV-1 325.76'
FOODTOWN
338
EDGE OF PAVEMENT
TITUSVILLE ROAD
320
320
330
MW-3 324.64'
0
100
FEET
MW-5 326.39'
LOCUST CREST COURT
Base on Old Data
GROUNDWATER CONTOUR INTERVAL = 2 FEET
GROUNDWATER ELEVATIONS COLLECTED 8-22-2006
CONRAD GEOSCIENCE GORR
8 Raymond Avenue, Poughkeepsie, New York 12603
N
Figure 3
GROUNDWATER CONTOUR MAP
Prepared By: BPG 3/11/05
Reviewed By:
Revised By: BPG 8/29/06
Approved By: BPG 8/29/06
APPLE VALLEY SHOPPING CENTER
Lagrange, New York
AL030070

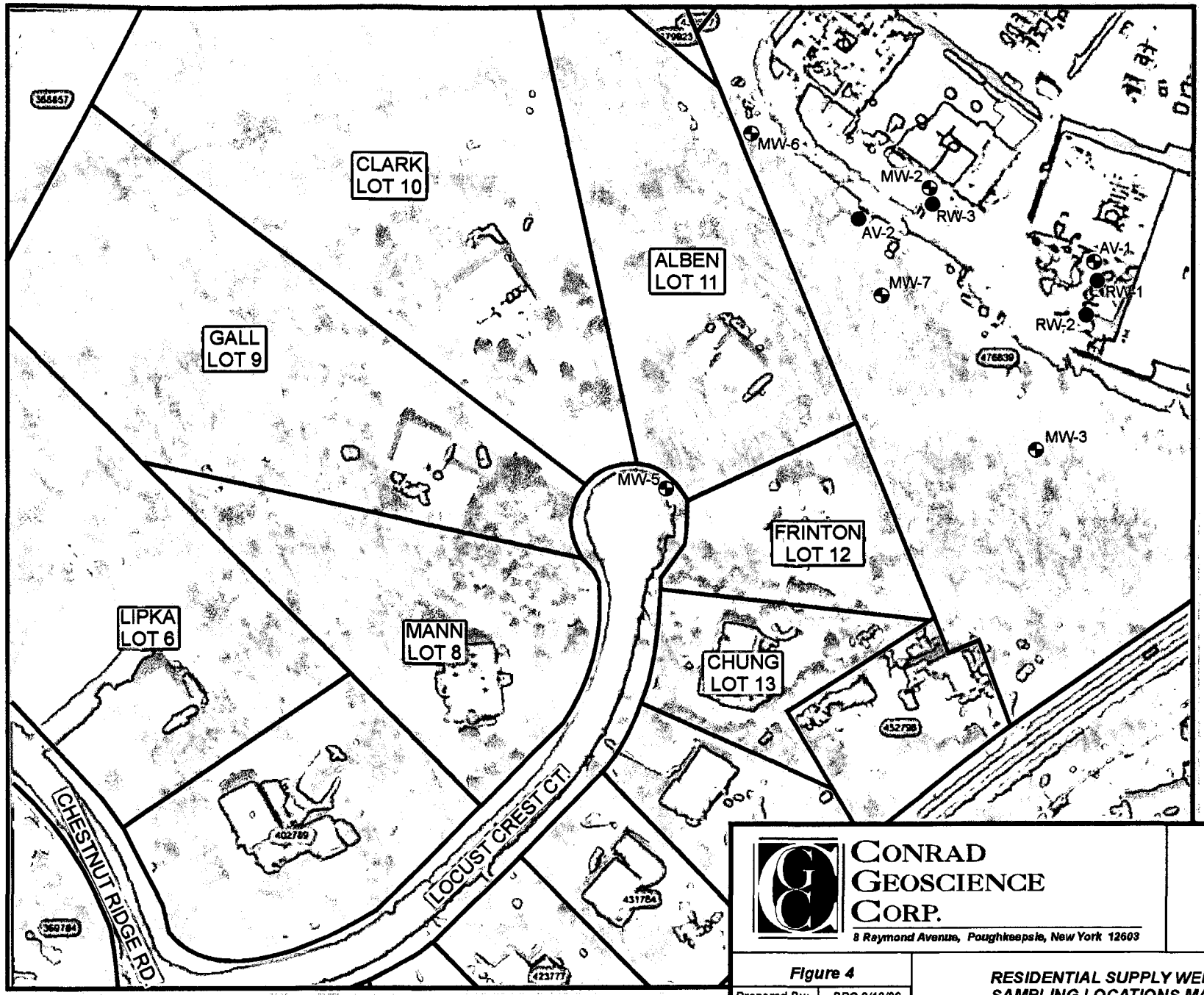


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Figure 4		RESIDENTIAL SUPPLY WELL SAMPLING LOCATIONS MAP
Prepared By:	BPG 9/13/06	
Reviewed By:		APPLE VALLEY SHOPPING CENTER Lagrange, New York AL030070
Revised By:		
Approved By:	BPG 9/13/06	

Table 1. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples; USEPA Method 524.2; collected January through August, 2006; 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
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
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
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
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**

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;
COC = Contaminants of concern.

Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;** USEPA Method 524.2; collected **January through August, 2006;** 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
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
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
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
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
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

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;
COC = Contaminants of concern.

Table 2. **Volatile Organic Compounds (VOCs) in Residential Supply Well Groundwater Samples;** USEPA Method 524.2; collected **September 2001 through September 2006;** Apple Valley **Shopping** Center, **LaGrange,** New York; Conrad Geoscience File #AL030070

Sample Identification	Dates Sampled	Chemical Constituent				
		Tetrachloroethene (5 µg/L[1])	Trichloroethene (5 pg/L[1])	cis-1,2-Dichloroethene (5 pg/L[1])	Vinyl Chloride (2 pg/L[1])	Total COC
Volatile Organic Compounds						
Clark Residence (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
Mann Residence (Lot 8) Upstream	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
Lipka Residence (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
Frinton Residence (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

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;
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	**Lab Project No.:**	06-2548
		Lab Sample No.:	8490
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/22/06
Field Location:	MW-1	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5 M	n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0 M	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 M
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
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0 M	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5	Xylenes, Total	ND<0.5
Tetrachloroethene	ND<0.5	Methyl-t-Butyl Ether	ND<2.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	**Trihalomethanes**	
Trichloroethene	ND<0.5	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	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: CONRAD524.2DW06-2548.xls

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.:**	06-2548
		Lab Sample No.:	8491
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/22/06
Field Location:	Mann - Pre	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5 M	n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0 M	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 M
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
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0 M	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5	Xylenes, Total	ND<0.5
Tetrachloroethene	ND<0.5	Methyl-t-Butyl Ether	ND<2.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	Trihalomethanes	
Trichloroethene	ND<0.5	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	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: CONRAD524.2DW06-2548.xls

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.:**	06-2548
		Lab Sample No.:	8492
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/22/06
Field Location:	Mann - Post	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5 M	n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0 M	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 M
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
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0 M	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5	Xylenes, Total	ND<0.5
Tetrachloroethene	ND<0.5	Methyl-t-Butyl Ether	ND<2.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	Trihalomethanes	
Trichloroethene	ND<0.5	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	1.0
Vinyl Chloride	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.

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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.:**	06-2548
		Lab Sample No.:	8493
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/22/06
Field Location:	MW-7	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5 M	n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0 M	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	8.7 M	Hexachlorobutadiene	ND<0.5
trans-1,2-Dichloroethene	ND<0.5	Isopropylbenzene	ND<0.5
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	14.1
cis-1,3-Dichloropropene	ND<2.0 M	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5	Xylenes, Total	ND<0.5
Tetrachloroethene	23.6	Methyl-t-Butyl Ether	ND<2.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	Trihalomethanes	
Trichloroethene	2.8	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	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.

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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.:**	06-2548
		Lab Sample No.:	8494
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/22/06
Field Location:	RW-1	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<10	Benzene	ND<2.5
Bromomethane	ND<2.5	Bromobenzene	ND<2.5
Carbon Tetrachloride	ND<2.5 M	n-Butylbenzene	ND<2.5
Chloroethane	ND<5.0	sec-Butylbenzene	ND<2.5
Chloromethane	ND<2.5	tert-Butylbenzene	ND<2.5
1,2-Dibromomethane	ND<2.5	Chlorobenzene	ND<2.5 M
Dibromomethane	ND<10	2-Chlorotoluene	ND<2.5
1,2-Dibromo-3-Chloropropane	ND<10 M	4-Chlorotoluene	ND<2.5
Dichlorodifluoromethane	ND<2.5	1,2-Dichlorobenzene	ND<2.5 M
1,1-Dichloroethane	ND<2.5	1,3-Dichlorobenzene	ND<2.5 M
1,2- Dichloroethane	ND<2.5	1,4-Dichlorobenzene	ND<2.5 M
1,1-Dichloroethene	ND<2.5	Ethyl Benzene	ND<2.5
cis- 1,2-Dichloroethene	8.6 M	Hexachlorobutadiene	ND<2.5
trans-1,2-Dichloroethene	ND<2.5	Isopropylbenzene	ND<2.5
trans-1,4-Dichloro-2-butene	ND<2.5	4-Isopropyltoluene	ND<2.5
1,2 - Dichloropropane	ND<2.5	Naphthalene	ND<2.5
1,3-Dichloropropane	ND<2.5	n-Propylbenzene	ND<2.5
2,2-Dichloropropane	ND<2.5	styrene	ND<2.5
1,1- Dichloropropene	ND<2.5	Toluene	ND<2.5
cis-1,3-Dichloropropene	ND<10 M	1,2,3-Trichlorobenzene	ND<10
trans-1,3-Dichloropropene	ND<2.5	1,2,4-Trichlorobenzene	ND<2.5
Methylene Chloride	6.2	1,2,4-Trimethylbenzene	ND<2.5
1,1,1,2-Tetrachloroethane	ND<2.5	1,3,5-Trimethylbenzene	ND<2.5
1,1,2,2-Tetrachloroethane	ND<2.5	Xylenes, Total	ND<2.5
Tetrachloroethene	583	Methyl-t-Butyl Ether	ND<10
1,1,1-Trichloroethane	ND<2.5		
1,1,2-Trichloroethane	7.4	Trihalomethanes	
Trichloroethene	6.4	Bromodichloromethane	ND<2.5
Trichlorofluoromethane	ND<2.5	Bromoform	ND<2.5
1,2,3-Trichloropropane	ND<2.5	Chloroform	ND<2.5
Vinyl Chloride	ND<2.5	Dibromochloromethane	ND<2.5

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.

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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.:**	06-2548
		Lab Sample No.:	8495
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/22/06
Field Location:	RW-2	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<200	Benzene	ND<50.0
Bromomethane	ND<50.0	Bromobenzene	ND<50.0
Carbon Tetrachloride	ND<50.0 M	n-Butylbenzene	ND<50.0
Chloroethane	ND<100	sec-Butylbenzene	ND<50.0
Chloromethane	ND<50.0	tert-Butylbenzene	ND<50.0
1,2-Dibromomethane	ND<50.0	Chlorobenzene	ND<50.0 M
Dibromomethane	ND<200	2-Chlorotoluene	ND<50.0
1,2-Dibromo-3-Chloropropane	ND<200 M	4-Chlorotoluene	ND<50.0
Dichlorodifluoromethane	ND<50.0	1,2-Dichlorobenzene	ND<50.0 M
1,1-Dichloroethane	ND<50.0	1,3-Dichlorobenzene	ND<50.0 M
1,2- Dichloroethane	ND<50.0	1,4-Dichlorobenzene	ND<50.0 M
1,1-Dichloroethene	ND<50.0	Ethyl Benzene	ND<50.0
cis- 1,2-Dichloroethene	177 M	Hexachlorobutadiene	ND<50.0
trans-1,2-Dichloroethene	ND<50.0	Isopropylbenzene	ND<50.0
trans-1,4-Dichloro-2-butene	ND<50.0	4-Isopropyltoluene	ND<50.0
1,2 - Dichloropropane	ND<50.0	Naphthalene	ND<50.0
1,3-Dichloropropane	ND<50.0	n-Propylbenzene	ND<50.0
2,2-Dichloropropane	ND<50.0	styrene	ND<50.0
1,1- Dichloropropene	ND<50.0	Toluene	ND<50.0
cis-1,3-Dichloropropene	ND<200 M	1,2,3-Trichlorobenzene	ND<200
trans-1,3-Dichloropropene	ND<50.0	1,2,4-Trichlorobenzene	ND<50.0
Methylene Chloride	103	1,2,4-Trimethylbenzene	ND<50.0
1,1,1,2-Tetrachloroethane	ND<50.0	1,3,5-Trimethylbenzene	ND<50.0
1,1,2,2-Tetrachloroethane	ND<50.0	Xylenes, Total	ND<50.0
Tetrachloroethene	14,100	Methyl-t-Butyl Ether	ND<200
1,1,1-Trichloroethane	ND<50.0		
1,1,2-Trichloroethane	206	Trihalomethanes	
Trichloroethene	76	Bromodichloromethane	ND<50.0
Trichlorofluoromethane	ND<50.0	Bromoform	ND<50.0
1,2,3-Trichloropropane	ND<50.0	Chloroform	ND<50.0
Vinyl Chloride	ND<50.0	Dibromochloromethane	ND<50.0

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.

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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.:**	06-2548
		Lab Sample No.:	8496
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/22/06
Field Location:	RW-3	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<10	Benzene	ND<2.5
Bromomethane	ND<2.5	Bromobenzene	ND<2.5
Carbon Tetrachloride	ND<2.5 M	n-Butylbenzene	ND<2.5
Chloroethane	ND<5.0	sec-Butylbenzene	ND<2.5
Chloromethane	ND<2.5	tert-Butylbenzene	ND<2.5
1,2-Dibromomethane	ND<2.5	Chlorobenzene	ND<2.5 M
Dibromomethane	ND<10	2-Chlorotoluene	ND<2.5
1,2-Dibromo-3-Chloropropane	ND<10 M	4-Chlorotoluene	ND<2.5
Dichlorodifluoromethane	ND<2.5	1,2-Dichlorobenzene	ND<2.5 M
1,1-Dichloroethane	ND<2.5	1,3-Dichlorobenzene	ND<2.5 M
1,2- Dichloroethane	ND<2.5	1,4-Dichlorobenzene	ND<2.5 M
1,1-Dichloroethene	ND<2.5	Ethyl Benzene	ND<2.5
cis- 1,2-Dichloroethene	34.1 M	Hexachlorobutadiene	ND<2.5
trans-1,2-Dichloroethene	ND<2.5	Isopropylbenzene	ND<2.5
trans-1,4-Dichloro-2-butene	ND<2.5	4-Isopropyltoluene	ND<2.5
1,2 - Dichloropropane	ND<2.5	Naphthalene	ND<2.5
1,3-Dichloropropane	ND<2.5	n-Propylbenzene	ND<2.5
2,2-Dichloropropane	ND<2.5	styrene	ND<2.5
1,1- Dichloropropene	ND<2.5	Toluene	ND<2.5
cis-1,3-Dichloropropene	ND<10 M	1,2,3-Trichlorobenzene	ND<10
trans-1,3-Dichloropropene	ND<2.5	1,2,4-Trichlorobenzene	ND<2.5
Methylene Chloride	9.0	1,2,4-Trimethylbenzene	ND<2.5
1,1,1,2-Tetrachloroethane	ND<2.5	1,3,5-Trimethylbenzene	ND<2.5
1,1,2,2-Tetrachloroethane	ND<2.5	Xylenes, Total	ND<2.5
Tetrachloroethene	151	Methyl-t-Butyl Ether	ND<10
1,1,1-Trichloroethane	ND<2.5		
1,1,2-Trichloroethane	ND<2.5	**Trihalomethanes**	
Trichloroethene	19.6	Bromodichloromethane	ND<2.5
Trichlorofluoromethane	ND<2.5	Bromoform	ND<2.5
1,2,3-Trichloropropane	ND<2.5	Chloroform	ND<2.5
Vinyl Chloride	ND<2.5	Dibromochloromethane	ND<2.5

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: CONRAD524.2DW06-2548.xls

RARADIGM
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.:**	06-2548
		Lab Sample No.:	8497
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/22/06
Field Location:	AV-2	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5 M	n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0 M	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	9.9 M	Hexachlorobutadiene	ND<0.5
trans-1,2-Dichloroethene	ND<0.5	Isopropylbenzene	ND<0.5
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0 M	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5	Xylenes, Total	ND<0.5
Tetrachloroethene	28.4	Methyl-t-Butyl Ether	3.3
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	Trihalomethanes	
Trichloroethene	3.4	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	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

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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.:**	06-2548
		Lab Sample No.:	8498
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/22/06
Field Location:	AV-EFF	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5 M	n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0 M	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 M
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	0.7
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0 M	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5	Xylenes, Total	ND<0.5
Tetrachloroethene	7.4	Methyl-t-Butyl Ether	ND<2.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	Trihalomethanes	
Trichloroethene	ND<0.5	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	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: CONRAD524.2DW06-2548.xls

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.:**	06-2548
		Lab Sample No.:	8499
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/22/06
Field Location:	MW-6	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5 M	n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0 M	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 M
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
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0 M	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5	Xylenes, Total	ND<0.5
Tetrachloroethene	3.7	Methyl-t-Butyl Ether	ND<2.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	Trihalomethanes	
Trichloroethene	ND<0.5	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	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: CONRAD524.2DW06-2548.xls

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.:**	06-2548
		Lab Sample No.:	8500
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/22/06
Field Location:	MW-2	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<40.0	Benzene	ND<10
Bromomethane	ND<10	Bromobenzene	ND<10
Carbon Tetrachloride	ND<10 M	n-Butylbenzene	ND<10
Chloroethane	ND<20.0	sec-Butylbenzene	ND<10
Chloromethane	ND<10	tert-Butylbenzene	ND<10
1,2-Dibromomethane	ND<10	Chlorobenzene	ND<10 M
Dibromomethane	ND<40.0	2-Chlorotoluene	ND<10
1,2-Dibromo-3-Chloropropane	ND<40.0 M	4-Chlorotoluene	ND<10
Dichlorodifluoromethane	ND<10	1,2-Dichlorobenzene	ND<10 M
1,1-Dichloroethane	ND<10	1,3-Dichlorobenzene	ND<10 M
1,2- Dichloroethane	ND<10	1,4-Dichlorobenzene	ND<10 M
1,1-Dichloroethene	ND<10	Ethyl Benzene	ND<10
cis- 1,2-Dichloroethene	943 M	Hexachlorobutadiene	ND<10
trans-1,2-Dichloroethene	ND<10	Isopropylbenzene	ND<10
trans-1,4-Dichloro-2-butene	ND<10	4-Isopropyltoluene	ND<10
1,2 - Dichloropropane	ND<10	Naphthalene	ND<10
1,3-Dichloropropane	ND<10	n-Propylbenzene	ND<10
2,2-Dichloropropane	ND<10	styrene	ND<10
1,1- Dichloropropene	ND<10	Toluene	ND<10
cis-1,3-Dichloropropene	ND<40.0 M	1,2,3-Trichlorobenzene	ND<40.0
trans-1,3-Dichloropropene	ND<10	1,2,4-Trichlorobenzene	ND<10
Methylene Chloride	27.6	1,2,4-Trimethylbenzene	ND<10
1,1,1,2-Tetrachloroethane	ND<10	1,3,5-Trimethylbenzene	ND<10
1,1,2,2-Tetrachloroethane	ND<10	Xylenes, Total	ND<10
Tetrachloroethene	2,710	Methyl-t-Butyl Ether	ND<40.0
1,1,1-Trichloroethane	ND<10		
1,1,2-Trichloroethane	30.8	Trihalomethanes	
Trichloroethene	390	Bromodichloromethane	ND<10
Trichlorofluoromethane	ND<10	Bromoform	ND<10
1,2,3-Trichloropropane	ND<10	Chloroform	ND<10
Vinyl Chloride	24.2	Dibromochloromethane	ND<10

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: CONRAD524.2DW06-2548.xls

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.:**	06-2548
		Lab Sample No.:	8501
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/23/06
Field Location:	AV-1	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5 M	n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0 M	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	0.8 M	Hexachlorobutadiene	ND<0.5
trans-1,2-Dichloroethene	ND<0.5	Isopropylbenzene	ND<0.5
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0 M	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5	Xylenes, Total	ND<0.5
Tetrachloroethene	10.3	Methyl-t-Butyl Ether	ND<2.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	Trihalomethanes	
Trichloroethene	0.6	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	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: CONRAD524.2DW06-2548.xls

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.:**	06-2548
		Lab Sample No.:	8502
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/23/06
Field Location:	MW-3	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5 M	n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0 M	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 M
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
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0 M	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5	Xylenes, Total	ND<0.5
Tetrachloroethene	4.3	Methyl-t-Butyl Ether	ND<2.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	Trihalomethanes	
Trichloroethene	ND<0.5	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	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: CONRAD524.2DW06-2548.xls

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.:**	06-2548
		Lab Sample No.:	8503
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/23/06
Field Location:	MW-5	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5 M	n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0 M	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	0.6 M	Hexachlorobutadiene	ND<0.5
trans-1,2-Dichloroethene	ND<0.5	Isopropylbenzene	ND<0.5
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0 M	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5	Xylenes, Total	ND<0.5
Tetrachloroethene	4.0	Methyl-t-Butyl Ether	ND<2.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	Trihalomethanes	
Trichloroethene	ND<0.5	Bromodichloromethane	2.4
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	ND<0.5	Dibromochloromethane	0.9

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: CONRAD524.2DW06-2548.xls

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.:**	06-2548
		Lab Sample No.:	8504
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/23/06
Field Location:	Lipka	**Date Received:**	08/24/06
		Date Analyzed:	08/28/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<0.5 M	n-Butylbenzene	ND<0.5
Chloroethane	ND<1.0	sec-Butylbenzene	ND<0.5
Chloromethane	ND<0.5	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0 M	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	0.9 M	Hexachlorobutadiene	ND<0.5
trans-1,2-Dichloroethene	ND<0.5	Isopropylbenzene	ND<0.5
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0 M	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5	Xylenes, Total	ND<0.5
Tetrachloroethene	4.5	Methyl-t-Butyl Ether	ND<2.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	Trihalomethanes	
Trichloroethene	ND<0.5	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	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: CONRAD524.2DW06-2548.xls

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1 of 2

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

Adirondack

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

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 cooler		Page 1

LAB PROJECT #: 06-2548

CLIENT PROJECT #: AL030070

TURNAROUND TIME: (WORKING DAYS) 10-Day

☐ 1 ☐ 2 ☐ 3 ☐ 5 STD ☐ OTHER

QUOTE #: JD110705 quote

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
1 8-22-06	10:08		X	MW-1	gw	3	X		8490
2	10:35		X	Mann-Pre	gw	3	X		8491
3	10:29		X	Mann-Post	gw	3	X		8492
4	11:40		X	MW-7	gw	3	X		8493
5	12:09		X	RW-1	gw	3	X		8494
6	12:24		X	RW-2	gw	3	X		8495
7	12:06		X	RW-3	gw	3	X		8496
8	12:20		X	AV-2	gw	3	X		8497
9	12:00		X	AVS-EFF	gw	3	X		8498
10	1435		X	MW-6	gw	3	X		8499

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 ☐
Preservation: Comments:	Y ☒	N ☐
Holding Time: Comments:	Y ☒	N ☐
Temperature: Comments: NA - sent directly to Adir. by Conrad	Y ☐	N ☐

Brian P. Goody 8-23-06/16:30
Sampled By Date/Time

Brian P. Goody 8-23-06/17:00
Relinquished By Date/Time

Received By Date/Time

Elizabeth A. Honch 8/24/06 1130
Received @ Lab By Date/Time

Total Cost:

P.I.F.

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

CHAIN OF CUSTODY

Adirondack

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 cooler Page 2	

LAB PROJECT #: 06-2548
CLIENT PROJECT #: AL030070
TURNAROUND TIME: (WORKING DAYS) 10-Day
☐ 1 ☐ 2 ☐ 3 STD ☐ 5 OTHER ☐
QUOTE #: JD"0705 quote

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

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	STARS									REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8-22-06	15:40		X	MW-2	gw	3	X										8500
2	8-23-06	10:50		X	AW-1	gw	3	X										8501
3	8-23-06	11:55		X	MW-3	gw	3	X										8502
4	8-23-06	12:50		X	MW-5	gw	3	X										8503
5	8-23-06	16:15			Lipkin	gw	3	X										8504
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: Comments:	Y ☒	N ☐
Preservation: Comments:	Y ☒	N ☐
Holding Time: Comments:	Y ☒	N ☐
Temperature: Comments: NA - sent directly to Adir. by Conrad	Y ☐	N ☐

	Date/Time
Sampled By: Brian P. Goodwin	8-23-06/16:30
Relinquished By: Brian P. Goodwin	8-23-06/17:00
Received By:	
Received @ Lab By: Elizabeth A. Honch	8/24/06 1130

Total Cost: ☐

P.I.F. ☐

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

For Lab Project # 06-2548

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

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

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

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.

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

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

This report contains a total of 16 pages.

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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: Frinton

Lab Project No.: 06-2677
Lab Sample No.: 8938
Sample Type: Drinking Water
Date Sampled: 09/07/06
Date Received: 09/07/06
Date Analyzed: 09/11/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	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-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5 M	1,2-Dichlorobenzene	ND<0.5
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	ND<0.5	Hexachlorobutadiene	ND<0.5
trans-1,2-Dichloroethene	ND<0.5	Isopropylbenzene	ND<0.5
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5	Xylenes, Total	ND<0.5
Tetrachloroethene	ND<0.5	Methyl-t-Butyl Ether	ND<2.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	Trihalomethanes	
Trichloroethene	ND<0.5	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	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: CONRAD524.2DW06-2677.xls

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**

Adirondack

COMPANY: Paradigm Environmental	COMPANY: Same	LAB PROJECT #: 06-2677	CLIENT PROJECT #: AL030070
ADDRESS: 179 Lake Ave	ADDRESS:	TURNAROUND TIME: (WORKING DAYS) 10-Day	
CITY: Rochester STATE: NY ZIP: 14608	CITY: STATE: ZIP:	STD ☐ OTHER ☐	
PHONE: 585-647-2530 FAX: -3311	PHONE: FAX:	1 ☐ 2 ☐ 3 ☐ 5 ☐	
PROJECT NAME/SITE NAME: Apple Valley Shopping Ctr. Lancaster NY	ATTN: Jane Dalaia	ATTN: Brian Goodwin	
9-7-06	COMMENTS: Please return cooler.	email results	QUOTE #: JD110705

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	2h75										REMARKS	PARADIGM LAB SAMPLE NUMBER
1	9-7-06	9:22		X	Frinton	DW	3	X											8938
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: NA	Y ☐	N ☐
Comments:		

Brian P. Goodwin — 9-7-06/9:25
Sampled By — Date/Time

Brian P. Goodwin — 9-7-06/17:00
Relinquished By — Date/Time

Received By — Date/Time

Elizabeth A. Honch — 9/7/06 1335
Received @ Lab By — Date/Time

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

For Lab Project # 06-2677

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

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

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

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

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

This report contains a total of 3 pages.

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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.:**	06-2590
		Lab Sample No.:	8671
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/25/06
Field Location:	Clark - Mid	**Date Received:**	08/28/06
		Date Analyzed:	09/01/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5 M
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 M	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
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	21.8	Hexachlorobutadiene	ND<0.5
trans-1,2-Dichloroethene	ND<0.5	Isopropylbenzene	ND<0.5
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5 M	Xylenes, Total	ND<0.5
Tetrachloroethene	1.0	Methyl-t-Butyl Ether	10.6
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5 M	**Trihalomethanes**	
Trichloroethene	0.6 M	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	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: CONRAD524.2DW06-2590.xls

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.:**	06-2590
		Lab Sample No.:	8672
Client Job Site:	Apple Valley Shopping Center LaGrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	08/25/06
Field Location:	Clark - Pre	**Date Received:**	08/28/06
		Date Analyzed:	09/01/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<0.5 M
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 M	tert-Butylbenzene	ND<0.5
1,2-Dibromomethane	ND<0.5	Chlorobenzene	ND<0.5 M
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<2.0	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5 M
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5 M
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	10.3	Hexachlorobutadiene	ND<0.5
trans-1,2-Dichloroethene	ND<0.5	Isopropylbenzene	ND<0.5
trans-1,4-Dichloro-2-butene	ND<0.5	4-Isopropyltoluene	ND<0.5
1,2 - Dichloropropane	ND<0.5	Naphthalene	ND<0.5
1,3-Dichloropropane	ND<0.5	n-Propylbenzene	ND<0.5
2,2-Dichloropropane	ND<0.5	styrene	ND<0.5
1,1- Dichloropropene	ND<0.5	Toluene	ND<0.5
cis-1,3-Dichloropropene	ND<2.0	1,2,3-Trichlorobenzene	ND<2.0
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<0.5	1,2,4-Trimethylbenzene	ND<0.5
1,1,1,2-Tetrachloroethane	ND<0.5	1,3,5-Trimethylbenzene	ND<0.5
1,1,2,2-Tetrachloroethane	ND<0.5 M	Xylenes, Total	ND<0.5
Tetrachloroethene	15.4	Methyl-t-Butyl Ether	14.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5 M	Trihalomethanes	
Trichloroethene	4.1 M	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<0.5
1,2,3-Trichloropropane	ND<0.5	Chloroform	ND<0.5
Vinyl Chloride	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: CONRAD524.2DW06-2590.xls

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

Conrad

CHAIN OF CUSTODY

Adirondack

COMPANY: Paradigm Environmental	COMPANY: Same	LAB PROJECT #: 06-2590	CLIENT PROJECT #: AL030070
ADDRESS: 179 Lake Ave	ADDRESS:	TURNAROUND TIME: (WORKING DAYS) 10-Day	
CITY: Rochester STATE: NY ZIP: 14608	CITY: STATE: ZIP:	STD ☐ OTHE ☐	
PHONE: 585-647-2530 FAX: -3311	PHONE: FAX:	☐1 ☐2 ☐3 ☐5	
PROJECT NAME/SITE NAME: Apt Valley Shopping Ctr Lowville, NY	ATTN: Jane Dolan	QUOTE #: JD110705	
	COMMENTS: Please return cooler		

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	624	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8-25-06	9:12		X	Clark-Mid	DW	3	X		86971
2	8-25-06	9:15		X	Clark-Pre	DW	3	X		86972
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: Comments: 1 1 1	Y ☐	N ☐
Preservation: unknown sent directly to Ad. Comments:	Y ☐	N ☐
Holding Time: Comments:	Y ☐	N ☐
Temperature: by client Comments:	Y ☐	N ☐

Brian P. Goodwin 8-25-06/9:20
Sampled By Date/Time

Brian P. Goodwin 8-28-06/17:00
Relinquished By Date/Time

Received By Date/Time

Elizabeth A. Hench 8/28/06 1640
Received @ Lab By Date/Time

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

For Lab Project # 06-2590

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

This report contains a total of 4 pages.

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