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2006-06-06.2Q-
2006_GW_Report

CONRAD GEOSCIENCE CORP.
Environmental Scientists
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June 6, 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: **2nd 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 May 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 May 16, 2006, groundwater samples were collected from Monitoring Wells MW-1, MW-2, MW-3, 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).

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 9000 water quality meter. Monitoring well water samples were collected 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 discharge pipe.

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

RESULTS

Sample results are summarized in Table 1. Analytical reports are attached. Total VOC concentrations for each well are as follows: MW-1 (2.2 µg/l); MW-2 (6,378 µg/l); MW-3 (2.6 µg/l); MW-6 (6.6 µg/l); MW-7 (44.5 µg/l); AV-1 (13.9 µg/l); RW-1 (434 µg/l); RW-2 (1,853.5 µg/l); RW-3 (691.2 µg/l); and AV-2 (944.2 µg/l). The total VOC concentration for AVS-EFF was 16.1 µg/l. Based on the mass loading and measured effluent concentrations the air stripper was performing at a 99.57% removal efficiency.

DISCUSSION

The May 2006 groundwater data indicate a decrease in total VOCs in Monitoring Wells MW-6 and AV-1 and an increase in total VOCs in Monitoring Wells MW-1, MW-2, MW-3 and MW-7 in comparison to the January 13 – 18, 2006 baseline groundwater monitoring data. The May 2006 groundwater data also indicate a decrease in total VOCs in Recovery Wells RW-1, RW-2 and RW-3 and an increase in total VOCs in Recovery Well AV-2 in comparison to the March 9, 2006 performance monitoring data.

Final pumping rate adjustments have not yet been made due to equipment malfunction. As a result, pumping rates and air stripper pressure readings have not been accurately calculated. Because air stripper pressures have been low, the contact time between the air and water might have diminished, resulting in trace concentrations of PCE in the air stripper effluent. Groundwater extraction and treatment system upgrades and repairs will be conducted during the week of June 12, 2006.

After final pumping rates are established, adjustments to the blower air flow throttle will be made. Increasing the blower air flow throttle will increase the air stripper pressure into the suggested operating pressure range. The effectiveness of the groundwater treatment system will be reassessed during the next round of groundwater monitoring.

The next round of quarterly groundwater monitoring is scheduled for August 2006. 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
K. Comerford
D. MacDougal

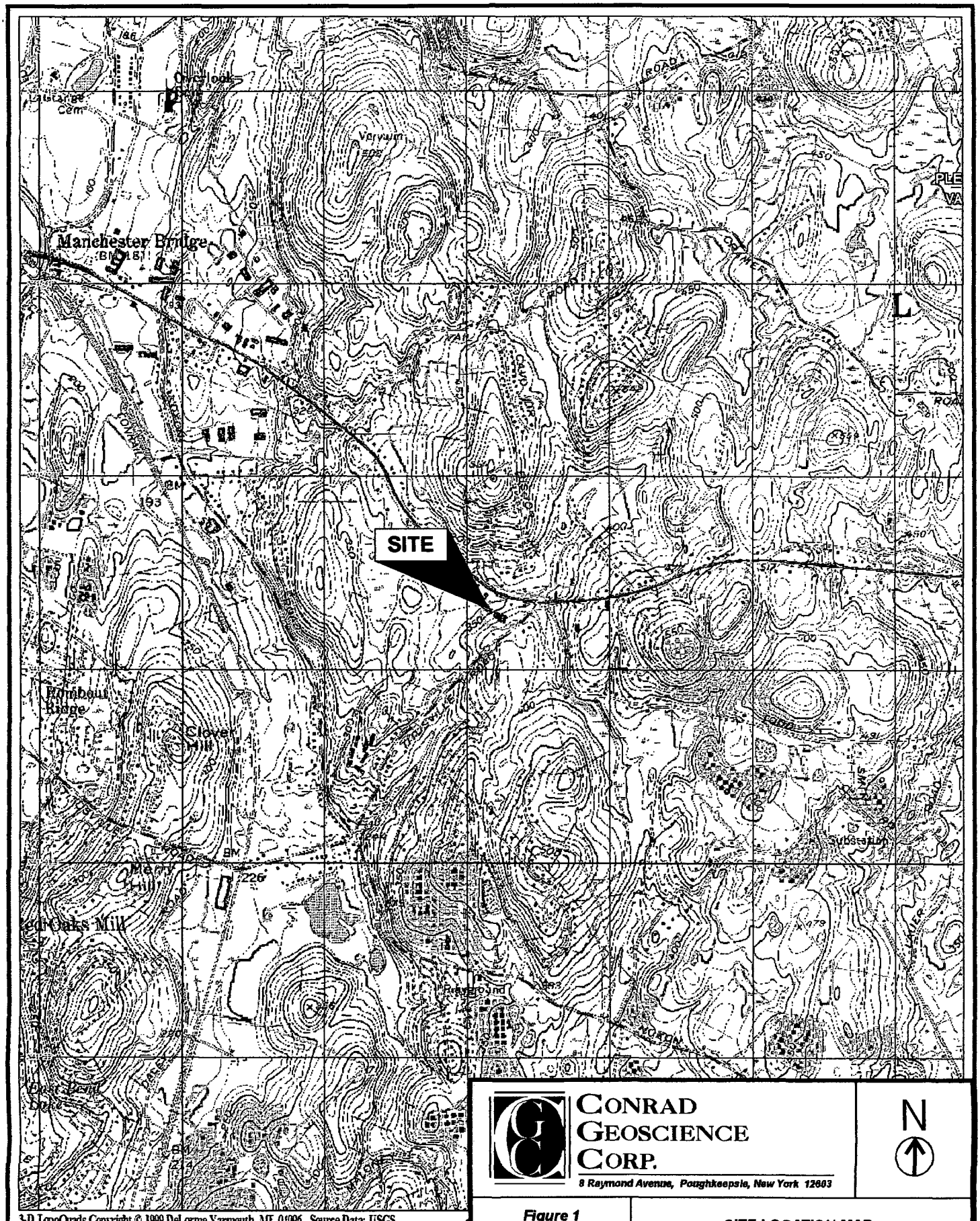

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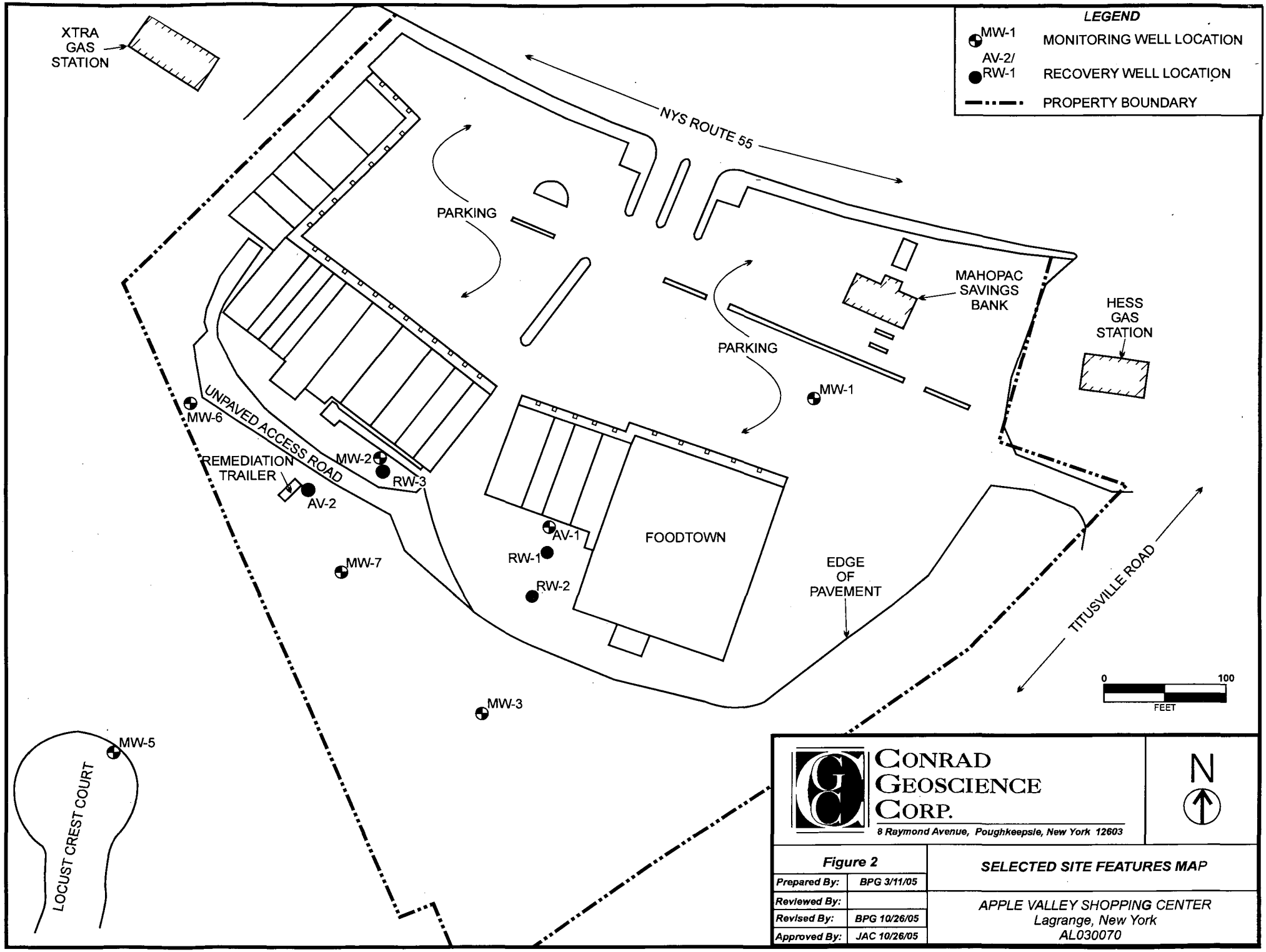
Figure 1		SITE LOCATION MAP
Prepared By:	BPG 2/8/05	
Reviewed By:		APPLE VALLEY SHOPPING CENTER Lagrange, New York AL030070
Revised By:		
Approved By:	BPG 2/9/05	


LEGEND
MW-1 MONITORING WELL LOCATION
AV-2/ RW-1 RECOVERY WELL LOCATION
PROPERTY BOUNDARY
XTRA GAS STATION
NYS ROUTE 55
PARKING
PARKING
MAHOPAC SAVINGS BANK
HESS GAS STATION
MW-1
MW-6
UNPAVED ACCESS ROAD
REMEDIATION TRAILER
MW-2
RW-3
AV-2
AV-1
RW-1
RW-2
FOODTOWN
MW-7
EDGE OF PAVEMENT
TITUSVILLE ROAD
MW-3
MW-5
LOCUST CREST COURT
0
100
FEET
N
CONRAD GEOSCIENCE CORP.
8 Raymond Avenue, Poughkeepsie, New York 12603
Figure 2
SELECTED SITE FEATURES MAP
Prepared By: BPG 3/11/05
Reviewed By:
Revised By: BPG 10/26/05
Approved By: JAC 10/26/05
APPLE VALLEY SHOPPING CENTER
Lagrange, New York
AL030070

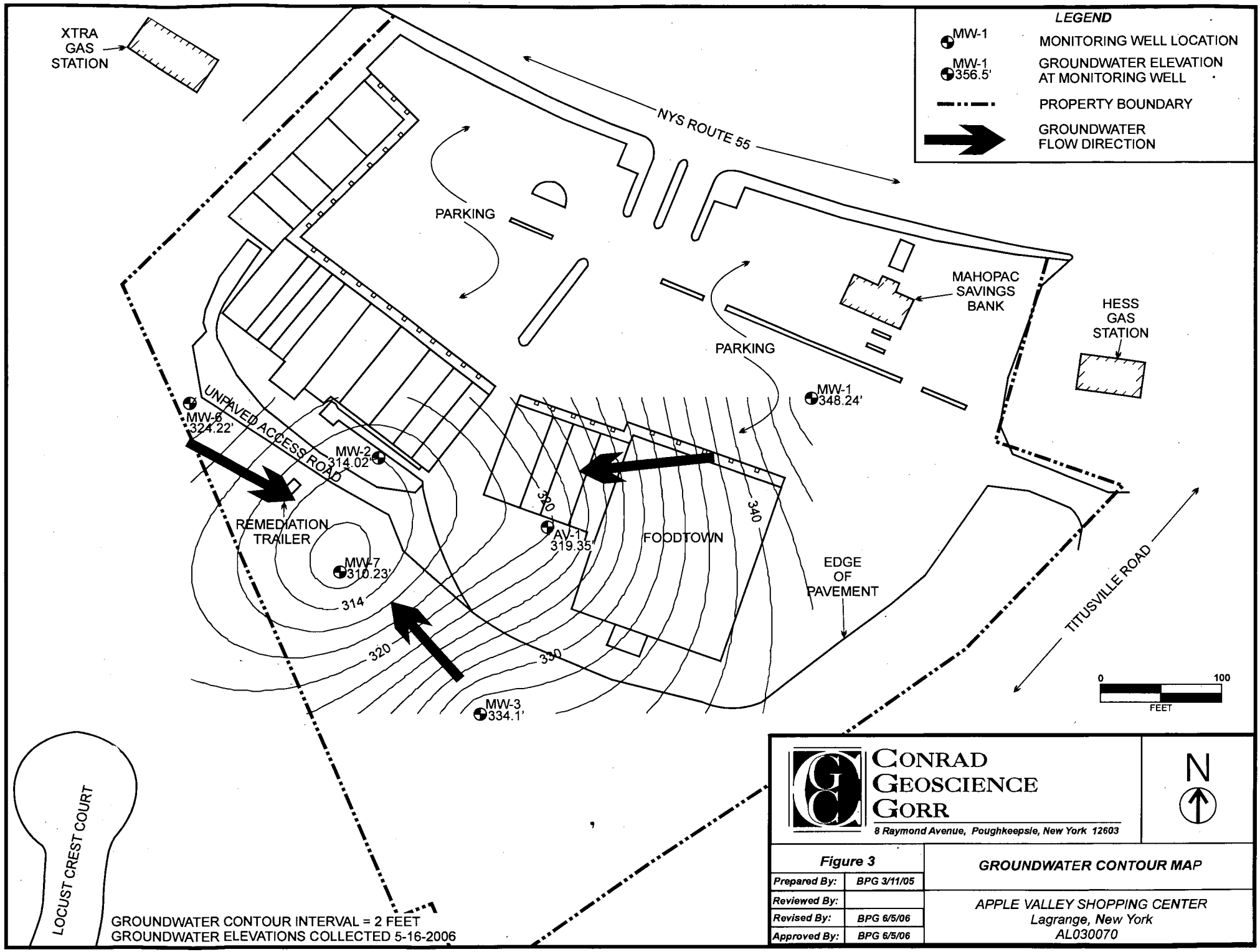

LEGEND
MW-1
MONITORING WELL LOCATION
MW-1
356.5'
GROUNDWATER ELEVATION AT MONITORING WELL
PROPERTY BOUNDARY
GROUNDWATER FLOW DIRECTION
XTRA GAS STATION
NYS ROUTE 55
PARKING
PARKING
MAHOPAC SAVINGS BANK
HESS GAS STATION
MW-1
348.24'
MW-6
324.22'
UNPAVED ACCESS ROAD
MW-2
314.02'
REMEDIATION TRAILER
MW-7
310.23'
AV-1
319.35'
FOODTOWN
320
340
314
320
330
EDGE OF PAVEMENT
TITUSVILLE ROAD
MW-3
334.1'
0
100
FEET
LOCUST CREST COURT
GROUNDWATER CONTOUR INTERVAL = 2 FEET
GROUNDWATER ELEVATIONS COLLECTED 5-16-2006
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 6/5/06
Approved By: BPG 6/5/06
APPLE VALLEY SHOPPING CENTER
Lagrange, New York
AL030070

Table 1. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;** USEPA Method 524.2; collected **May 16, 2006;** Apple Valley Shopping Center, Lagrange, New York; Conrad Geoscience File #AL030070

Chemical Constituent	NYSDEC Limit[1]	Sample Identification					
		RW-1	RW-2	RW-3	AV-2	AVS-EFF	AV-1
Volatile Organic Compounds							
Bromochloromethane	5	ND< 2.0	ND< 10	ND< 5.0	ND< 5.0	ND< 1.0	ND< 1.0
Bromomethane	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Carbon tetrachloride	5	ND< 2.0	ND< 10	ND< 5.0	ND< 5.0	ND< 1.0	ND< 1.0
Chloroethane	5	ND< 2.0	ND< 10	ND< 5.0	ND< 5.0	ND< 1.0	ND< 1.0
Chloromethane	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,2-Dibromomethane	50	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Dibromomethane	5	ND< 2.0	ND< 10	ND< 5.0	ND< 5.0	ND< 1.0	ND< 1.0
1,2-Dibromo-3-Chloropropane	0.04	ND< 10	ND< 50	ND< 25.0	ND< 25.0	ND< 5.0	ND< 5.0
Dichlorodifluoromethane	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,1-Dichloroethane	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,2-Dichloroethane	0.6	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,1-Dichloroethene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
cis-1,2-Dichloroethene	5	**19.0**	**20.1**	**99.4**	**18.0**	1.5	ND< 0.5
trans-1,2-Dichloroethene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
trans-1,4-Dichloro-2-butene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1.2-Dichloropropane	1	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,3-Dichloropropane	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
2,2-Dichloropropane	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,1-Dichloropropene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
cis-1,3-Dichloropropene	0.4	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
trans-1,3-Dichloropropene	0.4	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Methylene chloride	5	ND< 2.0	ND< 10	ND< 5.0	ND< 5.0	ND< 1.0	ND< 1.0
1,1,1,2-Tetrachloroethane	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,1,2,2-Tetrachloroethane	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5

Notes:
1 - Standards are for groundwater according to 6NYCRR Part 700-705, Class GA Groundwater Standards;
All concentrations are in ug/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.

Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;** USEPA Method 524.2; collected **May 16, 2006;** Apple Valley Shopping Center, Lagrange, New York; Conrad Geoscience File #AL030070

Chemical Constituent	NYSDEC Limit[1]	Sample Identification					
		RW-1	RW-2	RW-3	AV-2	AVS-EFF	AV-1
Volatile Organic Compounds							
Tetrachloroethene	5	**394**	**1,800**	**538**	**913**	**14**	**13.9**
1,1,1-Trichloroethane	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,1,2-Trichloroethane	1	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Trichloroethene	5	**21.0**	**12.2**	**53.8**	13.2	0.6	ND< 0.5
Trichlorofluoromethane	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,2,3-Trichloropropane	0.04	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Vinyl Chloride	2	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Benzene	0.7	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Bromobenzene	5	ND< 1.0	ND< 10	ND< 10	ND< 10	ND< 0.5	ND< 0.5
n-Butylbenzene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
sec-Butylbenzene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
tert-Butylbenzene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Chlorobenzene	5	ND< 1.0	**21.2**	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
2-Chlorotoluene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
4-Chlorotoluene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,2-Dichlorobenzene	**3**	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,3-Dichlorobenzene	3	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,4-Dichlorobenzene	**3**	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Ethylbenzene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Hexachlorobutadiene	0.5	ND< 2.0	ND< 10	ND< 5.0	ND< 5.0	ND< 1.0	ND< 1.0
Isopropylbenzene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
4-Isopropyltoluene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Naphthalene	10	ND< 2.0	ND< 10	ND< 5.0	ND< 5.0	ND< 1.0	ND< 1.0

Notes:
1 - Standards are for groundwater according to 6NYCRR Part 700-705, Class GA Groundwater Standards;
All concentrations are in ug/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.

Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;** USEPA Method 524.2; collected **May 16, 2006;** Apple Valley Shopping Center, Lagrange, New York; Conrad Geoscience File #AL030070

Chemical Constituent	NYSDEC Limit[1]	Sample Identification					
		RW-1	RW-2	RW-3	AV-2	AVS-EFF	AV-1
Volatile Organic Compounds							
n-Propyibenzene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Styrene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Toluene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,2,3-Trichlorobenzene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,2,4-Trichlorobenzene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,2,4-Trimethylbenzene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
1,3,5-Trimethylbenzene	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Xylenes, total	5	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Methyl tert-butyl ether (MTBE)	10	ND< 4.0	ND< 20.0	ND< 10	ND< 10	ND< 2.0	ND< 2.0
Bromodichloromethane	50	ND< 2.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Bromoform	50	ND< 2.0	ND< 10	ND< 5.0	ND< 5.0	ND< 1.0	ND< 1.0
Chloroform	7	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Dibromochloromethane	50	ND< 1.0	ND< 5.0	ND< 2.5	ND< 2.5	ND< 0.5	ND< 0.5
Total VOCs	NE	434	1,853.5	691.2	944.2	16.1	13.9

Notes:
1 – Standards are for groundwater according to 6NYCRR Part 700-705, Class GA Groundwater Standards;
All concentrations are in ug/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;
NE = Not Established.

Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;** USEPA Method 524.2; collected **May 16, 2006;** Apple Valley Shopping Center, Lagrange, New York; Conrad Geoscience File #AL030070

Chemical Constituent	NYSDEC Limit[1]	Sample Identification				
		MW-1	MW-2	MW-3	MW-6	MW-7
Volatile Organic Compounds						
Bromochloromethane	5	ND< 1.0	ND< 50	ND< 1.0	ND< 1.0	ND< 1.0
Bromomethane	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Carbon tetrachloride	5	ND< 1.0	ND< 50	ND< 1.0	ND< 1.0	ND< 1.0
Chloroethane	5	ND< 1.0	ND< 50	ND< 1.0	ND< 1.0	ND< 1.0
Chloromethane	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,2-Dibromomethane	50	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Dibromomethane	5	ND< 1.0	ND< 50	ND< 1.0	ND< 1.0	ND< 1.0
1,2-Dibromo-3-Chloropropane	0.04	ND< 5.0	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0
Dichlorodifluoromethane	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,1-Dichloroethane	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,2-Dichloroethane	0.6	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,1-Dichloroethene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
cis-1,2-Dichloroethene	5	ND< 0.5	**1,300**	ND< 0.5	ND< 0.5	**7.3**
trans-1,2-Dichloroethene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Trans-1,4-Dichloro-2-butene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1.2-Dichloropropane	1	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,3-Dichloropropane	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
2,2-Dichloropropane	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,1-Dichloropropene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
cis-1,3-Dichloropropene	0.4	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
trans-1,3-Dichloropropene	0.4	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Methylene chloride	5	ND< 1.0	ND< 50	ND< 1.0	ND< 1.0	ND< 1.0
1,1,1,2-Tetrachloroethane	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,1,2,2-Tetrachloroethane	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5

Notes:
1 – Standards are for groundwater according to 6NYCRR Part 700-705, Class GA Groundwater Standards;
All concentrations are in ug/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.

Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;** USEPA Method 524.2; collected **May 16, 2006;** Apple Valley Shopping Center, Lagrange, New York; Conrad Geoscience File #AL030070

Chemical Constituent	NYSDEC Limit[1]	Sample Identification				
		MW-1	MW-2	MW-3	MW-6	MW-7
Volatile Organic Compounds						
Tetrachloroethene	5	ND< 0.5	**4,440**	2.6	6.0	**34.0**
1,1,1-Trichloroethane	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,1,2-Trichloroethane	1	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Trichloroethene	5	2.2	**638**	ND< 0.5	0.6	3.2
Trichlorofluoromethane	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,2,3-Trichloropropane	0.04	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Vinyl Chloride	2	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Benzene	0.7	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Bromobenzene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
n-Butylbenzene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
sec-Butylbenzene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
tert-Butylbenzene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Chlorobenzene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
2-Chlorotoluene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
4-Chlorotoluene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,2-Dichlorobenzene	3	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,3-Dichlorobenzene	3	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,4-Dichlorobenzene	3	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Ethylbenzene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Hexachlorobutadiene	0.5	ND< 1.0	ND< 50	ND< 1.0	ND< 1.0	ND< 1.0
Isopropylbenzene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
4-Isopropyltoluene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Naphthalene	10	ND< 1.0	ND< 50	ND< 1.0	ND< 1.0	ND< 1.0

Notes:
1 – Standards are for groundwater according to 6NYCRR Part 700-705, Class GA Groundwater Standards;
All concentrations are in ug/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.

Table 1 cont'd. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;** USEPA Method 524.2; collected **May 16, 2006;** Apple Valley Shopping Center, Lagrange, New York; Conrad Geoscience File #AL030070

Chemical Constituent	NYSDEC Limit[1]	Sample Identification				
		MW-1	MW-2	MW-3	MW-6	MW-7
Volatile Organic Compounds						
n-Propyibenzene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Styrene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Toiuene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,2,3-Trichlorobenzene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,2,4-Trichlorobenzene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,2,4-Trimethylbenzene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
1,3,5-Trimethylbenzene	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Xylenes, total	5	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Methyl tert-butyl ether (MTBE)	10	ND< 2.0	ND< 100	ND< 2.0	ND< 2.0	ND< 2.0
Bromodichloromethane	50	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Bromoform	50	ND< 1.0	ND< 50	ND< 1.0	ND< 1.0	ND< 1.0
Chloroform	7	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Dibromochloromethane	50	ND< 0.5	ND< 25.0	ND< 0.5	ND< 0.5	ND< 0.5
Total VOCs	NE	2.2	6,378	2.6	6.6	44.5

Notes:
1 - Standards are for groundwater according to 6NYCRR Part 700-705, Class GA Groundwater Standards;
All concentrations are in ug/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;
NE = Not Established.

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Volatile Laboratory Analysis Report
For Drinking Water

Client:	Conrad Geoscience	**Lab Project No.:**	06-1484
		Lab Sample No.:	5118
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	05/16/06
Field Location:	RW-1	**Date Received:**	05/17/06
		Date Analyzed:	05/24/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<2.0	Benzene	ND<1.0
Bromomethane	ND<1.0	Bromobenzene	ND<1.0
Carbon Tetrachloride	ND<2.0	n-Butylbenzene	ND<1.0
Chloroethane	ND<2.0	sec-Butylbenzene	ND<1.0
Chloromethane	ND<1.0	tert-Butylbenzene	ND<1.0
1,2-Dibromomethane	ND<1.0	Chlorobenzene	ND<1.0
Dibromomethane	ND<2.0	2-Chlorotoluene	ND<1.0
1,2-Dibromo-3-Chloropropane	ND<10	4-Chlorotoluene	ND<1.0
Dichlorodifluoromethane	ND<1.0	1,2-Dichlorobenzene	ND<1.0
1,1-Dichloroethane	ND<1.0	1,3-Dichlorobenzene	ND<1.0
1,2- Dichloroethane	ND<1.0	1,4-Dichlorobenzene	ND<1.0
1,1-Dichloroethene	ND<1.0	Ethyl Benzene	ND<1.0
cis- 1,2-Dichloroethene	19.0	Hexachlorobutadiene	ND<2.0
trans-1,2-Dichloroethene	ND<1.0	Isopropylbenzene	ND<1.0
trans-1,4-Dichloro-2-butene	ND<1.0	4-Isopropyltoluene	ND<1.0
1,2 - Dichloropropane	ND<1.0	Naphthalene	ND<2.0
1,3-Dichloropropane	ND<1.0	n-Propylbenzene	ND<1.0
2,2-Dichloropropane	ND<1.0	styrene	ND<1.0
1,1- Dichloropropene	ND<1.0	Toluene	ND<1.0
cis-1,3-Dichloropropene	ND<1.0	1,2,3-Trichlorobenzene	ND<1.0
trans-1,3-Dichloropropene	ND<1.0	1,2,4-Trichlorobenzene	ND<1.0
Methylene Chloride	ND<2.0	1,2,4-Trimethylbenzene	ND<1.0
1,1,1,2-Tetrachloroethane	ND<1.0	1,3,5-Trimethylbenzene	ND<1.0
1,1,2,2-Tetrachloroethane	ND<1.0	Xylenes, Total	ND<1.0
Tetrachloroethene	394	Methyl-t-Butyl Ether	ND<4.0
1,1,1-Trichloroethane	ND<1.0		
1,1,2-Trichloroethane	ND<1.0	Trihalomethanes	
Trichloroethene	21.0	Bromodichloromethane	ND<2.0
Trichlorofluoromethane	ND<1.0	Bromoform	ND<2.0
1,2,3-Trichloropropane	ND<1.0	Chloroform	ND<1.0
Vinyl Chloride	ND<1.0	Dibromochloromethane	ND<1.0

EPA Method 524.2

NYS ELAP No. 10709

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Comments: ND denotes Non-Detected.

Approved By Technical Director: _____

Bruce Hoogesteger

Chain of Custody provides additional sample information.

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Volatile Laboratory Analysis Report
For Drinking Water

Client:	Conrad Geoscience	**Lab Project No.:**	06-1484
		Lab Sample No.:	5119
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	05/16/06
Field Location:	RW-2	**Date Received:**	05/17/06
		Date Analyzed:	05/24/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<10	Benzene	ND<5.0
Bromomethane	ND<5.0	Bromobenzene	ND<10
Carbon Tetrachloride	ND<10	n-Butylbenzene	ND<5.0
Chloroethane	ND<10	sec-Butylbenzene	ND<5.0
Chloromethane	ND<5.0	tert-Butylbenzene	ND<5.0
1,2-Dibromomethane	ND<5.0	Chlorobenzene	21.2
Dibromomethane	ND<10	2-Chlorotoluene	ND<5.0
1,2-Dibromo-3-Chloropropane	ND<50	4-Chlorotoluene	ND<5.0
Dichlorodifluoromethane	ND<5.0	1,2-Dichlorobenzene	ND<5.0
1,1-Dichloroethane	ND<5.0	1,3-Dichlorobenzene	ND<5.0
1,2- Dichloroethane	ND<5.0	1,4-Dichlorobenzene	ND<5.0
1,1-Dichloroethene	ND<5.0	Ethyl Benzene	ND<5.0
cis- 1,2-Dichloroethene	20.1	Hexachlorobutadiene	ND<10
trans-1,2-Dichloroethene	ND<5.0	Isopropylbenzene	ND<5.0
trans-1,4-Dichloro-2-butene	ND<5.0	4-Isopropyltoluene	ND<5.0
1,2 - Dichloropropane	ND<5.0	Naphthalene	ND<10
1,3-Dichloropropane	ND<5.0	n-Propylbenzene	ND<5.0
2,2-Dichloropropane	ND<5.0	styrene	ND<5.0
1,1- Dichloropropene	ND<5.0	Toluene	ND<5.0
cis-1,3-Dichloropropene	ND<5.0	1,2,3-Trichlorobenzene	ND<5.0
trans-1,3-Dichloropropene	ND<5.0	1,2,4-Trichlorobenzene	ND<5.0
Methylene Chloride	ND<10	1,2,4-Trimethylbenzene	ND<5.0
1,1,1,2-Tetrachloroethane	ND<5.0	1,3,5-Trimethylbenzene	ND<5.0
1,1,2,2-Tetrachloroethane	ND<5.0	Xylenes, Total	ND<5.0
Tetrachloroethene	1800	Methyl-t-Butyl Ether	ND<20.0
1,1,1-Trichloroethane	ND<5.0		
1,1,2-Trichloroethane	ND<5.0	Trihalomethanes	
Trichloroethene	12.2	Bromodichloromethane	ND<5.0
Trichlorofluoromethane	ND<5.0	Bromoform	ND<10
1,2,3-Trichloropropane	ND<5.0	Chloroform	ND<5.0
Vinyl Chloride	ND<5.0	Dibromochloromethane	ND<5.0

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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Volatile Laboratory Analysis Report For Drinking Water

Client:	Conrad Geoscience	**Lab Project No.:**	06-1484
		Lab Sample No.:	5120
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	05/16/06
Field Location:	RW-3	**Date Received:**	05/17/06
		Date Analyzed:	05/24/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<5.0	Benzene	ND<2.5
Bromomethane	ND<2.5	Bromobenzene	ND<10
Carbon Tetrachloride	ND<5.0	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
Dibromomethane	ND<5.0	2-Chlorotoluene	ND<2.5
1,2-Dibromo-3-Chloropropane	ND<25.0	4-Chlorotoluene	ND<2.5
Dichlorodifluoromethane	ND<2.5	1,2-Dichlorobenzene	ND<2.5
1,1-Dichloroethane	ND<2.5	1,3-Dichlorobenzene	ND<2.5
1,2- Dichloroethane	ND<2.5	1,4-Dichlorobenzene	ND<2.5
1,1-Dichloroethene	ND<2.5	Ethyl Benzene	ND<2.5
cis- 1,2-Dichloroethene	99.4	Hexachlorobutadiene	ND<5.0
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<5.0
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<2.5	1,2,3-Trichlorobenzene	ND<2.5
trans-1,3-Dichloropropene	ND<2.5	1,2,4-Trichlorobenzene	ND<2.5
Methylene Chloride	ND<5.0	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	538	Methyl-t-Butyl Ether	ND<10
1,1,1-Trichloroethane	ND<2.5		
1,1,2-Trichloroethane	ND<2.5	Trihalomethanes	
Trichloroethene	53.8	Bromodichloromethane	ND<2.5
Trichlorofluoromethane	ND<2.5	Bromoform	ND<5.0
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: _____

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Chain of Custody provides additional sample information.

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Volatile Laboratory Analysis Report For Drinking Water

Client:	Conrad Geoscience	**Lab Project No.:**	06-1484
		Lab Sample No.:	5121
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	05/16/06
Field Location:	AV-2	**Date Received:**	05/17/06
		Date Analyzed:	05/24/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<5.0	Benzene	ND<2.5
Bromomethane	ND<2.5	Bromobenzene	ND<10
Carbon Tetrachloride	ND<5.0	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
Dibromomethane	ND<5.0	2-Chlorotoluene	ND<2.5
1,2-Dibromo-3-Chloropropane	ND<25.0	4-Chlorotoluene	ND<2.5
Dichlorodifluoromethane	ND<2.5	1,2-Dichlorobenzene	ND<2.5
1,1-Dichloroethane	ND<2.5	1,3-Dichlorobenzene	ND<2.5
1,2- Dichloroethane	ND<2.5	1,4-Dichlorobenzene	ND<2.5
1,1-Dichloroethene	ND<2.5	Ethyl Benzene	ND<2.5
cis- 1,2-Dichloroethene	18.0	Hexachlorobutadiene	ND<5.0
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<5.0
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<2.5	1,2,3-Trichlorobenzene	ND<2.5
trans-1,3-Dichloropropene	ND<2.5	1,2,4-Trichlorobenzene	ND<2.5
Methylene Chloride	ND<5.0	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	913	Methyl-t-Butyl Ether	ND<10
1,1,1-Trichloroethane	ND<2.5		
1,1,2-Trichloroethane	ND<2.5	Trihalomethanes	
Trichloroethene	13.2	Bromodichloromethane	ND<2.5
Trichlorofluoromethane	ND<2.5	Bromoform	ND<5.0
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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Volatile Laboratory Analysis Report For Drinking Water

Client:	Conrad Geoscience	**Lab Project No.:**	06-1484
		Lab Sample No.:	5122
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	05/16/06
Field Location:	AVS-EFF	**Date Received:**	05/17/06
		Date Analyzed:	05/24/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<1.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<1.0	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<1.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<5.0	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	1.5	Hexachlorobutadiene	ND<1.0
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<1.0
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<0.5	1,2,3-Trichlorobenzene	ND<0.5
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<1.0	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	14.0	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<1.0
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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Volatile Laboratory Analysis Report
For Drinking Water

Client:	Conrad Geoscience	**Lab Project No.:**	06-1484
		Lab Sample No.:	5123
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	05/16/06
Field Location:	MW-1	**Date Received:**	05/17/06
		Date Analyzed:	05/24/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<1.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<1.0	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<1.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<5.0	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	ND<0.5	Hexachlorobutadiene	ND<1.0
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<1.0
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<0.5	1,2,3-Trichlorobenzene	ND<0.5
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<1.0	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	2.2	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<1.0
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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Volatile Laboratory Analysis Report
For Drinking Water

Client:	Conrad Geoscience	**Lab Project No.:**	06-1484
		Lab Sample No.:	5124
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	05/16/06
Field Location:	MW-2	**Date Received:**	05/17/06
		Date Analyzed:	05/24/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<50	Benzene	ND<25.0
Bromomethane	ND<25.0	Bromobenzene	ND<25.0
Carbon Tetrachloride	ND<50	n-Butylbenzene	ND<25.0
Chloroethane	ND<50	sec-Butylbenzene	ND<25.0
Chloromethane	ND<25.0	tert-Butylbenzene	ND<25.0
1,2-Dibromomethane	ND<25.0	Chlorobenzene	ND<25.0
Dibromomethane	ND<50	2-Chlorotoluene	ND<25.0
1,2-Dibromo-3-Chloropropane	ND<250	4-Chlorotoluene	ND<25.0
Dichlorodifluoromethane	ND<25.0	1,2-Dichlorobenzene	ND<25.0
1,1-Dichloroethane	ND<25.0	1,3-Dichlorobenzene	ND<25.0
1,2- Dichloroethane	ND<25.0	1,4-Dichlorobenzene	ND<25.0
1,1-Dichloroethene	ND<25.0	Ethyl Benzene	ND<25.0
cis- 1,2-Dichloroethene	1300	Hexachlorobutadiene	ND<50
trans-1,2-Dichloroethene	ND<25.0	Isopropylbenzene	ND<25.0
trans-1,4-Dichloro-2-butene	ND<25.0	4-Isopropyltoluene	ND<25.0
1,2 - Dichloropropane	ND<25.0	Naphthalene	ND<50
1,3-Dichloropropane	ND<25.0	n-Propylbenzene	ND<25.0
2,2-Dichloropropane	ND<25.0	styrene	ND<25.0
1,1- Dichloropropene	ND<25.0	Toluene	ND<25.0
cis-1,3-Dichloropropene	ND<25.0	1,2,3-Trichlorobenzene	ND<25.0
trans-1,3-Dichloropropene	ND<25.0	1,2,4-Trichlorobenzene	ND<25.0
Methylene Chloride	ND<50	1,2,4-Trimethylbenzene	ND<25.0
1,1,1,2-Tetrachloroethane	ND<25.0	1,3,5-Trimethylbenzene	ND<25.0
1,1,2,2-Tetrachloroethane	ND<25.0	Xylenes, Total	ND<25.0
Tetrachloroethene	4440	Methyl-t-Butyl Ether	ND<100
1,1,1-Trichloroethane	ND<25.0		
1,1,2-Trichloroethane	ND<25.0	Trihalomethanes	
Trichloroethene	638	Bromodichloromethane	ND<25.0
Trichlorofluoromethane	ND<25.0	Bromoform	ND<50
1,2,3-Trichloropropane	ND<25.0	Chloroform	ND<25.0
Vinyl Chloride	ND<25.0	Dibromochloromethane	ND<25.0

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.

File ID: CONRAD524.2DW06-1484.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.:**	06-1484
		Lab Sample No.:	5125
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	05/16/06
Field Location:	MW-3	**Date Received:**	05/17/06
		Date Analyzed:	05/24/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<1.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<1.0	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<1.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<5.0	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	ND<0.5	Hexachlorobutadiene	ND<1.0
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<1.0
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<0.5	1,2,3-Trichlorobenzene	ND<0.5
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<1.0	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	2.6	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<1.0
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: CONRAD524.2DW06-1484.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.:**	06-1484
		Lab Sample No.:	5126
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	05/16/06
Field Location:	MW-6	**Date Received:**	05/17/06
		Date Analyzed:	05/24/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<1.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<1.0	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<1.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<5.0	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	ND<0.5	Hexachlorobutadiene	ND<1.0
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<1.0
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<0.5	1,2,3-Trichlorobenzene	ND<0.5
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<1.0	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	6.0	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<1.0
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: CONRAD524.2DW06-1484.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.:**	06-1484
		Lab Sample No.:	5127
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	05/16/06
Field Location:	MW-7	**Date Received:**	05/17/06
		Date Analyzed:	05/24/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<1.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<1.0	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<1.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<5.0	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	7.3	Hexachlorobutadiene	ND<1.0
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<1.0
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<0.5	1,2,3-Trichlorobenzene	ND<0.5
trans-1,3-Dichioropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<1.0	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	34.0	Methyl-t-Butyl Ether	ND<2.0
1,1,1-Trichloroethane	ND<0.5		
1,1,2-Trichloroethane	ND<0.5	Trihalomethanes	
Trichloroethene	3.2	Bromodichloromethane	ND<0.5
Trichlorofluoromethane	ND<0.5	Bromoform	ND<1.0
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: CONRAD524.2DW06-1484.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.:**	06-1484
		Lab Sample No.:	5128
Client Job Site:	Apple Valley Shopping Center Lagrange, New York	**Sample Type:**	Ground Water
Client Job No.:	AL030070	**Date Sampled:**	05/16/06
Field Location:	AV-1	**Date Received:**	05/17/06
		Date Analyzed:	05/24/06

VOLATILE HALOCARBONS	RESULTS (ug/l)	VOLATILE AROMATICS	RESULTS (ug/l)
Bromochloromethane	ND<1.0	Benzene	ND<0.5
Bromomethane	ND<0.5	Bromobenzene	ND<0.5
Carbon Tetrachloride	ND<1.0	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<1.0	2-Chlorotoluene	ND<0.5
1,2-Dibromo-3-Chloropropane	ND<5.0	4-Chlorotoluene	ND<0.5
Dichlorodifluoromethane	ND<0.5	1,2-Dichlorobenzene	ND<0.5
1,1-Dichloroethane	ND<0.5	1,3-Dichlorobenzene	ND<0.5
1,2- Dichloroethane	ND<0.5	1,4-Dichlorobenzene	ND<0.5
1,1-Dichloroethene	ND<0.5	Ethyl Benzene	ND<0.5
cis- 1,2-Dichloroethene	ND<0.5	Hexachlorobutadiene	ND<1.0
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<1.0
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<0.5	1,2,3-Trichlorobenzene	ND<0.5
trans-1,3-Dichloropropene	ND<0.5	1,2,4-Trichlorobenzene	ND<0.5
Methylene Chloride	ND<1.0	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	13.9	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<1.0
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: CONRAD524.2DW06-1484.xls

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

CHAIN OF CUSTODY

1 of 2 Adirondack.

REPORT TO:	INVOICE TO:	
COMPANY: Paradigm Environmental	COMPANY: Same	LAB PROJECT #: 06-1484 / CLIENT PROJECT #: AL030070
ADDRESS: 179 Lake Ave.	ADDRESS:	
CITY: Rochester STATE: NY ZIP: 14608	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS) 10-Day Turn.
PHONE: 585-647-2530 FAX: -3311	PHONE: FAX:	STD / OTHER
ATTN: Jane Chiara	ATTN:	1 2 3 5
COMMENTS: Please return cooler.		Quote # JDIK705

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

Page 1 of 2

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	EPA 524.2	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5-16-06	922		X	RW-1	GW	3	X		51187
2	"	925		"	RW-2	"	"	"		51189
3		1025			RW-3					51200
4		932			AV-2					51211
5		933			AVS-EFF					51222
6		1510			MW-1					51233
7		1045			MW-2					51244
8		1112			MW-3					51255
9		1130			MW-6					51266
10	↓	1234		↓	MW-7	↓	↓	↓		51277

****LAB USE ONLY BELOW THIS LINE****

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

Receipt Parameter	NELAC Compliance	
Container Type:	Y [X]	N [ ]
Comments:		
Preservation:	Y [X]	N [ ]
Comments:		
Holding Time:	Y [X]	N [ ]
Comments:		
Temperature:	Y [ ]	N [ ]
Comments: NA - Sent directly to Adirondack		

Brian P. Hoadley 5-17-06/9:45
Sampled By Date/Time

Brian P. Hoadley 5-17-06/17:00
Relinquished By Date/Time

Received By Date/Time

Elizabeth A. Honch 5/17/06 1445
Received @ Lab By Date/Time

Total Cost:

P.I.F.

05-17-'06 09:04 FROM-Conrad Geoscience 585-454-2655 T-492 P002/003 F-417

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

CHAIN OF CUSTODY

~~of~~ 2 of 2

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #: 06-1484	CLIENT PROJECT #: AL030070
ADDRESS:	179 Lake Ave	ADDRESS:			
CITY:	Rochester STATE: NY ZIP: 14608	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS) 10-Day	
PHONE:	585-647-2530 FAX: -3311	PHONE:	FAX:	STD	OTHER
PROJECT NAME/SITE NAME:	Apple Valley Shopping Center - Lancaster, NY	ATTN:	Dave Dalena	1 2 3 5	
ATTN:	Dave Dalena				
COMMENTS:	Please return cooler. Quote # JD110705				

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 VOCs									REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5-16-06	1340		X	AV-1	gw	3	X										5128
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 [X]	N [ ]
Comments:		
Preservation:	Y [X]	N [ ]
Comments:		
Holding Time:	Y [X]	N [ ]
Comments:		
Temperature:	Y [ ]	N [ ]
Comments: NA-sent directly to Adirondack		

Brian P. Hudson 5-17-06/9:45
Sampled By Date/Time

Brian P. Hudson 5-17-06/17:00
Relinquished By Date/Time

Total Cost:

Received By Date/Time

Elizabeth A. Horch 5/17/06 1445
Received @ Lab By Date/Time

P.I.F.

Air Guide II, Air II

Air - 6NYCRR Part 212

OAR - Table I of Appendix C

~~I~~ II ~~III~~ ~~IV~~