

REPORT

2002 Environmental Monitoring Annual Report

**Town of DeWitt Landfill
DeWitt, New York**

January 2003



O'BRIEN & GERE
ENGINEERS, INC.



REPORT

**2002 Environmental Monitoring
Annual Report**

*Town of DeWitt Landfill
DeWitt, New York*



A handwritten signature in cursive script that reads "Michael S. Kolceski". The signature is written in black ink and is positioned above a horizontal line.

Michael S. Kolceski, P.E.
Vice President

January 2003



5000 Brittonfield Parkway
P.O. Box 4873
Syracuse, New York 13221



Contents

1. Introduction.....	1
2. Presentation of water quality monitoring results	3
3. Summary of water quality standard contraventions.....	5
4. Summary of ground water/surface water sampling results	7
5. Summary of quarterly landfill inspection reports	9

List of tables

Table 1 - Well Water Analyses - MW-1S
Table 2 - Well Water Analyses - MW-2S
Table 3 - Well Water Analyses - MW-2D
Table 4 - Well Water Analyses - MW-3S
Table 5 - Well Water Analyses - MW-4S
Table 6 - Well Water Analyses - MW-4D
Table 7 - Well Water Analyses - MW-5S
Table 8 - Well Water Analyses - MW-5D
Table 9 - Well Water Analyses - MW-6S
Table 10 - Well Water Analyses - MW-7S
Table 11 - Well Water Analyses - MW-8S
Table 12 - Well Water Analyses - MW-8D
Table 13 - Well Water Analyses - MW-9S
Table 14 - Well Water Analyses - MW-9M
Table 15 - Well Water Analyses - MW-9D
Table 16 - Well Water Analyses - MW-10S
Table 17 - Well Water Analyses - MW-11D
Table 18 - Well Water Analyses - MW-12S
Table 19 - Surface Water Analyses - SW-1
Table 20 - Surface Water Analyses - SW-2
Table 21 - Surface Water Analyses - SW-3

List of appendices

Appendix A	Ground water sampling protocol
Appendix B1	1st quarter water sampling field memo and field logs
Appendix B2	2nd quarter water sampling field memo and field logs
Appendix B3	3rd quarter water sampling field memo and field logs
Appendix B4	4th quarter water sampling field memo and field logs
Appendix C1	1st quarter water sampling analytical results
Appendix C2	2nd quarter water sampling analytical results
Appendix C3	3rd quarter water sampling analytical results
Appendix C4	4th quarter water sampling analytical results
Appendix D	Quarterly landfill inspection reports
Appendix E	Location plans

1. Introduction

This report was prepared consistent with requirements identified in subparagraph 2.11(c)(5)(iv) of 6NYCRR Part 360, "Solid Waste Management Facilities" and reduced landfill monitoring criteria as outlined in a letter from Charles J. Branagh, P.E., NYSDEC, dated July 8, 1998. Specifically, this report addresses the reporting of data for the 2002 Environmental Monitoring Program at the Town of DeWitt Landfill located on Fisher Road in the Town of DeWitt, New York. This report fulfills the annual summary requirements.

Ground water sampling events occurred during March 25, 2002 through March 29, 2002, while surface water sampling events occurred during the months of March, June, September, and December 2002 in accordance with the above referenced letter by the NYSDEC. Air monitoring was not done in 2002 nor in previous years since 1998 at the direction of the NYSDEC. The Town submitted the Air Dispersion Modeling Analysis on March 9, 1999 with additional information submitted on January 15, 2001. To date, the NYSDEC has not notified the Town regarding its review and acceptance of the Response to Comments.

During the first quarter, an O'Brien & Gere technician obtained ground water samples from eighteen (18) well locations and three (3) surface water locations surrounding the landfill. The O'Brien & Gere technician bailed out at least three well volumes (unless well went dry) prior to procuring ground water samples. The sampling was performed in accordance with Departmental requirements and industry wide standards. The ground water sampling protocol utilized by O'Brien & Gere is presented in Appendix "A" of this report. The samples were analyzed by O'Brien & Gere Laboratories, Inc. for volatile organics in accordance with U.S. EPA analytical methods 624 and priority pollutant metals in accordance with methods 180 and 102.

There are eighteen (18) well locations surrounding the Town of DeWitt Landfill. These locations are designated as MW-1S, MW-2S, MW-2D, MW-3S, MW-4S, MW-4D, MW-5S, MW-5D, MW-6S, MW-7S, MW-8S, MW-8D, MW-9S, MW-9M, MW-9D, MW-10S, MW-11D, and MW-12S. All the wells were installed by Parratt-Wolff, Inc. in 1991, with the exception of MW-1S and MW-7S, which were installed in 1986. The wells were installed consistent with requirements of 6NYCRR Part 360 "Solid Waste Management Facilities". Three (3) surface water monitoring

points were also sampled, designated as SW-1, SW-2 and SW-3. Locations of monitoring well and surface water points are shown in Figures 2 and 3 of Appendix "E".

This report was prepared to provide for quick and efficient review of environmental monitoring results of the Town of DeWitt Landfill for 2002. A brief review of results of the quarterly monitoring events is presented in Section 2, Presentation of water quality monitoring results. Section 3, Summary of water quality standard contraventions, identifies any "hits" of parameters which had test results above the water quality standards for the annual and quarterly events. Section 4, Summary of ground water/surface water sampling results, contains a summary of water quality throughout the year. Section 5, Summary of quarterly landfill inspection reports, contains a summary of the condition of the landfill throughout the year.

2. Presentation of water quality monitoring results

Water quality monitoring results are presented in Tables 1 through 21 for the 2002 environmental monitoring program and consist of laboratory analytical results. Appendices "B1" through "B4" include memoranda prepared by the sampler detailing sampling activities and presenting the field measured parameters.

3. Summary of water quality standard contraventions

Analytical data collected from the monitoring wells and surface water sampling points was compared to the NYSDEC Ambient Water Quality Standards and Guidance Values dated October 1993 (reissued June 1998). Those data values which were determined to exceed the standards are identified on Tables 1 through 21. The parameters that exceeded the N.Y.S. Water Quality Standards for 2002 were: arsenic, chromium, lead, zinc, chlorobenzene, chloroethane, vinyl chloride, cis-1,2-Dichloroethene, and turbidity.

Ground water elevations were measured from the top of the 2-inch PVC casing with a Keck water level probe. Ground water elevations are identified on the ground water sampling field logs contained in Appendices "B1" through "AB4".

4. Summary of ground water/surface water sampling results

Analytical test results for the sampling performed at the Town of DeWitt Landfill site during 2002 have been compared to NYSDEC Ambient Water Quality Standards and Guidance Values, dated October 1993. Results of these comparisons have been tabulated and are identified in Tables 1 through 21. A general discussion of ground water quality contraventions is offered below.

The upgradient ground water quality, as measured by MW-7S and MW-11D both showed an exceedance in turbidity. MW-11D also showed an exceedance of chromium.

Parameters which were elevated above ground water standards during the year for the down gradient ground water wells include arsenic, chromium, lead, zinc, vinyl chloride, cis-1,2-dichloroethene, and turbidity.

The comparison of upgradient versus downgradient ground water quality is intended to assist in evaluating the potential influence of the landfill facility upon the local ground water quality. A comparison of the upgradient wells (MW-7S and MW11D) versus the downgradient wells (MW-1S, MW-2S, MW-2D, MW-3S, MW-4S, MW-4D, MW-5S, MW-5D, MW-6S, MW-8S, MW-8D, MW-9S, MW-9M, MW-9D, MW-10S, and MW-12S) ground water quality reflects the following:

- The parameters of chromium were above standard values in both the upgradient well (MW-11D) and downgradient wells (MW-2S, MW-5S, MW-5D, MW-9D, MW-10S, and MW-12S).
- The parameters for lead were above standard values in down gradient well 2S.
- Arsenic exceeded the standard for well MW-5S.
- cis-1,2-Dichloroethene exceeded the standard for wells MW-4S and MW-4D.
- Zinc exceeded the standard for well MW-10S.
- Vinyl chloride exceeded the standard for well MW-8S.

- Turbidity exceeded the sampling quality standard for all wells except MW-8S.
- MW-1S, MW-2D, MW-3S, MW-6S, MW-7S, MW-8D, MW-9S, and MW-9M did not show any exceedances with the exception of turbidity.

Surface Water Quality at sampling locations SW-1, SW-2, and SW-3 all reflected an exceedance in turbidity throughout the year and SW-1 also reflected an exceedance in chlorobenzene and chloroethane during the 4th Quarter Sampling Event.

5. Summary of quarterly landfill inspection reports

Quarterly inspection reports for March 2002 through December 2002 are shown in Appendix "D" of this report.

As of December, the landfill is generally in very good condition with no need for maintenance observed at that time.



Table 1
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-1S

		NYS Class GA Water Quality Standards	4/2001	3/2002
Analyte	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	< 0.005	0.005
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	0.01	0.02
Copper	mg/L	0.2	< 0.01	0.02
Lead	mg/L	0.025	< 0.005	< 0.005
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	0.03	0.04
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.



Table 1
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-1S

		NYS Class GA Water Quality Standards		4/2001	3/2002
Analyte	Units				
Oxygen, dissolved	%		-		N/A
Eh	Eh		- 0		-40.0
Specific Conductivity	umho		2180		1460
Static Ground Water Elevation	ft		422.44		421.74
Temperature (C)	degC		10.8		10.5
Turbidity	NTU	5	[> 1000]		[134]
Well Volume Removed	gal		4.2		3.9
pH	su		7.02		7.7

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.

Page 2 of 2

Table 2
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-2S

Analyte	Units	NYS Class GA Water Quality Standards			4/2001	3/2002
Antimony	mg/L	0.003			< 0.06	< 0.06
Arsenic	mg/L	0.025			< 0.005	0.018
Beryllium	mg/L	0.003			< 0.01	< 0.01
Cadmium	mg/L	0.005			< 0.01	< 0.01
Chromium	mg/L	0.05			0.01	[0.11]
Copper	mg/L	0.2			< 0.01	0.07
Lead	mg/L	0.025			< 0.005	[0.034]
Mercury	mg/L	0.0007			< 0.0002	< 0.0002
Nickel	mg/L				< 0.05	0.09
Selenium	mg/L	0.01			< 0.005	< 0.005
Silver	mg/L	0.05			< 0.01	< 0.01
Thallium	mg/L	0.008			< 0.01	< 0.01
Zinc	mg/L	0.3			0.04	0.22
1,1,1-Trichloroethane	ug/L	5			< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5			< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5			< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5			< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5			< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3			< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5			< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5			---	---
1,2-Dichloropropane	ug/L	5			< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5			< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3			< 5.0	< 5.0
2-Chloroethylvinylether	ug/L				< 10	< 10
Benzene	ug/L	1			< 5.0	< 5.0
Bromodichloromethane	ug/L	50			< 5.0	< 5.0
Bromoform	ug/L	50			< 5.0	< 5.0
Bromomethane	ug/L	5			< 10	< 10
Carbon tetrachloride	ug/L	5			< 5.0	< 5.0
Chlorobenzene	ug/L	5			< 5.0	< 5.0
Chloroethane	ug/L	5			< 10	< 10
Chloroform	ug/L	7			< 5.0	< 5.0
Chloromethane	ug/L				< 10	< 10
Dibromochloromethane	ug/L	5			< 5.0	< 5.0
Dichlorodifluoromethane	ug/L				---	---
Methylene chloride	ug/L	5			< 5.0	< 5.0
Ethylbenzene	ug/L	5			< 5.0	< 5.0
Tetrachloroethene	ug/L	5			< 5.0	< 5.0
Toluene	ug/L	5			< 5.0	< 5.0
Trichloroethene	ug/L	5			< 5.0	< 5.0
Trichlorofluoromethane	ug/L				< 5.0	< 5.0
Vinyl chloride	ug/L	2			< 10	< 10
Xylene (total)	ug/L	5			< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5			< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5			< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5			< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5			< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.

Table 3
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-2D

		NYS Class GA Water Quality Standards	4/2001	3/2002
Analyte	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	< 0.005	< 0.005
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	0.01	0.02
Copper	mg/L	0.2	< 0.01	< 0.01
Lead	mg/L	0.025	0.010	< 0.005
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	0.05	0.07
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.

Table 4
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-3S

Analyte	NYS Class GA Water Quality Standards		4/2001	3/2002
	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	0.005	0.010
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	< 0.01	< 0.01
Copper	mg/L	0.2	< 0.01	< 0.01
Lead	mg/L	0.025	< 0.005	< 0.005
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	< 0.01	< 0.01
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.



Table 4

		NYS Class GA Water Quality Standards		4/2001	3/2002
Analyte	Units				
Oxygen, dissolved	%		-		N/A
Eh	Eh		- 11.4		-17.1
Specific Conductivity	umho		2790		2700
Static Ground Water Elevation	ft		416.02		415.12
Temperature (C)	degC		8.7		6.1
Turbidity	NTU	5	[> 10]		[8]
Well Volume Removed	gal		7.6		7.2
pH	su		6.8		7.3

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.

Page 2 of 2

Table 5
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-4S

		NYS Class GA Water Quality Standards	4/2001	3/2002
Analyte	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	< 0.005	< 0.005
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	< 0.01	< 0.01
Copper	mg/L	0.2	< 0.01	< 0.01
Lead	mg/L	0.025	< 0.005	< 0.005
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	< 0.01	< 0.01
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	[6.2]	[5.7]
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0
NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water. * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference. --- - Not Analyzed.				



Table 5
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-4S

Analyte	Units	NYS Class GA Water Quality Standards		4/2001	3/2002
Oxygen, dissolved	%			-	N/A
Eh	Eh			- 28.57	0
Specific Conductivity	umho			2870	2920
Static Ground Water Elevation	ft			415.60	414.70
Temperature (C)	degC			9.5	5.6
Turbidity	NTU	5		[> 650]	[103]
Well Volume Removed	gal			9.2	8.7
pH	su			6.5	7.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.

Page 2 of 2



Table 6
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-4D

		NYS Class GA Water Quality Standards	4/2001	3/2002
Analyte	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	< 0.005	< 0.005
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	0.01	< 0.01
Copper	mg/L	0.2	< 0.01	< 0.01
Lead	mg/L	0.025	0.005	< 0.005
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	0.01	< 0.01
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	[11]	[11]
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.

Table 7
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-5S

		NYS Class GA Water Quality Standards	4/2001	3/2002
Analyte	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	0.006	[0.030]
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	< 0.01	[0.07]
Copper	mg/L	0.2	< 0.01	0.05
Lead	mg/L	0.025	0.007	0.024
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	0.06
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	0.02	0.11
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.



Table 7
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-5S

NYS Class GA Water Quality Standards		4/2001	3/2002
Analyte	Units		
Oxygen, dissolved	%	-	N/A
Eh	Eh	-45.7	-11.42
Specific Conductivity	umho	3180	2890
Static Ground Water Elevation	ft	415.44	414.54
Temperature (C)	degC	9	6.1
Turbidity	NTU	5	[> 1000]
Well Volume Removed	gal	12	11.4
pH	su	6.2	7.2

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.

Page 2 of 2

Table 8
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-5D

		NYS Class GA Water Quality Standards	4/2001	3/2002
Analyte	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	0.006	0.014
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	0.04	[0.13]
Copper	mg/L	0.2	< 0.01	< 0.01
Lead	mg/L	0.025	0.009	< 0.005
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	0.02	0.02
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.



Table 8
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-5D

NYS Class GA Water Quality Standards		4/2001	3/2002
Analyte	Units		
Oxygen, dissolved	%	-	N/A
Eh	Eh	-45.7	-11.42
Specific Conductivity	umho	3550	3180
Static Ground Water Elevation	ft	415.41	414.51
Temperature (C)	degC	10.1	6.0
Turbidity	NTU	5	[> 152]
Well Volume Removed	gal	21.3	[72]
pH	su	6.2	7.2

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.

Page 2 of 2

Table 9
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-6S

Analyte	Units	NYS Class GA Water Quality Standards	4/2001	3/2002
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	0.006	< 0.005
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	0.01	< 0.01
Copper	mg/L	0.2	0.02	< 0.01
Lead	mg/L	0.025	0.013	< 0.005
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	0.06	0.02
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.



Table 9
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-6S

		NYS Class GA Water Quality Standards		4/2001	3/2002
Analyte	Units				
Oxygen, dissolved	%				N/A
Eh	Eh			--11.4	-22.9
Specific Conductivity	umho			1910	1970
Static Ground Water Elevation	ft			414.42	413.92
Temperature (C)	degC			8.6	6.1
Turbidity	NTU	5	[> 1000]		[289]
Well Volume Removed	gal			9.9	9.9
pH	su			7.2	7.4

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
--- - Not Analyzed.

Table 10
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-7S

Analyte	Units	NYS Class GA Water Quality Standards	4/2001	3/2002
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	< 0.005	< 0.005
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	< 0.01	0.03
Copper	mg/L	0.2	< 0.01	0.02
Lead	mg/L	0.025	< 0.005	0.006
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	0.01	0.03
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.



Table 10
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-7S

		NYS Class GA Water Quality Standards		4/2001	3/2002
Analyte	Units				
Oxygen, dissolved	%		-		N/A
Eh	Eh		- -17.1		-62.85
Specific Conductivity	umho		2520		1470
Static Ground Water Elevation	ft		421.39		419.09
Temperature (C)	degC		9.7		9.6
Turbidity	NTU	5	[157]		[24]
Well Volume Removed	gal		4.5		3.3
pH	su		7.3		8.1

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.

Page 2 of 2

Table 11
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-8S

		NYS Class GA Water Quality Standards	4/2001	3/2002
Analyte	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	0.006	0.006
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	< 0.01	< 0.01
Copper	mg/L	0.2	< 0.01	< 0.01
Lead	mg/L	0.025	< 0.005	< 0.005
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	< 0.01	< 0.01
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	[12]	[14]
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.



Table 11
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-8S

NYS Class GA Water Quality Standards		4/2001	3/2002
Analyte	Units		
Oxygen, dissolved	%	-	N/A
Eh	Eh	- 11.42	-22.9
Specific Conductivity	umho	1620	1670
Static Ground Water Elevation	ft	417.38	416.88
Temperature (C)	degC	6.1	6.4
Turbidity	NTU	5 [10]	4
Well Volume Removed	gal	14.4	14.1
pH	su	6.8	7.4

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.

Table 12
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-8D

		NYS Class GA Water Quality Standards	4/2001	3/2002
Analyte	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	0.010	0.012
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	< 0.01	< 0.01
Copper	mg/L	0.2	< 0.01	< 0.01
Lead	mg/L	0.025	< 0.005	< 0.005
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	0.01	0.01
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.



Table 12
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-8D

		NYS Class GA Water Quality Standards		4/2001	3/2002
Analyte	Units				
Oxygen, dissolved	%			-	N/A
Eh	Eh			--11.4	-17.1
Specific Conductivity	umho			2880	2500
Static Ground Water Elevation	ft			417.49	416.29
Temperature (C)	degC			8.1	5.2
Turbidity	NTU	5		[10]	[7]
Well Volume Removed	gal			30.0	29.4
pH	su			7.2	7.3

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
--- - Not Analyzed.

Table 13
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-9S

Analyte	NYS Class GA Water Quality Standards		4/2001	3/2002
	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	0.007	0.014
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	< 0.01	0.01
Copper	mg/L	0.2	< 0.01	0.03
Lead	mg/L	0.025	< 0.005	< 0.005
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	0.04	0.05
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.



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Table 13
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-9S

Analyte	Units	NYS Class GA Water Quality Standards		4/2001	3/2002
Oxygen, dissolved	%			-	N/A
Eh	Eh			- 17.1	-22.9
Specific Conductivity	umho			2280	1690
Static Ground Water Elevation	ft			418.56	417.36
Temperature (C)	degC			6.3	8.2
Turbidity	NTU	5		[> 645]	[56]
Well Volume Removed	gal			5.4	4.8
pH	su			6.7	7.4

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
--- - Not Analyzed.

Table 14
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-9M

Analyte	Units	NYS Class GA Water Quality Standards	4/2001	3/2002
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	0.023	0.023
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	< 0.01	< 0.01
Copper	mg/L	0.2	< 0.01	< 0.01
Lead	mg/L	0.025	< 0.005	< 0.005
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	0.03	0.02
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.



Table 14
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-9M

NYS Class GA Water Quality Standards		4/2001	3/2002
Analyte	Units		
Oxygen, dissolved	%	-	N/A
Eh	Eh	- -5.7	-17.1
Specific Conductivity	umho	1360	1980
Static Ground Water Elevation	ft	418.02	417.32
Temperature (C)	degC	1.1	10.1
Turbidity	NTU	5	[> 297]
Well Volume Removed	gal	18.0	17.7
pH	su	7.1	7.3

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.

Table 15
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-9D

Analyte	NYS Class GA Water Quality Standards		4/2001	3/2002
	Units			
Antimony	mg/L	0.003	< 1	< 1
Arsenic	mg/L	0.025	< 0.1	< 0.1
Beryllium	mg/L	0.003	< 0.2	< 0.2
Cadmium	mg/L	0.005	< 0.2	< 0.2
Chromium	mg/L	0.05	[1.2]	[0.9]
Copper	mg/L	0.2	< 0.2	< 0.2
Lead	mg/L	0.025	< 0.1	< 0.1
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 1	< 1
Selenium	mg/L	0.01	< 0.1	< 0.1
Silver	mg/L	0.05	< 0.2	< 0.2
Thallium	mg/L	0.008	< 0.2	< 0.2
Zinc	mg/L	0.3	< 0.2	< 0.2
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.



Table 15
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-9D

		NYS Class GA Water Quality Standards		4/2001	3/2002
Analyte	Units				
Oxygen, dissolved	%		-		N/A
Eh	Eh		- -74.3		-74.3
Specific Conductivity	umho		10,000		10000
Static Ground Water Elevation	ft		385.71		373.31
Temperature (C)	degC		9.6		10.5
Turbidity	NTU	5	[> 333]		[130]
Well Volume Removed	gal		3.3 (DRY)		2.0(DRY)
pH	su		8.3		8.3

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.

Page 2 of 2

Table 16
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-10S

		NYS Class GA Water Quality Standards	4/2001	3/2002
Analyte	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	< 0.005	0.006
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	[0.56]	[1.6]
Copper	mg/L	0.2	0.03	0.07
Lead	mg/L	0.025	< 0.005	0.008
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		0.06	0.14
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	[0.34]	[0.66]
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.



Table 16
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-10S

		NYS Class GA Water Quality Standards		4/2001	3/2002
Analyte	Units				
Oxygen, dissolved	%		-		N/A
Eh	Eh		-22.9		-28.6
Specific Conductivity	umho		2480		1440
Static Ground Water Elevation	ft		421.02		419.82
Temperature (C)	degC		6.2		8.1
Turbidity	NTU	5	[> 1000]		[80]
Well Volume Removed	gal		5.1		4.5
pH	su		6.6		7.5

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.

Page 2 of 2

Table 17
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-11D

Analyte	NYS Class GA Water Quality Standards		4/2001	3/2002
	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	< 0.005	< 0.005
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	[0.94]	[0.41]
Copper	mg/L	0.2	0.02	< 0.01
Lead	mg/L	0.025	< 0.005	< 0.005
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		0.19	0.09
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	0.01	0.01
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.



Table 17
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-11D

		NYS Class GA Water Quality Standards	4/2001	3/2002
Analyte	Units			
Oxygen, dissolved	%		-	N/A
Eh	Eh		- -11.42	-45.7
Specific Conductivity	umho		1540	1860
Static Ground Water Elevation	ft		421.11	418.91
Temperature (C)	degC		11.1	12.4
Turbidity	NTU	5	[> 745]	[143]
Well Volume Removed	gal		5.1	3.9
pH	su		7.2	7.8

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
--- - Not Analyzed.

Table 18
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
MW-12S

Analyte	NYS Class GA Water Quality Standards		4/2001	3/2002
	Units			
Antimony	mg/L	0.003	< 0.06	< 0.06
Arsenic	mg/L	0.025	< 0.005	0.014
Beryllium	mg/L	0.003	< 0.01	< 0.01
Cadmium	mg/L	0.005	< 0.01	< 0.01
Chromium	mg/L	0.05	0.01	[0.06]
Copper	mg/L	0.2	< 0.01	0.01
Lead	mg/L	0.025	< 0.005	0.009
Mercury	mg/L	0.0007	< 0.0002	< 0.0002
Nickel	mg/L		< 0.05	< 0.05
Selenium	mg/L	0.01	< 0.005	< 0.005
Silver	mg/L	0.05	< 0.01	< 0.01
Thallium	mg/L	0.008	< 0.01	< 0.01
Zinc	mg/L	0.3	0.08	0.19
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.

Table 19
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
SW-1

		NYS Class GA Water Quality Standards	3/2002	6/2002	9/2002	12/2002
Analyte	Units					
Antimony	mg/L	0.003	< 0.06	< 0.06	< 0.060	< 0.060
Arsenic	mg/L	0.025	< 0.005	< 0.005	< 0.0050	< 0.0050
Beryllium	mg/L	0.003	< 0.01	< 0.01	< 0.010	< 0.010
Cadmium	mg/L	0.005	< 0.01	< 0.01	< 0.010	< 0.010
Chromium	mg/L	0.05	< 0.01	< 0.01	< 0.010	< 0.010
Copper	mg/L	0.2	< 0.01	< 0.01	< 0.010	< 0.010
Lead	mg/L	0.025	< 0.005	< 0.005	< 0.0050	< 0.0050
Mercury	mg/L	0.0007	< 0.0002	< 0.0002	< 0.0002	< 0.00020
Nickel	mg/L		< 0.05	< 0.05	< 0.050	< 0.050
Selenium	mg/L	0.01	< 0.005	0.005	< 0.0050	< 0.0050
Silver	mg/L	0.05	< 0.01	< 0.01	< 0.010	< 0.010
Thallium	mg/L	0.008	< 0.01	< 0.01	< 0.010	< 0.010
Zinc	mg/L	0.3	< 0.01	0.03	< 0.010	< 0.010
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10	< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0	< 5.0	[8.8]
Chloroethane	ug/L	5	< 10	< 10	< 10	[10]
Chloroform	ug/L	7	< 5.0	< 5.0	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10	< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---	---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0	< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.

Table 20
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
SW-2

		NYS Class GA Water Quality Standards	3/2002	6/2002	9/2002	12/2002
Analyte	Units					
Antimony	mg/L	0.003	< 0.06	---	---	---
Arsenic	mg/L	0.025	< 0.005	---	---	---
Beryllium	mg/L	0.003	< 0.01	---	---	---
Cadmium	mg/L	0.005	< 0.01	---	---	---
Chromium	mg/L	0.05	< 0.01	---	---	---
Copper	mg/L	0.2	< 0.01	---	---	---
Lead	mg/L	0.025	< 0.005	---	---	---
Mercury	mg/L	0.0007	< 0.0002	---	---	---
Nickel	mg/L		< 0.05	---	---	---
Selenium	mg/L	0.01	< 0.005	---	---	---
Silver	mg/L	0.05	< 0.01	---	---	---
Thallium	mg/L	0.008	< 0.01	---	---	---
Zinc	mg/L	0.3	0.02	---	---	---
1,1,1-Trichloroethane	ug/L	5	< 5.0	---	---	---
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	---	---	---
1,1,2-Trichloroethane	ug/L	5	< 5.0	---	---	---
1,1-Dichloroethane	ug/L	5	< 5.0	---	---	---
1,1-Dichloroethene	ug/L	5	< 5.0	---	---	---
1,2-Dichlorobenzene	ug/L	3	< 5.0	---	---	---
1,2-Dichloroethane	ug/L	5	< 5.0	---	---	---
1,2-Dichloroethene	ug/L	5	---	---	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	---	---	---
1,3-Dichlorobenzene	ug/L	5	< 5.0	---	---	---
1,4-Dichlorobenzene	ug/L	3	< 5.0	---	---	---
2-Chloroethylvinylether	ug/L		< 10	---	---	---
Benzene	ug/L	1	< 5.0	---	---	---
Bromodichloromethane	ug/L	50	< 5.0	---	---	---
Bromoform	ug/L	50	< 5.0	---	---	---
Bromomethane	ug/L	5	< 10	---	---	---
Carbon tetrachloride	ug/L	5	< 5.0	---	---	---
Chlorobenzene	ug/L	5	< 5.0	---	---	---
Chloroethane	ug/L	5	< 10	---	---	---
Chloroform	ug/L	7	< 5.0	---	---	---
Chloromethane	ug/L		< 10	---	---	---
Dibromochloromethane	ug/L	5	< 5.0	---	---	---
Dichlorodifluoromethane	ug/L		---	---	---	---
Methylene chloride	ug/L	5	< 5.0	---	---	---
Ethylbenzene	ug/L	5	< 5.0	---	---	---
Tetrachloroethene	ug/L	5	< 5.0	---	---	---
Toluene	ug/L	5	< 5.0	---	---	---
Trichloroethene	ug/L	5	< 5.0	---	---	---
Trichlorofluoromethane	ug/L		< 5.0	---	---	---
Vinyl chloride	ug/L	2	< 10	---	---	---
Xylene (total)	ug/L	5	< 5.0	---	---	---
cis-1,2-Dichloroethene	ug/L	5	< 5.0	---	---	---
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	---	---	---
trans-1,2-Dichloroethene	ug/L	5	< 5.0	---	---	---
trans-1,3-Dichloropropene	ug/L	5	< 5.0	---	---	---

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.



		NYS Class GA Water Quality Standards	3/2002	6/2002	9/2002	12/2002
Analyte	Units					
Oxygen, dissolved	%		14.05	-	-	-
Eh	Eh		-74.28	--	--	-
Specific Conductivity	umho		368	-	-	-
Static Ground Water Elevation	ft		N/A	-	-	-
Temperature (C)	degC		2.3	-	-	-
Turbidity	NTU	5	[98]	-	-	-
Well Volume Removed	gal		N/A	-	-	-
pH	su		8.3	-	-	-

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.
 * - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.
 --- - Not Analyzed.

Page 2 of 2

Table 21
Town of DeWitt Landfill Quarterly Sampling
Well Water Analysis
SW-3

NYS Class GA Water Quality Standards			3/2002	6/2002	9/2002	12/2002
Analyte	Units					
Antimony	mg/L	0.003	< 0.06	< 0.06	< 0.060	< 0.060
Arsenic	mg/L	0.025	< 0.005	< 0.005	< 0.0050	< 0.0050
Beryllium	mg/L	0.003	< 0.01	< 0.01	< 0.010	< 0.010
Cadmium	mg/L	0.005	< 0.01	< 0.01	< 0.010	< 0.010
Chromium	mg/L	0.05	< 0.01	< 0.01	< 0.010	< 0.010
Copper	mg/L	0.2	< 0.01	< 0.01	< 0.010	< 0.010
Lead	mg/L	0.025	< 0.005	< 0.005	< 0.0050	< 0.0050
Mercury	mg/L	0.0007	< 0.0002	< 0.0002	< 0.0002	< 0.00020
Nickel	mg/L		< 0.05	< 0.05	< 0.050	< 0.050
Selenium	mg/L	0.01	< 0.005	< 0.005	< 0.0050	< 0.0050
Silver	mg/L	0.05	< 0.01	< 0.01	< 0.010	< 0.010
Thallium	mg/L	0.008	< 0.01	< 0.01	< 0.010	< 0.010
Zinc	mg/L	0.3	< 0.01	< 0.01	< 0.010	0.030
1,1,1-Trichloroethane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/L	3	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethene	ug/L	5	---	---	---	---
1,2-Dichloropropane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichlorobenzene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/L	3	< 5.0	< 5.0	< 5.0	< 5.0
2-Chloroethylvinylether	ug/L		< 10	< 10	< 10	< 10
Benzene	ug/L	1	< 5.0	< 5.0	< 5.0	< 5.0
Bromodichloromethane	ug/L	50	< 5.0	< 5.0	< 5.0	< 5.0
Bromoform	ug/L	50	< 5.0	< 5.0	< 5.0	< 5.0
Bromomethane	ug/L	5	< 10	< 10	< 10	< 10
Carbon tetrachloride	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane	ug/L	5	< 10	< 10	< 10	< 10
Chloroform	ug/L	7	< 5.0	< 5.0	< 5.0	< 5.0
Chloromethane	ug/L		< 10	< 10	< 10	< 10
Dibromochloromethane	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Dichlorodifluoromethane	ug/L		---	---	---	---
Methylene chloride	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	ug/L		< 5.0	< 5.0	< 5.0	< 5.0
Vinyl chloride	ug/L	2	< 10	< 10	< 10	< 10
Xylene (total)	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropylene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/L	5	< 5.0	< 5.0	< 5.0	< 5.0

NOTES: [] - Exceeds the New York State Water Quality Standards for Class GA Fresh Ground Water.

* - Elevated detection limits/results due to matrix complexity, coelution, and/or interference.

--- - Not Analyzed.

APPENDICES

Ground water sampling protocol

APPENDIX A

GROUND WATER SAMPLING PROTOCOL

The following procedures will be used to obtain representing ground water samples from monitoring wells. To obtain representative ground water samples from wells containing only a few gallons of water (i.e. most 2 inch I.D. monitoring wells) the bailing procedure is preferred for well evacuation and sampling. To obtain representative ground water samples from wells containing more than a few gallons (i.e. in most 4 inch I.D. and larger monitoring wells) evacuation by pumping generally facilitates more rapid well purging. When the pumping evacuation procedure is used, however, samples should still be collected using a bailer or another appropriate sampling device. Procedures for well purging and sampling are explained in detail below.

General Set-Up Procedures:

On the Ground Water Sampling Field Log (attached), identify the ground water monitoring well number and denote its field location in the spaces provided. At this time, the sampler should put on a new pair of disposable latex rubber or vinyl gloves. Cut a slit in the center of a plastic sheet, and slip it over the well creating a clean surface onto which the sampling equipment can be positioned.

Using an electric well probe measure the depth to water table and depth to the bottom of the well. Both measurements must be taken from a common surveyed datum such as the top of riser pipe. Record this information on the Ground Water Sampling Field Log in the spaces provided. These measurements must be taken prior to sampling as they are used to calculate the volume of ground water within the well. The well probe should be cleaned and rinsed with distilled water prior to use on-site, before insertion into each ground water monitoring well on-site, and after use at the site. Compute the volume of water in the well using the formula provided on the Ground Water Sampling Field Log, and record this information in the spaces provided.

Well Purging (Evacuation) Procedure - Bailing Method:

This method of well evacuation should be used when the volume of water in the well and the depth to the water table make it practical.

Attach an appropriate length of clean polypropylene rope to a clean or dedicated bailer to reach the bottom of the well. Lower the bailer slowly into the well making certain to submerge it only far enough to fill it one-half full. The purpose of this is to recover any oil-film or free-product, if present, on the water table. Pull the bailer out of the well making sure to keep the rope or cable on the plastic sheet. Empty the recovered ground water from the bailer into a clean glass container to observe its appearance. Record the physical appearance of the ground water (color, odor, turbidity, presence of an oil film or free-product) on the Ground Water Sampling Field Log. If

a floating product is observed, estimate its thickness and note this on the Ground Water Sampling Field Log in the notes section.

Initiate the bailing process by lowering the bailer to the bottom of the well, making certain to keep the rope or cable on the plastic sheet. All ground water should be poured from the bailer into a container of known volume in order to measure the volume withdrawn from the well.

Continue bailing the well throughout the water column until a minimum of three (3) well volumes of ground water in the well have been removed, or until the well is bailed dry. If the well is bailed dry, allow sufficient time for the well to recover before sample collection. Record this information on the Ground Water Sampling Field Log.

Well Purging (Evacuation) Procedure - Pumping Method:

Set up the pumping apparatus at the wellhead. The type of pump to be used should be a submersible, inertial (with foot valve), peristaltic, bladder, airlift, centrifugal, or other pump. The pump need not be dedicated to each well. The pump intake should be placed near the base of the well.

Measure and record the volume of water removed from the well. Pumping should continue until at least three (3) well volumes have been removed, or the well is pumped dry. If the well is pumped dry, allow sufficient time for the well to recover before collecting ground water samples. Record this information on the Ground Water Sampling Field Log in the appropriate spaces.

Ground Water Sampling Procedures:

Once the ground water monitoring well has been purged (evacuated), ground water samples may be collected. Remove the sample bottles from their transport containers, and prepare the bottles for receiving samples. Sample bottles should be kept cool (approximately 4°C) with their caps on until they are ready to receive samples. Arrange the sampling containers to allow for convenient filling. Always sample for volatile organics first. Filter samples for metals analysis (if necessary).

To minimize agitation of the water in the well, initiate sampling by lowering the bailer or other appropriate sampling device slowly into the well, making certain to submerge it only far enough to fill it completely.

If the sample bottle cannot be filled quickly, keep them cool with the caps on until they are filled. Return each sample bottle to its proper transport container. Samples must not be allowed to freeze.

Record the physical appearance of the ground water observed during sampling on the Ground Water Sampling Field Log in the spaces provided.

After the last sample container has been filled, note the date and time. Place a sample of well water into a clean glass container and measure the pH, specific conductivity and temperature of the ground water following the procedures outlined in the equipment operation manuals. Record these data on the Ground Water Sampling Field Log.

Sample containers should then be labeled (job number, sample location, sample identification, date, time, samplers initials, and identification of the analyses required, and stored at approximately 4EC in an insulated cooler. Chain-of-Custody documentation will also be initiated, and will accompany the samples from the point of collection to laboratory delivery. Care will be taken to insure that data placed on Ground Water Sampling Field Log, sample labels and tags is identical to data entered on the Chain-of-Custody form. If required by the Chain-of-Custody procedures, the individual sample containers and the sample transport container will be sealed with evidence tape or Chain-of-Custody seals.

Decontaminate or replace dedicated sampling equipment.

Replace the well cap, and lock the well protection assembly before leaving the well location. Place any polypropylene rope, gloves, and plastic sheet into a plastic bag for disposal.

**1st quarter water sampling
field memo and field logs**

From: SR Snell *SS*
 Re: DeWitt Landfill Quarterly Sampling (1st)
 File: 0123/30978
 Date: March 29, 2002

cc: GD Cannerelli
 MJ Petrie

During the period of March 25, 2002 through March 29, 2002, SR Snell traveled to the DeWitt landfill in the Town of DeWitt, New York for the purpose of conducting the first quarter sampling for 2002. The sampling consisted of eighteen (18) monitoring wells (MW-1S, MW-2S, MW-2D, MW-3S, MW-4S, MW-4D, MW-5S, MW-5D, MW-6S, MW-7S, MW-8S, MW-9S, MW-9M, MW-9D, MW-10S, MW-11D, and MW-12S) and three (3) surface water samples (SW-1, SW-2, and SW-3). The weather conditions at the time of sampling on March 25th, 27th, 28th, and 29th were partly sunny and cool (35°F to 45°F), and on March 26th the weather was rainy and cold (35°F).

Before obtaining ground water samples from the monitoring wells, static water elevations were recorded in order to determine the quantity of water to be evacuated from each well. Monitoring Wells were then bailed with a dedicated PVC or stainless steel bailer until a minimum of three well volumes had been removed from each well or until the well went dry. Samples were then collected from each well, using the bailer. The samples were transmitted to OBG Laboratories, Inc. for analysis of volatile organics and priority pollutant metals.

Samples were taken the day after the wells were bailed to reduce turbidity.

Sampling protocol was done in accordance with the O'Brien & Gere Quality Assurance Manual, Volume 8 and the approved Town of DeWitt Landfill Monitoring and Maintenance Operations Manual dated December 1994 and Addendum dated June 1995. Blind duplicate samples were taken at MW-3S.

Field readings were taken for ground water elevations, specific conductivity, temperature, pH, Eh, dissolved oxygen (surface water only) and turbidity. The following table summarizes the pertinent data.

Well	Static Ground Water Elevation (Feet)	Well Volumes Removed Prior to Sampling	Specific Conductivity (uMHOs)	Temp. EC	pH	Eh	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-1S	421.74	3 (3.9 gal.)	1460	10.5	7.7	-40.0	134	-
MW-2S	417.91	3 (11.1 gal.)	2140	8.6	7.6	-34.3	99	-
MW-2D	418.30	3 (19.5 gal.)	2910	7.8	7.6	-34.3	94	-
MW-3S	415.12	3 (7.2 gal.)	2700	6.1	7.3	-17.1	8	-

March 29, 2002
Page 2

MW-4S	414.70	3 (8.7 gal.)	2920	5.6	7.0	0	103	-
MW-4D	414.79	3 (16.5 gal.)	4860	6.8	7.2	-11.42	284	-
MW-5S	414.54	3 (11.4 gal.)	2890	6.1	7.2	-11.42	210	-
MW-5D	414.51	3 (21.0 gal.)	3180	6.0	7.2	-11.42	72	-
MW-6S	413.92	3 (9.9 gal.)	1970	6.1	7.4	-22.9	289	-
MW-7S	419.09	3 (3.3 gal.)	1470	9.6	8.1	-62.85	24	-
MW-8S	416.88	3 (14.1 gal.)	1670	6.4	7.4	-22.9	4	-
MW-8D	416.29	3 (29.4 gal.)	2500	5.2	7.3	-17.1	7	-
MW-9S	417.36	3 (4.8 gal.)	1690	8.2	7.4	-22.9	56	-
MW-9M	417.32	3 (17.7 gal.)	1980	10.1	7.3	-17.1	18	-
MW-9D	373.31	went dry (2.0 gal.)	>10,000	10.5	8.3	-74.3	130	-
MW-10S	419.82	3 (4.5 gal.)	1440	8.1	7.5	-28.6	80	-
MW-11D	418.91	3 (3.9 gal.)	1860	12.4	7.8	-45.7	143	-
MW-12S	418.67	3 (5.7 gal.)	2850	7.5	7.2	-11.42	99	-
SW-1	N/A	N/A	1570	4.5	7.3	-17.1	23	11.34
SW-2	N/A	N/A	368	2.3	8.3	-74.28	98	14.05
SW-3	N/A	N/A	1380	3.6	8.4	-80.00	11	12.43

The samples were hand delivered in a cooler to OBG Laboratories, Inc.

Ground Water Sampling Log

Weather cloudy 35°
 Well # MW-15
 Project # 123/30978
 Excavation Method Dedicated Bailer

Water Volume /ft. for:
2" Diameter Well = 0.163 X LWC
4" Diameter Well = 0.653 X LWC
6" Diameter Well = 1.469 X LWC

Volume removed before sampling 3.9 gal.(s)
Did well go dry? NO

Water parameters:

pH Readings

	Initial	
after 3.9 (gal.)	8.5	
after (gal.)	10.5	
after (gal.)		
after (gal.)		
after (gal.)		

	4.0 Standard	7.0 Standard	10.0 Standard	Initial
after	3.9 (gal.)	4.0	7.0	10.0
after	(gal.)	7.5	7.7	
after	(gal.)			
after	(gal.)			
after	(gal.)			

	84 S Standard	84
	1413 S Standard	1413
	Initial	1720
after	3.9 (gal.)	1760
after	(gal.)	
after	(gal.)	
after	(gal.)	
after	(gal.)	

Time Collected 1:45 3/27/02

3/28/02

Color	cloudy
Odor	None
Turbidity (> 100 NTUs)	< 100
Sheen/Free Product	NO

Sample
cloudy
none
7/100
NO

Parameters of Samples:

Volatile Organics G24 & P.P. Metals

[illegible]

NOTES:

O'BRIEN & GERE ENGINEERS, INC.

Ground Water Sampling Log

Date 3/28/02
 Site Name DEWITT LANDFILL
 Site Location DEWITT, NY
 Personnel SNEEL

Weather Sunny 45°
 Well # MW-25
 Project # 123/30978
 Excavation Method Dedicated Bailor

Depth of Well * 35.59 ft.
 Depth of Water * 12.6 ft.
 Length of Water Column 22.99 ft.
 Volume of Water in Well 3.7 gal.(s)
 3X Volume of Water in Well 11.1 gal.(s)

Water Volume /ft. for:

2" Diameter Well = 0.163 X LWC

4" Diameter Well = 0.653 X LWC

6" Diameter Well = 1.469 X LWC

TOP OF WELL ELEV. 430.51
 WATER TABLE ELEV. 417.91

Volume removed before sampling 11.1 gal.(s)
 Did well go dry? NO

* Measurements taken from

☒ Top of Well Casing☐ Top of Protective Casing

(Other, Specify)

Water parameters:

Temperature Readings

Initial 10.3
 after 11.1 (gal.) 8.6
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 8.8
 after 11.1 (gal.) 7.6
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 2180
 after 11.1 (gal.) 2140
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)

Water Sample:

Time Collected 8:00

Physical Appearance

Color cloudy
 Odor slight
 Turbidity (> 100 NTUs) 7/100
 Sheen/Free Product NO

3/29/02samplecloudyslight7/100NO

Parameters of Samples:

Volatile Organics 624 & P.P. Metals

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
<u>80 mL</u>	<u>Glass Vial</u>	<u>2</u>	<u>N/A</u>	<u>1:1 HCL</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
<u>1 L</u>	<u>Plastic</u>	<u>1</u>	<u>N/A</u>	<u>HNO₃</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

NOTES:

Ground Water Sampling Log

Weather Sunny 45°
Well # MW-20
Project # 123/30978
Excavation Method Dedicated Bailer

Water Volume /ft. for:
2" Diameter Well = 0.163 X LWC
4" Diameter Well = 0.653 X LWC
6" Diameter Well = 1.469 X LWC

Volume removed before sampling $\frac{19.5}{40}$ gal.(s)
Did well go dry?

Water parameters:

Conductivity Readings

84 S Standard 84

1413 S Standard 1413

Initial 2240

after 19.5 (gal.) 2910

after _____ (gal.) _____

after _____ (gal.) _____

after _____ (gal.) _____

after _____ (gal.) _____

cloudy
sulfur
94
NO

Volatile Organics G24 & P.P. Metals

[illegible]

NOTES:

Ground Water Sampling Log

Weather 40° partly sunny
Well # MW-35 & Blind duplicate
Project # 123/30978
Excavation Method Dredged Bailer

Water Volume / ft. for:
2" Diameter Well = 0.163 X LWC
4" Diameter Well = 0.653 X LWC
6" Diameter Well = 1.469 X LWC

Volume removed before sampling 7.2 gal.(s)
Did well go dry? NO

Water parameters:

Conductivity Readings		
	84 S Standard	84
	1413 S Standard	1413
	Initial	2750
after	7.2 (gal.)	2700
after	(gal.)	
after	(gal.)	
after	(gal.)	
after	(gal.)	

3/27/02

1st Bail

SAMPLE

clear
slight
8
NO

Volatile organics G24 & P.P. Metals

[illegible]

NOTES:

Ground Water Sampling Log

Weather 40° Partly Sunny
Well # MW-45
Project # 123/30978
Excavation Method Pneumatic Driller

Water Volume /ft. for:
2" Diameter Well = 0.163 X LWC
4" Diameter Well = 0.653 X LWC
6" Diameter Well = 1.469 X LWC

Volume removed before sampling 8.7 gal.(s)
Did well go dry? NO

• Measurements taken from ☒ Top of Well Casing ☐ Top of Protective Casing ☐ (Other, Specify)

Water parameters:

Conductivity Readings		
	84 S Standard	84
	1413 S Standard	1413
	Initial	2800
after	8.7 (gal.)	2920
after	_____ (gal.)	_____
after	_____ (gal.)	_____
after	_____ (gal.)	_____
after	_____ (gal.)	_____

Water Sample:

3/27/02
SAMPLE

1st Bail

Green
No
103
No

Parameters of Samples:

Volatile Organics 624 & P.P. Metals

[illegible]

NOTES:

Ground Water Sampling Log

Weather 40° partly Sunny
 Well # MW-40
 Project # 123/30978
 Excavation Method Pneumatic Drilling

Water Volume /R. for:

2" Diameter Well	= 0.163 X LWC
4" Diameter Well	= 0.653 X LWC
6" Diameter Well	= 1.469 X LWC

Volume removed before sampling 16.5 gal.(s)
Did well go dry? NO

Water parameters:

pH Readings

	84 S Standard	<u>84</u>
	1413 S Standard	<u>1413</u>
	Initial	<u>7760</u>
after	<u>16.5</u> (gal.)	<u>4960</u>
after	_____ (gal.)	_____
after	_____ (gal.)	_____
after	_____ (gal.)	_____
after	_____ (gal.)	_____

cloudy
sulfur
ZPY
NO

Volatile Organics 624 & P.P. Metals

[illegible]

NOTES:

Ground Water Sampling Log

Weather 40° Partly Sunny
Well # MW-55
Project # 123/30878
Excavation Method Dredged Bailer

Water Volume /ft. for:

- 2" Diameter Well = 0.163 X LWC**
- 4" Diameter Well = 0.653 X LWC**
- 6" Diameter Well = 1.469 X LWC**

Volume removed before sampling 11.4 gal.(s)

Did well go dry? NO

(Other, Specify)

Temperature Readings

pH Readings

Conductivity Readings

84 S Standard	84
1413 S Standard	1413
Initial	2870
11.4 (gal.)	2890
(gal.)	
(gal.)	
(gal.)	
(gal.)	

3/26/02

1st Bail

Sample

cloudy
None
210
NO

Volatile organics G24 & P.P. Metals

[illegible]

NOTES:

Ground Water Sampling Log

Weather 40° partly sunny
Well # MW-50
Project # 123/3097P
Excavation Method Dredged Bailer

Water Volume /ft. for:

- 2" Diameter Well = 0.163 X LWC**
- 4" Diameter Well = 0.653 X LWC**
- 6" Diameter Well = 1.469 X LWC**

Volume removed before sampling 21 gal.(s)
Did well go dry? NO

Water parameters:

Conductivity Readings	
84 S Standard	84
1413 S Standard	1413
Initial	3040
after 21 (gal.)	3180
after _____ (gal.)	_____
after _____ (gal.)	_____
after _____ (gal.)	_____
after _____ (gal.)	_____

clear
None
100
NO

Volatile Organics GZV & P.P. Metals

[illegible]

NOTES:

Ground Water Sampling Log

Weather 40° Partly Sunny
Well # MW-05
Project # 123/30978
Excavation Method Pneumatic Bailer

Water Volume /ft. for:
2" Diameter Well = 0.163 X LWC
4" Diameter Well = 0.653 X LWC
6" Diameter Well = 1.469 X LWC

Volume removed before sampling 9.9 gal.(s)

Did well go dry? NO

• Measurements taken from ☒ Top of Well Casing ☐ Top of Protective Casing ☐ (Other, Specify)

Temperature Readings

	Initial	
after 9.9 (gal.)	7.9	
after (gal.)	6.1	
after (gal.)		
after (gal.)		
after (gal.)		

pH Readings

	4.0 Standard	4.0
	7.0 Standard	7.0
	10.0 Standard	10.0
	Initial	7.0
after	9.9 (gal.)	7.4
after	(gal.)	
after	(gal.)	
after	(gal.)	
after	(gal.)	

Conductivity Readings

	84 S Standard	84
	1413 S Standard	1413
	Initial	1890
after	9.9 (gal.)	1970
after	(gal.)	
after	(gal.)	
after	(gal.)	
after	(gal.)	

Time Collected 12:30

Physical Appearance

Color	Gray
Odor	Slight
NTUs)	208
product	NO

3/20/02
sample

cloudy
slight
289
NO

Parameters of Samples:

Volatile organics 624, E.P.P. Metals

[illegible]

NOTES:

Ground Water Sampling Log

Weather cloudy 35°
Well # MW-75
Project # 123/3097P
Excavation Method Dredged Bailer

Water Volume /ft. for:
2" Diameter Well = 0.163 X LWC
4" Diameter Well = 0.653 X LWC
6" Diameter Well = 1.469 X LWC

Volume removed before sampling 3.3 gal.(s)
Did well go dry? NO

* Measurements taken from ☒ Top of Well Casing ☐ Top of Protective Casing ☐ (Other, Specify)

Temperature Readings

	Initial
after 3.3 (gal.)	8.3
after (gal.)	9.6
after (gal.)	
after (gal.)	
after (gal.)	

pH Readings

	4.0 Standard	4.0
	7.0 Standard	7.0
	10.0 Standard	10.0
	Initial	7.7
after	3.3 (gal.)	8.1
after	(gal.)	
after	(gal.)	
after	(gal.)	
after	(gal.)	

Conductivity Readings

	84 S Standard	84
	1413 S Standard	1413
	Initial	1110
after	3.3 (gal.)	1470
after	(gal.)	
after	(gal.)	
after	(gal.)	
after	(gal.)	

3/28/02

1st Bail

Sample

Color	cloudy
Odor	none
NTUs)	175
product	NO

Clear
None
4/100
NO:

Volatile Organics 624 & P.P. Metals

[illegible]

NOTES:

O'BRIEN & GERE ENGINEERS, INC.

Ground Water Sampling Log

Date 3/26/02
 Site Name DEWITT LANDFILL
 Site Location DEWITT, NY
 Personnel SNEEL

Weather Freezing Rain 35°
 Well # MW-PS
 Project # 123/30878
 Excavation Method Dedicated Bailer

Depth of Well * 29.24 ft.
 Depth of Water * 0.5 ft.
 Length of Water Column 28.74 ft.
 Volume of Water in Well 4.7 gal.(s)
 3X Volume of Water in Well 14.1 gal.(s)

Water Volume /ft. for:

2" Diameter Well = 0.163 X LWC

4" Diameter Well = 0.653 X LWC

6" Diameter Well = 1.469 X LWC

TOP OF WELL ELEV. 417.38WATER TABLE ELEV. 416.88Volume removed before sampling 14.1 gal.(s)Did well go dry? NO

* Measurements taken from

☒ Top of Well Casing☐ Top of Protective Casing

(Other, Specify)

Water parameters:

Temperature Readings

Initial 4.5
 after 14.1 (gal.) 6.4
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 7.2
 after 14.1 (gal.) 7.4
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 1710
 after 14.1 (gal.) 1670
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)

Water Sample:

Time Collected 11:00

Physical Appearance

Color

Odor

Turbidity (> 100 NTUs)

Sheen/Free Product

3/26/021st BailClearNone<100NO3/27/02SampleClearNone<100NO

Parameters of Samples:

Volatile Organics 624 & P.P. Metals

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
<u>40ml</u>	<u>Glass Vial</u>	<u>2</u>	<u>N/A</u>	<u>1% HCL</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
<u>1L</u>	<u>Plastic</u>	<u>1</u>	<u>N/A</u>	<u>HNO₃</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

NOTES:

Ground Water Sampling Log

Weather	Freezing Rain 35°
Well #	MW-8D
Project #	123/3097D
Excavation Method	Hydrocaustic Bailer

Water Volume /ft. for:
 2" Diameter Well = 0.163 X LWC
 4" Diameter Well = 0.653 X LWC
 6" Diameter Well = 1.469 X LWC

Volume removed before sampling 29.4 gal.(s)
Did well go dry? NO

Water parameters:

Conductivity Readings		
	84 S Standard	84
	1413 S Standard	1413
	Initial	2560
after	284 (gal.)	2500
after	(gal.)	
after	(gal.)	
after	(gal.)	
after	(gal.)	

Time Collected 3/27/02 - 11:15
Physical Appearance 1st Bail 3/26/02 3/27/02
Sample

clear
sulfur
4/100
NO

Volatile Organics GZ4 & P.P. Metals

[illegible]

NOTES:

Ground Water Sampling Log

Weather Cloudy 35°
Well # MW-95
Project # 123/30978
Excavation Method Hydraulic Bailer

Water Volume /ft. for:
2" Diameter Well = 0.163 X LWC
4" Diameter Well = 0.659 X LWC
6" Diameter Well = 1.469 X LWC

Volume removed before sampling $\frac{Y.P.}{110}$ gal.(s)
 Did well go dry?

Water parameters:

pH Readings

	84 S Standard	84
	1413 S Standard	1413
	Initial	1750
after	4.8 (gal.)	1690
after	(gal.)	
after	(gal.)	
after	(gal.)	
after	(gal.)	

3/28/02
sample
CLEAR
None
2/100
NO

Volatile Organics GZY & P.P. Metals

[illegible]

NOTES:

Ground Water Sampling Log

Weather Cloudy 35°
Well # MW-914
Project # 123/30978
Excavation Method Indicated Boiler

Water Volume /ft. for:
2" Diameter Well = 0.163 X LWC
4" Diameter Well = 0.653 X LWC
6" Diameter Well = 1.469 X LWC

Volume removed before sampling $\frac{17.7}{No}$ gal.(s)
Did well go dry?

Water parameters:

pH Readings

	84 S Standard	<u>P4</u>
	1413 S Standard	<u>1413</u>
	Initial	<u>960</u>
after	<u>17.7</u> (gal.)	<u>1980</u>
after	_____ (gal.)	_____
after	_____ (gal.)	_____
after	_____ (gal.)	_____
after	_____ (gal.)	_____

3/28/02
Sample
C/Car
Sul/For
C/100
NO

Volatile Organics GZ4 & P.P. Metals

[illegible]

NOTES:

O'BRIEN & GERE ENGINEERS, INC.

Ground Water Sampling Log

Date 3/27/02
 Site Name PWTH Landfill
 Site Location PWTH, NY
 Personnel SNEEL

Weather Cloudy 35°
 Well # HW-90
 Project # 123/30178
 Excavation Method Dedicated Bailer

Depth of Well * 55.10 ft.
 Depth of Water * 47 ft.
 Length of Water Column 8.1 ft.
 Volume of Water in Well 1.5 gal.(s)
 3X Volume of Water in Well 3.9 gal.(s)

Water Volume / ft. for:

2" Diameter Well = 0.163 X LWC

4" Diameter Well = 0.653 X LWC

6" Diameter Well = 1.469 X LWC

TOP OF WELL ELEV 420.31
 WATER TABLE ELEV 373.31

Volume removed before sampling 2 gal.(s)
 Did well go dry? YES

* Measurements taken from ☒ Top of Well Casing ☐ Top of Protective Casing ☐ (Other, Specify)

Water parameters:

Temperature Readings

Initial 7.0
 after 2 (gal.) 10.5
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 8.8
 after 2 (gal.) 8.3
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 10000
 after 2 (gal.) 10000
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)
 after (gal.)

Water Sample:

Time Collected 3/28/02 3/27/02 3/28/02

Physical Appearance

Color cloudy
 Odor None
 Turbidity (> 100 NTUs) 229
 Sheen/Free Product NO

cloudy
None
130
NO

Parameters of Samples:

Volatile Organics G24 & P.P. Metals

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
<u>40 mL</u>	<u>Glass Vial</u>	<u>2</u>	<u>N/A</u>	<u>1:1 HCL</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
<u>1L</u>	<u>Plastic</u>	<u>1</u>	<u>N/A</u>	<u>HNO₃</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

NOTES:

Ground Water Sampling Log

Weather	Sunny 45°
Well #	NW-105
Project #	123/30978
Excavation Method	Hydraulic Sailer

Water Volume /ft. for:
2" Diameter Well = 0.163 X LWC
4" Diameter Well = 0.653 X LWC
6" Diameter Well = 1.469 X LWC

Volume removed before sampling 4.5 gal.(s)
Did well go dry? NO

Water parameters:

pH Readings

	Standard	Initial	Readings
	4.0 Standard		4.0
	7.0 Standard		7.0
	10.0 Standard		10.0
		Initial	7.7
after	4.5 (gal.)		7.5
after	(gal.)		
after	(gal.)		
after	(gal.)		
after	(gal.)		

	84 S Standard	py
	1413 S Standard	1413
	Initial	1420
after	4.5 (gal.)	1440
after	(gal.)	
after	(gal.)	
after	(gal.)	
after	(gal.)	

Sample

cloudy
slight
< 100
NO

Volatile Organics G24 & P.P. Metals

[illegible]

NOTES:

Ground Water Sampling Log

Weather Cloudy 35°
Well # MW-11D
Project # 123/30978
Method dedicated bailer

Water Volume /ft. for:
2" Diameter Well = 0.163 X LWC
4" Diameter Well = 0.653 X LWC
6" Diameter Well = 1.469 X LWC

Volume removed before sampling 3.9 gal.(s)
Did well go dry? NO

Water parameters:

pH	Readings
----	----------

		Initial	9.7
after	3.9 (gal.)		13.2
after	_____ (gal.)		12.4
after	_____ (gal.)		_____
after	_____ (gal.)		_____
after	_____ (gal.)		_____

	4.0 Standard	7.0 Standard	10.0 Standard
after	3.9 (gal.)	7.55	7.80
after	(gal.)		
after	(gal.)		
after	(gal.)		
after	(gal.)		

	84 S Standard	1413 S Standard	Initial
after	3.9 (gal.)		
after	(gal.)		
after	(gal.)		
after	(gal.)		
after	(gal.)		

Time Collected 1:30 3/27/02

1st Bail

Color	cloudy
Odor	slight
NTUs)	166
product	NO

3/28/02
sample

cloudy
slight
183
NO

Volatile organics GZY & P.P. Metals

[illegible]

NOTES:

Ground Water Sampling Log

Weather Sunny 45°
Well # MW-125
Project # 123/30978
Excavation Method Rigidified Reiller

Water Volume /R/ for:
2" Diameter Well = 0.163 X LWC
4" Diameter Well = 0.653 X LWC
6" Diameter Well = 1.469 X LWC

Volume removed before sampling 5.7 gal.(s)
Did well go dry? NO

Water parameters:

pH Readings

Conductivity Readings

	84 S Standard	84
	1413 S Standard	1413
	Initial	2670
after	5.7 (gal.)	2850
after	(gal.)	
after	(gal.)	
after	(gal.)	
after	(gal.)	

cloudy
slight
2/100
NO

Volatile Organics 624 & P.P. Metals

[illegible]

NOTES:

APPENDIX I

SURFACE WATER SAMPLING FIELD LOG

Sample Location SW-1
Sampled By SR SNELL Date 3/27/02 Time 2:00
Weather cloudy 35°F

A. PHYSICAL APPEARANCE:

Color clear Odor slight Turbidity 23

Was an oil film or layer apparent? No

B. CONDUCTIVITY 1570 μ MHO's

C. pH 7.33

D. TEMPERATURE 4.5°C

E. DISOLVED OXYGEN 11.34 mg/L

F. SAMPLING NOTES:

APPENDIX I

SURFACE WATER SAMPLING FIELD LOG

Sample Location SW-2
Sampled By SR SNEEL Date 3/27/02 Time 1145
Weather cloudy 35°F

A. PHYSICAL APPEARANCE:

Color clear w/particles Odor NO Turbidity 98

Was an oil film or layer apparent? NO

B. CONDUCTIVITY 368 μ MHO'S

C. pH 8.3

D. TEMPERATURE 2.3°C

E. DISSOLVED OXYGEN 14.05 mg/L

F. SAMPLING NOTES:

APPENDIX I

SURFACE WATER SAMPLING FIELD LOG

Sample Location SW-3
Sampled By SA SNEEL Date 3/27/02 Time 1:15
Weather Cloudy 35°F

A. PHYSICAL APPEARANCE:

Color clear Odor NO Turbidity 11

Was an oil film or layer apparent? NO

B. CONDUCTIVITY 1380 μ MHO'S

C. pH 8.35

D. TEMPERATURE 3.6 °C

E. DISOLVED OXYGEN 12.43 mg/L

F. SAMPLING NOTES:

**5000 Brillsonfield Parkway
East Syracuse, New York 13057
(315) 437-0200**

Chain of Custody

[illegible]**Comments:**

Imaround Time Required:

Routine _____
Rush (Specify) _____

Solar Temperature: 50°C

[illegible]

Turnaround Time Required:

Routine

Rush (Specify)

Cooler Temperature: 4

Client: TOWN OF PEWITT		Analysis/Method	
Project: PEWITT LANDFILL			
Sampled by: SR SNEEL			
Client Contact: MJ PETRIE			
Phone # 2528			

Sample Description				Analysis/Method		Comments	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		
MW-85	3/27/02	11:00	water	Grab	1	✓	
MW-80		11:15			1	✓	
MW-45		8:45			1	✓	
MW-40		8:30			1	✓	
MW-35		9:00			1	✓	
Blind Duplicate		-			1	✓	
MW-95		9:30			2	✓	
MW-94		10:15			2	✓	
MW-90		12:30			2	✓	
MW-15		2:15			2	✓	
MW-110		3:00			2	✓	

Relinquished by: <u>High Shell</u>	Date: 3/27/02	Time: 14:50	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Lab: <u>Mark F. Jackson</u>	Date: 3/27/2002	Time: 14:50
Shipment Method:			Airbill Number:		

Turnaround Time Required:		Comments:	
Routine			
Rush (Specify)			

Cooler Temperature: 4°C

[illegible]

Turnaround Time Required:

Routine

Rush (Specify) _____

Comments:

Cooler Temperature: 40°

Client: Town of Dewitt

Project: Dewitt Landfill

Sampled by: SR SNEEL

Client Contact: HU PETRIE

Phone # 2528

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers
MW-9S	3/28/02	3:30	Water	Grab	1
MW-9M		3:45			1
MW-9D		4:00			1
MW-1S		1:45			1
MW-11D		1:30			1
MW-7S		1:15			1
MW-2D		8:30			2
MW-2S		10:30			2
MW-12S		2:00			2
MW-10S		2:45			2
Equipment Area		8:45			3
Trip Blank					2

Relinquished by: <u>High School</u>	Date: <u>3/28/02</u>	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by Lab: <u>Monter Jander</u>	Date: <u>3/28/02</u>	Time: <u>4:00</u>
Shipment Method: _____	Airbill Number: _____				

Turnaround Time Required: _____
Routine _____
Rush (Specify) _____

Comments: _____

Cooler Temperature: 3°C

[illegible]**Turnaround Time Required:**

Routine _____
Rush (Specify) _____

Cooler Temperature: 50C

**2nd quarter water sampling field
memo and field logs**

FROM: SR Snell *SAS*
 DATE: June 26, 2002
 FILE: 0123/30978
 RE: DeWitt Landfill Quarterly Sampling (2nd)

cc: GD Cannerelli
 MJ Petrie

On June 26, 2002, SR Snell traveled to the DeWitt landfill in the Town of DeWitt, New York for the purpose of conducting the second quarter sampling for 2002. The sampling consisted of three (3) surface water samples (SW-1, SW-2, and SW-3). The weather conditions at the time of sampling was hot and humid (90°).

Surface water sample SW-2 was dry at the time of sampling.

Sampling protocol was done in accordance with the O'Brien & Gere Quality Assurance Manual, Volume 8 and the approved Town of DeWitt Landfill Monitoring and Maintenance Operations Manual dated December 1994 and Addendum dated June 1995. The surface water samples were transported to OBG Laboratories, Inc. for analysis of volatile organics and priority pollutant metals.

Field readings were taken for specific conductivity, temperature, pH, Eh, dissolved oxygen and turbidity. The following table summarizes the pertinent data.

Well	Static Ground Water Elevation (Feet)	Well Volumes Removed Prior to Sampling	Specific Conductivity (uMHOs)	Temp. EC	pH	Eh	Turbidity (NTU)	Dissolved Oxygen (mg/L)
SW-1	N/A	N/A	1400	20.2	6.2	45.7	<10	10.9
SW-2	Dry	-	-	-	-	-	-	-
SW-3	N/A	N/A	908	24.0	7.2	-11.4	<10	9.2

The samples were hand delivered in a cooler to OBG Laboratories, Inc.

APPENDIX I

SURFACE WATER SAMPLING FIELD LOG

Sample Location SW-1
Sampled By SR SNEEL Date 6/26/02 Time 9:00
Weather HOT & HUMID 90°

A. PHYSICAL APPEARANCE:

Color CLEAR w/PARTICLES Odor SLIGHT Turbidity <10 NTU

Was an oil film or layer apparent? ORGANIC SHEEN

B. CONDUCTIVITY 1400 μ MHO'S

C. pH 6.2

D. TEMPERATURE 20.2°C

E. DISSOLVED OXYGEN 10.9 mg/L

F. SAMPLING NOTES:

SURFACE WATER SAMPLING FIELD LOGSample Location SW-2

Sampled By _____ Date _____ Time _____

Weather _____

A. PHYSICAL APPEARANCE:

Color _____ Odor _____ Turbidity _____

Was an oil film or layer apparent? _____

B. CONDUCTIVITY _____

C. pH _____

D. TEMPERATURE _____

E. DISSOLVED OXYGEN _____

F. SAMPLING NOTES:

DRY

APPENDIX I

SURFACE WATER SAMPLING FIELD LOGSample Location SW-3Sampled By SA SNELLDate 6/20/02 Time 9:30Weather HOT & HUMID 90°

A. PHYSICAL APPEARANCE:

Color CLEAR W/PARTICLES Odor SLIGHT Turbidity 410 NTUWas an oil film or layer apparent? ORGANIC SHEENB. CONDUCTIVITY 908 μ MHO'SC. pH 7.2D. TEMPERATURE 24.0 °CF. DISOLVED OXYGEN 9.2 mg/L

F. SAMPLING NOTES:

[illegible]Cooler Temperature: 15°C

**3rd quarter water sampling field
memo and field logs**

FROM: SR Snell *SS*
 DATE: September 30, 2002
 FILE: 0123/30978
 RE: DeWitt Landfill Quarterly Sampling (3rd)

cc: GD Cannerelli
 MJ Petrie

On September 30, 2002, SR Snell traveled to the DeWitt landfill in the Town of DeWitt, New York for the purpose of conducting the third quarter sampling for 2002. The sampling consisted of three (3) surface water samples (SW-1, SW-2, and SW-3). The weather conditions at the time of sampling was sunny and warm (70°).

Surface water sample SW-2 was dry at the time of sampling.

Sampling protocol was done in accordance with the O'Brien & Gere Quality Assurance Manual, Volume 8 and the approved Town of DeWitt Landfill Monitoring and Maintenance Operations Manual dated December 1994 and Addendum dated June 1995. The surface water samples were transported to OBG Laboratories, Inc. for analysis of volatile organics and priority pollutant metals.

Field readings were taken for specific conductivity, temperature, pH, Eh, dissolved oxygen and turbidity. The following table summarizes the pertinent data.

Well	Static Ground Water Elevation (Feet)	Well Volumes Removed Prior to Sampling	Specific Conductivity (uMHOs)	Temp. °C	pH	Eh	Turbidity (NTU)	Dissolved Oxygen (mg/L)
SW-1	N/A	N/A	1800	16.3	6.9	5.7	121	11.5
SW-2	Dry	-	-	-	-	-	-	-
SW-3	N/A	N/A	1660	16.0	7.4	-23.9	131	13.0

The samples were hand delivered in a cooler to OBG Laboratories, Inc.

APPENDIX I

SURFACE WATER SAMPLING FIELD LOG

Sample Location SW-1
Sampled By SR SNELL Date 9/30/02 Time 9:40
Weather SUNNY 70°F

A. PHYSICAL APPEARANCE:

Color SLIGHT GREEN Odor SLIGHT Turbidity 121 NTU

Was an oil film or layer apparent? ORGANIC SHEEN

B. CONDUCTIVITY 1800 μ MHO'S

C. pH 6.9

D. TEMPERATURE 16.3°C

E. DISOLVED OXYGEN 11.5 mg/L

F. SAMPLING NOTES:

APPENDIX I

SURFACE WATER SAMPLING FIELD LOGSample Location SW-2Sampled By -SR SNELLDate 9/30/02 Time 9:30Weather Sunny 70°F

A. PHYSICAL APPEARANCE:

Color _____ Odor _____ Turbidity _____

Was an oil film or layer apparent? _____

B. CONDUCTIVITY _____

C. pH _____

D. TEMPERATURE _____

F. DISOLVED OXYGEN _____

F. SAMPLING NOTES:

DRY

APPENDIX I

SURFACE WATER SAMPLING FIELD LOGSample Location SW-3Sampled By SR SNEELDate 9/30/02 Time 10:15Weather SUNNY 70°F

A. PHYSICAL APPEARANCE:

Color SLIGHT GREEN Odor NONE Turbidity 131 NTUWas an oil film or layer apparent? NONEB. CONDUCTIVITY 1660 μ MHO'SC. pH 7.4D. TEMPERATURE 16.0 °CF. DISOLVED OXYGEN 13.0 mg/L

F. SAMPLING NOTES:

[illegible]**Comments:**

Turnaround Time Required:

Routine _____
Rush (Specify) _____

hard bed.
130 on ice

Cooler Temperature: 15°C ON-ICE

**4th quarter water sampling field
memo and field logs**

FROM: SR Snell *SJS*
DATE: December 3, 2002
FILE: 0123/30978
RE: DeWitt Landfill Quarterly Sampling (4th)

cc: GD Cannerelli
MJ Petrie

On December 3, 2002, SR Snell traveled to the DeWitt landfill in the Town of DeWitt, New York for the purpose of conducting the fourth quarter sampling for 2002. The sampling consisted of three (3) surface water samples (SW-1, SW-2, and SW-3). The weather conditions at the time of sampling were sunny and cold (10°).

Surface water sample SW-2 was dry at the time of sampling.

Sampling protocol was done in accordance with the O'Brien & Gere Quality Assurance Manual, Volume 8 and the approved Town of DeWitt Landfill Monitoring and Maintenance Operations Manual dated December 1994 and Addendum dated June 1995. The surface water samples were transported to OBG Laboratories, Inc. for analysis of volatile organics and priority pollutant metals.

Field readings were taken for specific conductivity, temperature, pH, Eh, dissolved oxygen and turbidity. The following table summarizes the pertinent data.

Well	Static Ground Water Elevation (Feet)	Well Volumes Removed Prior to Sampling	Specific Conductivity (uMHOs)	Temp. °C	pH	Eh	Turbidity (NTU)	Dissolved Oxygen (mg/L)
SW-1	N/A	N/A	1690	7.0	6.0	57.1	265	6.2
SW-2	Dry	-	-	-	-	-	-	-
SW-3	N/A	N/A	1140	0.0	6.9	5.7	275	9.1

The samples were hand delivered in a cooler to OBG Laboratories, Inc.

APPENDIX I

SURFACE WATER SAMPLING FIELD LOG

Sample Location SW-1
Sampled By SR SNELL Date 12/3/02 Time 8:15
Weather Cold, Sunny 5°F

A. PHYSICAL APPEARANCE:

Color clear/w/ particles Odor sulfur Turbidity 265 NTU

Was an oil film or layer apparent? NO

B. CONDUCTIVITY 1690 μ MHO's

C. pH 5.97

D. TEMPERATURE 7°C

E. DISSOLVED OXYGEN 6.21 mg/L

F. SAMPLING NOTES:

APPENDIX I

SURFACE WATER SAMPLING FIELD LOGSample Location SW-2Sampled By SR SNELLDate 12/3/02 Time 8:00Weather COLD, SUNNY 5°

A. PHYSICAL APPEARANCE:

Color _____ Odor _____ Turbidity _____

Was an oil film or layer apparent? _____

B. CONDUCTIVITY _____

C. pH _____

D. TEMPERATURE _____

E. DISOLVED OXYGEN _____

F. SAMPLING NOTES:

DRY

SURFACE WATER SAMPLING FIELD LOGSample Location SW-3Sampled By ER SNEEL Date 12/3/02 Time 1:45Weather COLD, SUNNY 10°

A. PHYSICAL APPEARANCE:

Color Clear w/particles Odor Slight Turbidity 275Was an oil film or layer apparent? NoB. CONDUCTIVITY 1140 μ MHO'sC. pH 6.9D. TEMPERATURE 0°CE. DISOLVED OXYGEN 9.1 mg/L

F. SAMPLING NOTES:

[illegible]

Turnaround Time Required:

Routine _____
Rush (Specify) _____

Cooler Temperature: 40C

Comments:

	Original Laboratory Copy Client
--	---------------------------------

[illegible]

Turnaround Time Required:

Routine _____
Rush (Specify) _____

Comments:Cooler Temperature: 40c

**1st quarter water sampling
analytical results**

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3009
Samp. Description: MW-1S
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Chloromethane	<10.		1	03/29/02	
Vinyl chloride	<10.		1	03/29/02	
Bromomethane	<10.		1	03/29/02	
Chloroethane	<10.		1	03/29/02	
Trichlorofluoromethane	<5.0		1	03/29/02	
1,1-Dichloroethene	<5.0		1	03/29/02	
Methylene chloride	<5.0		1	03/29/02	
trans-1,2-Dichloroethene	<5.0		1	03/29/02	
1,1-Dichloroethane	<5.0		1	03/29/02	
cis-1,2-Dichloroethene	<5.0		1	03/29/02	
Chloroform	<5.0		1	03/29/02	
1,2-Dichloroethane	<5.0		1	03/29/02	
1,1,1-Trichloroethane	<5.0		1	03/29/02	
Carbon tetrachloride	<5.0		1	03/29/02	
Benzene	<5.0		1	03/29/02	
1,2-Dichloropropane	<5.0		1	03/29/02	
Trichloroethene	<5.0		1	03/29/02	
Bromodichloromethane	<5.0		1	03/29/02	
2-Chloroethylvinyl ether	<10.		1	03/29/02	
cis-1,3-Dichloropropene	<5.0		1	03/29/02	
trans-1,3-Dichloropropene	<5.0		1	03/29/02	
1,1,2-Trichloroethane	<5.0		1	03/29/02	
Toluene	<5.0		1	03/29/02	
Dibromochloromethane	<5.0		1	03/29/02	
Tetrachloroethene	<5.0		1	03/29/02	
Chlorobenzene	<5.0		1	03/29/02	
Ethylbenzene	<5.0		1	03/29/02	

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3009
Samp. Description: MW-1S
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Bromoform	<5.0		1	03/29/02
Xylene (total)	<5.0		1	03/29/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/29/02
1,3-Dichlorobenzene	<5.0		1	03/29/02
1,4-Dichlorobenzene	<5.0		1	03/29/02
1,2-Dichlorobenzene	<5.0		1	03/29/02
Dibromofluoromethane (surrogate)	106.%	71 - 130	1	03/29/02
1,2-Dichloroethane-d4 (surrogate)	109.%	76 - 126	1	03/29/02
Toluene-d8 (surrogate)	92.%	82 - 119	1	03/29/02
Bromofluorobenzene (surrogate)	95.%	75 - 119	1	03/29/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3111
Samp. Description: MW-1S
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	.005	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	.02	200.7	04/10/02	04/12/02	041002W2	1	
Copper	.02	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	.04	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: *Monika Santucci*
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3115
Samp. Description: MW-2S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Chloromethane	<10.		1	03/30/02
Vinyl chloride	<10.		1	03/30/02
Bromomethane	<10.		1	03/30/02
Chloroethane	<10.		1	03/30/02
Trichlorofluoromethane	<5.0		1	03/30/02
1,1-Dichloroethene	<5.0		1	03/30/02
Methylene chloride	<5.0		1	03/30/02
trans-1,2-Dichloroethene	<5.0		1	03/30/02
1,1-Dichloroethane	<5.0		1	03/30/02
cis-1,2-Dichloroethene	<5.0		1	03/30/02
Chloroform	<5.0		1	03/30/02
1,2-Dichloroethane	<5.0		1	03/30/02
1,1,1-Trichloroethane	<5.0		1	03/30/02
Carbon tetrachloride	<5.0		1	03/30/02
Benzene	<5.0		1	03/30/02
1,2-Dichloropropane	<5.0		1	03/30/02
Trichloroethene	<5.0		1	03/30/02
Bromodichloromethane	<5.0		1	03/30/02
2-Chloroethylvinyl ether	<10.		1	03/30/02
cis-1,3-Dichloropropene	<5.0		1	03/30/02
trans-1,3-Dichloropropene	<5.0		1	03/30/02
1,1,2-Trichloroethane	<5.0		1	03/30/02
Toluene	<5.0		1	03/30/02
Dibromochloromethane	<5.0		1	03/30/02
Tetrachloroethene	<5.0		1	03/30/02
Chlorobenzene	<5.0		1	03/30/02
Ethylbenzene	<5.0		1	03/30/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3115
Samp. Description: MW-2S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02
Received: 03/28/02
Prepared: 03/30/02
Matrix: Water
QC Batch: 032902W1
%Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Bromoform	<5.0		1	03/30/02
Xylene (total)	<5.0		1	03/30/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02
1,3-Dichlorobenzene	<5.0		1	03/30/02
1,4-Dichlorobenzene	<5.0		1	03/30/02
1,2-Dichlorobenzene	<5.0		1	03/30/02
Dibromofluoromethane (surrogate)	103.%	71 - 130	1	03/30/02
1,2-Dichloroethane-d4 (surrogate)	99.%	76 - 126	1	03/30/02
Toluene-d8 (surrogate)	96.%	82 - 119	1	03/30/02
Bromofluorobenzene (surrogate)	79.%	75 - 119	1	03/30/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002
Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1661
Sample: U3160
Samp. Description: MW-2S
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/29/02 Matrix: Water
Received: 03/29/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W3	1	
Arsenic	.018	200.7	04/10/02	04/12/02	041002W3	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W3	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W3	1	
Chromium	.11	200.7	04/10/02	04/12/02	041002W3	1	
Copper	.07	200.7	04/10/02	04/12/02	041002W3	1	
Lead	.034	200.7	04/10/02	04/12/02	041002W3	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	.09	200.7	04/10/02	04/12/02	041002W3	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W3	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W3	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W3	1	
Zinc	.22	200.7	04/10/02	04/12/02	041002W3	1	

Notes:

J-Estimated value

Authorized: Monika Santucci
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3114
Samp. Description: MW-2D
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

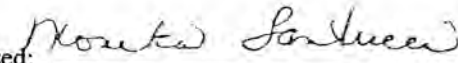
Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Chloromethane	<10.		1	03/30/02
Vinyl chloride	<10.		1	03/30/02
Bromomethane	<10.		1	03/30/02
Chloroethane	<10.		1	03/30/02
Trichlorofluoromethane	<5.0		1	03/30/02
1,1-Dichloroethene	<5.0		1	03/30/02
Methylene chloride	<5.0		1	03/30/02
trans-1,2-Dichloroethene	<5.0		1	03/30/02
1,1-Dichloroethane	<5.0		1	03/30/02
cis-1,2-Dichloroethene	<5.0		1	03/30/02
Chloroform	<5.0		1	03/30/02
1,2-Dichloroethane	<5.0		1	03/30/02
1,1,1-Trichloroethane	<5.0		1	03/30/02
Carbon tetrachloride	<5.0		1	03/30/02
Benzene	<5.0		1	03/30/02
1,2-Dichloropropane	<5.0		1	03/30/02
Trichloroethene	<5.0		1	03/30/02
Bromodichloromethane	<5.0		1	03/30/02
2-Chloroethylvinyl ether	<10.		1	03/30/02
cis-1,3-Dichloropropene	<5.0		1	03/30/02
trans-1,3-Dichloropropene	<5.0		1	03/30/02
1,1,2-Trichloroethane	<5.0		1	03/30/02
Toluene	<5.0		1	03/30/02
Dibromochloromethane	<5.0		1	03/30/02
Tetrachloroethene	<5.0		1	03/30/02
Chlorobenzene	<5.0		1	03/30/02
Ethylbenzene	<5.0		1	03/30/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 624**

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3114
Samp. Description: MW-2D
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Bromoform	<5.0		1	03/30/02
Xylene (total)	<5.0		1	03/30/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02
1,3-Dichlorobenzene	<5.0		1	03/30/02
1,4-Dichlorobenzene	<5.0		1	03/30/02
1,2-Dichlorobenzene	<5.0		1	03/30/02
Dibromofluoromethane (surrogate)	109. %	71 - 130	1	03/30/02
1,2-Dichloroethane-d4 (surrogate)	98. %	76 - 126	1	03/30/02
Toluene-d8 (surrogate)	96. %	82 - 119	1	03/30/02
Bromofluorobenzene (surrogate)	82. %	75 - 119	1	03/30/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1661
Sample: U3159
Samp. Description: MW-2D
Units: mg/L

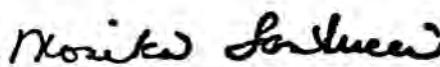
Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/29/02 Matrix: Water
Received: 03/29/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut. Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W3	1
Arsenic	<.005	200.7	04/10/02	04/12/02	041002W3	1
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W3	1
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W3	1
Chromium	.02	200.7	04/10/02	04/12/02	041002W3	1
Copper	<.01	200.7	04/10/02	04/12/02	041002W3	1
Lead	<.005	200.7	04/10/02	04/12/02	041002W3	1
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1
Nickel	<.05	200.7	04/10/02	04/12/02	041002W3	1
Selenium	<.005	200.7	04/10/02	04/12/02	041002W3	1
Silver	<.01	200.7	04/10/02	04/12/02	041002W3	1
Thallium	<.01	200.7	04/10/02	04/12/02	041002W3	1
Zinc	.07	200.7	04/10/02	04/12/02	041002W3	1

Notes:

J-Estimated value

Authorized: 
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2746
Samp. Description: MW-3S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02
Received: 03/25/02
Prepared: 03/30/02
Matrix: Water
QC Batch: 032902W1
%Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Chloromethane	<10.		1	03/30/02
Vinyl chloride	<10.		1	03/30/02
Bromomethane	<10.		1	03/30/02
Chloroethane	<10.		1	03/30/02
Trichlorofluoromethane	<5.0		1	03/30/02
1,1-Dichloroethene	<5.0		1	03/30/02
Methylene chloride	<5.0		1	03/30/02
trans-1,2-Dichloroethene	<5.0		1	03/30/02
1,1-Dichloroethane	<5.0		1	03/30/02
cis-1,2-Dichloroethene	<5.0		1	03/30/02
Chloroform	<5.0		1	03/30/02
1,2-Dichloroethane	<5.0		1	03/30/02
1,1,1-Trichloroethane	<5.0		1	03/30/02
Carbon tetrachloride	<5.0		1	03/30/02
Benzene	<5.0		1	03/30/02
1,2-Dichloropropane	<5.0		1	03/30/02
Trichloroethene	<5.0		1	03/30/02
Bromodichloromethane	<5.0		1	03/30/02
2-Chloroethylvinyl ether	<10.		1	03/30/02
cis-1,3-Dichloropropene	<5.0		1	03/30/02
trans-1,3-Dichloropropene	<5.0		1	03/30/02
1,1,2-Trichloroethane	<5.0		1	03/30/02
Toluene	<5.0		1	03/30/02
Dibromochloromethane	<5.0		1	03/30/02
Tetrachloroethene	<5.0		1	03/30/02
Chlorobenzene	<5.0		1	03/30/02
Ethylbenzene	<5.0		1	03/30/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002
Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2746
Samp. Description: MW-3S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Bromoform	<5.0		1	03/30/02	
Xylene (total)	<5.0		1	03/30/02	
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02	
1,3-Dichlorobenzene	<5.0		1	03/30/02	
1,4-Dichlorobenzene	<5.0		1	03/30/02	
1,2-Dichlorobenzene	<5.0		1	03/30/02	
Dibromofluoromethane (surrogate)	105.%	71 - 130	1	03/30/02	
1,2-Dichloroethane-d4 (surrogate)	98.%	76 - 126	1	03/30/02	
Toluene-d8 (surrogate)	97.%	82 - 119	1	03/30/02	
Bromofluorobenzene (surrogate)	74. % #	75 - 119	1	03/30/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3004
Samp. Description: MW-3S
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	.010	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	<.01	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: Monika Santucci
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2742
Samp. Description: Blind Duplicate
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Chloromethane	<10.	1	03/29/02
Vinyl chloride	<10.	1	03/29/02
Bromomethane	<10.	1	03/29/02
Chloroethane	<10.	1	03/29/02
Trichlorofluoromethane	<5.0	1	03/29/02
1,1-Dichloroethene	<5.0	1	03/29/02
Methylene chloride	<5.0	1	03/29/02
trans-1,2-Dichloroethene	<5.0	1	03/29/02
1,1-Dichloroethane	<5.0	1	03/29/02
cis-1,2-Dichloroethene	<5.0	1	03/29/02
Chloroform	<5.0	1	03/29/02
1,2-Dichloroethane	<5.0	1	03/29/02
1,1,1-Trichloroethane	<5.0	1	03/29/02
Carbon tetrachloride	<5.0	1	03/29/02
Benzene	<5.0	1	03/29/02
1,2-Dichloropropane	<5.0	1	03/29/02
Trichloroethene	<5.0	1	03/29/02
Bromodichloromethane	<5.0	1	03/29/02
2-Chloroethylvinyl ether	<10.	1	03/29/02
cis-1,3-Dichloropropene	<5.0	1	03/29/02
trans-1,3-Dichloropropene	<5.0	1	03/29/02
1,1,2-Trichloroethane	<5.0	1	03/29/02
Toluene	<5.0	1	03/29/02
Dibromochloromethane	<5.0	1	03/29/02
Tetrachloroethene	<5.0	1	03/29/02
Chlorobenzene	<5.0	1	03/29/02
Ethylbenzene	<5.0	1	03/29/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 624**

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2742
Samp. Description: Blind Duplicate
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Bromoform	<5.0		1	03/29/02
Xylene (total)	<5.0		1	03/29/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/29/02
1,3-Dichlorobenzene	<5.0		1	03/29/02
1,4-Dichlorobenzene	<5.0		1	03/29/02
1,2-Dichlorobenzene	<5.0		1	03/29/02
Dibromofluoromethane (surrogate)	103. %	71 - 130	1	03/29/02
1,2-Dichloroethane-d4 (surrogate)	97. %	76 - 126	1	03/29/02
Toluene-d8 (surrogate)	95. %	82 - 119	1	03/29/02
Bromofluorobenzene (surrogate)	82. %	75 - 119	1	03/29/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3005
Samp. Description: Blind Duplicate
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	.005	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Notes:							

J-Estimated value

Authorized: Monika Santucci
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2744
Samp. Description: MW-4S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Chloromethane	<10.		1	03/30/02	
Vinyl chloride	<10.		1	03/30/02	
Bromomethane	<10.		1	03/30/02	
Chloroethane	<10.		1	03/30/02	
Trichlorofluoromethane	<5.0		1	03/30/02	
1,1-Dichloroethene	<5.0		1	03/30/02	
Methylene chloride	<5.0		1	03/30/02	
trans-1,2-Dichloroethene	<5.0		1	03/30/02	
1,1-Dichloroethane	<5.0		1	03/30/02	
cis-1,2-Dichloroethene	5.7		1	03/30/02	
Chloroform	<5.0		1	03/30/02	
1,2-Dichloroethane	<5.0		1	03/30/02	
1,1,1-Trichloroethane	<5.0		1	03/30/02	
Carbon tetrachloride	<5.0		1	03/30/02	
Benzene	<5.0		1	03/30/02	
1,2-Dichloropropane	<5.0		1	03/30/02	
Trichloroethene	<5.0		1	03/30/02	
Bromodichloromethane	<5.0		1	03/30/02	
2-Chloroethylvinyl ether	<10.		1	03/30/02	
cis-1,3-Dichloropropene	<5.0		1	03/30/02	
trans-1,3-Dichloropropene	<5.0		1	03/30/02	
1,1,2-Trichloroethane	<5.0		1	03/30/02	
Toluene	<5.0		1	03/30/02	
Dibromochloromethane	<5.0		1	03/30/02	
Tetrachloroethene	<5.0		1	03/30/02	
Chlorobenzene	<5.0		1	03/30/02	
Ethylbenzene	<5.0		1	03/30/02	

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2744
Samp. Description: MW-4S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Bromoform	<5.0		1	03/30/02
Xylene (total)	<5.0		1	03/30/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02
1,3-Dichlorobenzene	<5.0		1	03/30/02
1,4-Dichlorobenzene	<5.0		1	03/30/02
1,2-Dichlorobenzene	<5.0		1	03/30/02
Dibromofluoromethane (surrogate)	106.%	71 - 130	1	03/30/02
1,2-Dichloroethane-d4 (surrogate)	98.%	76 - 126	1	03/30/02
Toluene-d8 (surrogate)	99.%	82 - 119	1	03/30/02
Bromofluorobenzene (surrogate)	78.%	75 - 119	1	03/30/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3002
Samp. Description: MW-4S
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	<.01	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: Monika Santucci
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2743
Samp. Description: MW-4D
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Chloromethane	<10.	1	03/30/02
Vinyl chloride	<10.	1	03/30/02
Bromomethane	<10.	1	03/30/02
Chloroethane	<10.	1	03/30/02
Trichlorofluoromethane	<5.0	1	03/30/02
1,1-Dichloroethene	<5.0	1	03/30/02
Methylene chloride	<5.0	1	03/30/02
trans-1,2-Dichloroethene	<5.0	1	03/30/02
1,1-Dichloroethane	<5.0	1	03/30/02
cis-1,2-Dichloroethene	11.	1	03/30/02
Chloroform	<5.0	1	03/30/02
1,2-Dichloroethane	<5.0	1	03/30/02
1,1,1-Trichloroethane	<5.0	1	03/30/02
Carbon tetrachloride	<5.0	1	03/30/02
Benzene	<5.0	1	03/30/02
1,2-Dichloropropane	<5.0	1	03/30/02
Trichloroethene	<5.0	1	03/30/02
Bromodichloromethane	<5.0	1	03/30/02
2-Chloroethylvinyl ether	<10.	1	03/30/02
cis-1,3-Dichloropropene	<5.0	1	03/30/02
trans-1,3-Dichloropropene	<5.0	1	03/30/02
1,1,2-Trichloroethane	<5.0	1	03/30/02
Toluene	<5.0	1	03/30/02
Dibromochloromethane	<5.0	1	03/30/02
Tetrachloroethene	<5.0	1	03/30/02
Chlorobenzene	<5.0	1	03/30/02
Ethylbenzene	<5.0	1	03/30/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 624**

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2743
Samp. Description: MW-4D
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

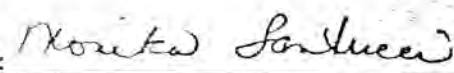
Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Bromoform	<5.0		1	03/30/02
Xylene (total)	<5.0		1	03/30/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02
1,3-Dichlorobenzene	<5.0		1	03/30/02
1,4-Dichlorobenzene	<5.0		1	03/30/02
1,2-Dichlorobenzene	<5.0		1	03/30/02
Dibromofluoromethane (surrogate)	106. %	71 - 130	1	03/30/02
1,2-Dichloroethane-d4 (surrogate)	98. %	76 - 126	1	03/30/02
Toluene-d8 (surrogate)	97. %	82 - 119	1	03/30/02
Bromofluorobenzene (surrogate)	80. %	75 - 119	1	03/30/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3003
Samp. Description: MW-4D
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	<.01	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: *Monika Santucci*

Date: April 14, 2002

Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2740
Samp. Description: MW-5S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Chloromethane	<10.		1	03/29/02
Vinyl chloride	<10.		1	03/29/02
Bromomethane	<10.		1	03/29/02
Chloroethane	<10.		1	03/29/02
Trichlorofluoromethane	<5.0		1	03/29/02
1,1-Dichloroethene	<5.0		1	03/29/02
Methylene chloride	<5.0		1	03/29/02
trans-1,2-Dichloroethene	<5.0		1	03/29/02
1,1-Dichloroethane	<5.0		1	03/29/02
cis-1,2-Dichloroethene	<5.0		1	03/29/02
Chloroform	<5.0		1	03/29/02
1,2-Dichloroethane	<5.0		1	03/29/02
1,1,1-Trichloroethane	<5.0		1	03/29/02
Carbon tetrachloride	<5.0		1	03/29/02
Benzene	<5.0		1	03/29/02
1,2-Dichloropropane	<5.0		1	03/29/02
Trichloroethene	<5.0		1	03/29/02
Bromodichloromethane	<5.0		1	03/29/02
2-Chloroethylvinyl ether	<10.		1	03/29/02
cis-1,3-Dichloropropene	<5.0		1	03/29/02
trans-1,3-Dichloropropene	<5.0		1	03/29/02
1,1,2-Trichloroethane	<5.0		1	03/29/02
Toluene	<5.0		1	03/29/02
Dibromochloromethane	<5.0		1	03/29/02
Tetrachloroethene	<5.0		1	03/29/02
Chlorobenzene	<5.0		1	03/29/02
Ethylbenzene	<5.0		1	03/29/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 624**

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2740
Samp. Description: MW-5S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Bromoform	<5.0		1	03/29/02
Xylene (total)	<5.0		1	03/29/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/29/02
1,3-Dichlorobenzene	<5.0		1	03/29/02
1,4-Dichlorobenzene	<5.0		1	03/29/02
1,2-Dichlorobenzene	<5.0		1	03/29/02
Dibromofluoromethane (surrogate)	106. %	71 - 130	1	03/29/02
1,2-Dichloroethane-d4 (surrogate)	98. %	76 - 126	1	03/29/02
Toluene-d8 (surrogate)	95. %	82 - 119	1	03/29/02
Bromofluorobenzene (surrogate)	81. %	75 - 119	1	03/29/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1613
Sample: U2870
Samp. Description: MW-5S
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/26/02 Matrix: Water
Received: 03/26/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	.030	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	.07	200.7	04/10/02	04/12/02	041002W2	1	
Copper	.05	200.7	04/10/02	04/12/02	041002W2	1	
Lead	.024	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	03/27/02	03/27/02	032702W2	1	
Nickel	.06	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	.11	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: Monika Santucci
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2741
Samp. Description: MW-5D
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Chloromethane	<10.		1	03/29/02	
Vinyl chloride	<10.		1	03/29/02	
Bromomethane	<10.		1	03/29/02	
Chloroethane	<10.		1	03/29/02	
Trichlorofluoromethane	<5.0		1	03/29/02	
1,1-Dichloroethene	<5.0		1	03/29/02	
Methylene chloride	<5.0		1	03/29/02	
trans-1,2-Dichloroethene	<5.0		1	03/29/02	
1,1-Dichloroethane	<5.0		1	03/29/02	
cis-1,2-Dichloroethene	<5.0		1	03/29/02	
Chloroform	<5.0		1	03/29/02	
1,2-Dichloroethane	<5.0		1	03/29/02	
1,1,1-Trichloroethane	<5.0		1	03/29/02	
Carbon tetrachloride	<5.0		1	03/29/02	
Benzene	<5.0		1	03/29/02	
1,2-Dichloropropane	<5.0		1	03/29/02	
Trichloroethene	<5.0		1	03/29/02	
Bromodichloromethane	<5.0		1	03/29/02	
2-Chloroethylvinyl ether	<10.		1	03/29/02	
cis-1,3-Dichloropropene	<5.0		1	03/29/02	
trans-1,3-Dichloropropene	<5.0		1	03/29/02	
1,1,2-Trichloroethane	<5.0		1	03/29/02	
Toluene	<5.0		1	03/29/02	
Dibromochloromethane	<5.0		1	03/29/02	
Tetrachloroethene	<5.0		1	03/29/02	
Chlorobenzene	<5.0		1	03/29/02	
Ethylbenzene	<5.0		1	03/29/02	

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2741
Samp. Description: MW-5D
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Bromoform	<5.0		1	03/29/02	
Xylene (total)	<5.0		1	03/29/02	
1,1,2,2-Tetrachloroethane	<5.0		1	03/29/02	
1,3-Dichlorobenzene	<5.0		1	03/29/02	
1,4-Dichlorobenzene	<5.0		1	03/29/02	
1,2-Dichlorobenzene	<5.0		1	03/29/02	
Dibromofluoromethane (surrogate)	106. %	71 - 130	1	03/29/02	
1,2-Dichloroethane-d4 (surrogate)	99. %	76 - 126	1	03/29/02	
Toluene-d8 (surrogate)	95. %	82 - 119	1	03/29/02	
Bromofluorobenzene (surrogate)	82. %	75 - 119	1	03/29/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1613
Sample: U2871
Samp. Description: MW-5D
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/26/02 Matrix: Water
Received: 03/26/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	.014	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	.13	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	03/27/02	03/27/02	032702W2	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	.02	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: *Monika Santucci*
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2745
Samp. Description: MW-6S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Chloromethane	<10.		1	03/30/02
Vinyl chloride	<10.		1	03/30/02
Bromomethane	<10.		1	03/30/02
Chloroethane	<10.		1	03/30/02
Trichlorofluoromethane	<5.0		1	03/30/02
1,1-Dichloroethene	<5.0		1	03/30/02
Methylene chloride	<5.0		1	03/30/02
trans-1,2-Dichloroethene	<5.0		1	03/30/02
1,1-Dichloroethane	<5.0		1	03/30/02
cis-1,2-Dichloroethene	<5.0		1	03/30/02
Chloroform	<5.0		1	03/30/02
1,2-Dichloroethane	<5.0		1	03/30/02
1,1,1-Trichloroethane	<5.0		1	03/30/02
Carbon tetrachloride	<5.0		1	03/30/02
Benzene	<5.0		1	03/30/02
1,2-Dichloropropane	<5.0		1	03/30/02
Trichloroethene	<5.0		1	03/30/02
Bromodichloromethane	<5.0		1	03/30/02
2-Chloroethylvinyl ether	<10.		1	03/30/02
cis-1,3-Dichloropropene	<5.0		1	03/30/02
trans-1,3-Dichloropropene	<5.0		1	03/30/02
1,1,2-Trichloroethane	<5.0		1	03/30/02
Toluene	<5.0		1	03/30/02
Dibromochloromethane	<5.0		1	03/30/02
Tetrachloroethene	<5.0		1	03/30/02
Chlorobenzene	<5.0		1	03/30/02
Ethylbenzene	<5.0		1	03/30/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 624**

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2745
Samp. Description: MW-6S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Bromoform	<5.0		1	03/30/02
Xylene (total)	<5.0		1	03/30/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02
1,3-Dichlorobenzene	<5.0		1	03/30/02
1,4-Dichlorobenzene	<5.0		1	03/30/02
1,2-Dichlorobenzene	<5.0		1	03/30/02
Dibromofluoromethane (surrogate)	107. %	71 - 130	1	03/30/02
1,2-Dichloroethane-d4 (surrogate)	100. %	76 - 126	1	03/30/02
Toluene-d8 (surrogate)	96. %	82 - 119	1	03/30/02
Bromofluorobenzene (surrogate)	79. %	75 - 119	1	03/30/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1613
Sample: U2869
Samp. Description: MW-6S
Units: mg/L

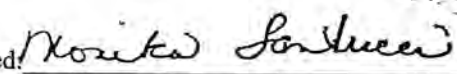
Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/26/02 Matrix: Water
Received: 03/26/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	03/27/02	03/27/02	032702W2	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	.02	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: 
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3011
Samp. Description: MW-7S
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Chloromethane	<10.		1	03/29/02	
Vinyl chloride	<10.		1	03/29/02	
Bromomethane	<10.		1	03/29/02	
Chloroethane	<10.		1	03/29/02	
Trichlorofluoromethane	<5.0		1	03/29/02	
1,1-Dichloroethene	<5.0		1	03/29/02	
Methylene chloride	<5.0		1	03/29/02	
trans-1,2-Dichloroethene	<5.0		1	03/29/02	
1,1-Dichloroethane	<5.0		1	03/29/02	
cis-1,2-Dichloroethene	<5.0		1	03/29/02	
Chloroform	<5.0		1	03/29/02	
1,2-Dichloroethane	<5.0		1	03/29/02	
1,1,1-Trichloroethane	<5.0		1	03/29/02	
Carbon tetrachloride	<5.0		1	03/29/02	
Benzene	<5.0		1	03/29/02	
1,2-Dichloropropane	<5.0		1	03/29/02	
Trichloroethene	<5.0		1	03/29/02	
Bromodichloromethane	<5.0		1	03/29/02	
2-Chloroethylvinyl ether	<10.		1	03/29/02	
cis-1,3-Dichloropropene	<5.0		1	03/29/02	
trans-1,3-Dichloropropene	<5.0		1	03/29/02	
1,1,2-Trichloroethane	<5.0		1	03/29/02	
Toluene	<5.0		1	03/29/02	
Dibromochloromethane	<5.0		1	03/29/02	
Tetrachloroethene	<5.0		1	03/29/02	
Chlorobenzene	<5.0		1	03/29/02	
Ethylbenzene	<5.0		1	03/29/02	

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: April 1, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3011
Samp. Description: MW-7S
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Bromoform	<5.0		1	03/29/02
Xylene (total)	<5.0		1	03/29/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/29/02
1,3-Dichlorobenzene	<5.0		1	03/29/02
1,4-Dichlorobenzene	<5.0		1	03/29/02
1,2-Dichlorobenzene	<5.0		1	03/29/02
Dibromofluoromethane (surrogate)	110.%	71 - 130	1	03/29/02
1,2-Dichloroethane-d4 (surrogate)	115.%	76 - 126	1	03/29/02
Toluene-d8 (surrogate)	95.%	82 - 119	1	03/29/02
Bromofluorobenzene (surrogate)	92.%	75 - 119	1	03/29/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3113
Samp. Description: MW-7S
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	.03	200.7	04/10/02	04/12/02	041002W2	1	
Copper	.02	200.7	04/10/02	04/12/02	041002W2	1	
Lead	.006	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	.03	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: *Monika Santucci*
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1613
Sample: U2867
Samp. Description: MW-8S
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/26/02 Matrix: Water
Received: 03/26/02 QC Batch: 040102W2
Prepared: 04/01/02 %Solids:
Purge volume: 25 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Chloromethane	<10.		5	04/01/02	
Vinyl chloride	14.		5	04/01/02	
Bromomethane	<10.		5	04/01/02	
Chloroethane	<10.		5	04/01/02	
Trichlorofluoromethane	<5.0		5	04/01/02	
1,1-Dichloroethene	<5.0		5	04/01/02	
Methylene chloride	<5.0		5	04/01/02	
trans-1,2-Dichloroethene	<5.0		5	04/01/02	
1,1-Dichloroethane	<5.0		5	04/01/02	
cis-1,2-Dichloroethene	<5.0		5	04/01/02	
Chloroform	<5.0		5	04/01/02	
1,2-Dichloroethane	<5.0		5	04/01/02	
1,1,1-Trichloroethane	<5.0		5	04/01/02	
Carbon tetrachloride	<5.0		5	04/01/02	
Benzene	<5.0		5	04/01/02	
1,2-Dichloropropane	<5.0		5	04/01/02	
Trichloroethene	<5.0		5	04/01/02	
Bromodichloromethane	<5.0		5	04/01/02	
2-Chloroethylvinyl ether	<10.		5	04/01/02	
cis-1,3-Dichloropropene	<5.0		5	04/01/02	
trans-1,3-Dichloropropene	<5.0		5	04/01/02	
1,1,2-Trichloroethane	<5.0		5	04/01/02	
Toluene	<5.0		5	04/01/02	
Dibromochloromethane	<5.0		5	04/01/02	
Tetrachloroethene	<5.0		5	04/01/02	
Chlorobenzene	<5.0		5	04/01/02	
Ethylbenzene	<5.0		5	04/01/02	

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 2, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1613
Sample: U2867
Samp. Description: MW-8S
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/26/02 Matrix: Water
Received: 03/26/02 QC Batch: 040102W2
Prepared: 04/01/02 %Solids:
Purge volume: 25 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Bromoform	<5.0		5	04/01/02	
Xylene (total)	<5.0		5	04/01/02	
1,1,2,2-Tetrachloroethane	<5.0		5	04/01/02	
1,3-Dichlorobenzene	<5.0		5	04/01/02	
1,4-Dichlorobenzene	<5.0		5	04/01/02	
1,2-Dichlorobenzene	<5.0		5	04/01/02	
Dibromofluoromethane (surrogate)	109.%	71 - 130	5	04/01/02	
1,2-Dichloroethane-d4 (surrogate)	111.%	76 - 126	5	04/01/02	
Toluene-d8 (surrogate)	100.%	82 - 119	5	04/01/02	
Bromofluorobenzene (surrogate)	98.%	75 - 119	5	04/01/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 2, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3000
Samp. Description: MW-8S
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 %Solids:

Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	.006	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	<.01	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: Monika Santucci
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1613
Sample: U2868
Samp. Description: MW-8D
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/26/02 Matrix: Water
Received: 03/26/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Chloromethane	<10.		1	03/30/02
Vinyl chloride	<10.		1	03/30/02
Bromomethane	<10.		1	03/30/02
Chloroethane	<10.		1	03/30/02
Trichlorofluoromethane	<5.0		1	03/30/02
1,1-Dichloroethene	<5.0		1	03/30/02
Methylene chloride	<5.0		1	03/30/02
trans-1,2-Dichloroethene	<5.0		1	03/30/02
1,1-Dichloroethane	<5.0		1	03/30/02
cis-1,2-Dichloroethene	<5.0		1	03/30/02
Chloroform	<5.0		1	03/30/02
1,2-Dichloroethane	<5.0		1	03/30/02
1,1,1-Trichloroethane	<5.0		1	03/30/02
Carbon tetrachloride	<5.0		1	03/30/02
Benzene	<5.0		1	03/30/02
1,2-Dichloropropane	<5.0		1	03/30/02
Trichloroethene	<5.0		1	03/30/02
Bromodichloromethane	<5.0		1	03/30/02
2-Chloroethylvinyl ether	<10.		1	03/30/02
cis-1,3-Dichloropropene	<5.0		1	03/30/02
trans-1,3-Dichloropropene	<5.0		1	03/30/02
1,1,2-Trichloroethane	<5.0		1	03/30/02
Toluene	<5.0		1	03/30/02
Dibromochloromethane	<5.0		1	03/30/02
Tetrachloroethene	<5.0		1	03/30/02
Chlorobenzene	<5.0		1	03/30/02
Ethylbenzene	<5.0		1	03/30/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 624**

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1613
Sample: U2868
Samp. Description: MW-8D
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/26/02 Matrix: Water
Received: 03/26/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Bromoform	<5.0		1	03/30/02	
Xylene (total)	<5.0		1	03/30/02	
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02	
1,3-Dichlorobenzene	<5.0		1	03/30/02	
1,4-Dichlorobenzene	<5.0		1	03/30/02	
1,2-Dichlorobenzene	<5.0		1	03/30/02	
Dibromofluoromethane (surrogate)	110.%	71 - 130	1	03/30/02	
1,2-Dichloroethane-d4 (surrogate)	100.%	76 - 126	1	03/30/02	
Toluene-d8 (surrogate)	97.%	82 - 119	1	03/30/02	
Bromofluorobenzene (surrogate)	79.%	75 - 119	1	03/30/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3001
Samp. Description: MW-8D
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut. Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1
Arsenic	.012	200.7	04/10/02	04/12/02	041002W2	1
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1
Chromium	<.01	200.7	04/10/02	04/12/02	041002W2	1
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1
Zinc	.01	200.7	04/10/02	04/12/02	041002W2	1

Notes:

J-Estimated value

Authorized: *Monika Santucci*
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3006
Samp. Description: MW-9S
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Chloromethane	<10.	1	03/29/02
Vinyl chloride	<10.	1	03/29/02
Bromomethane	<10.	1	03/29/02
Chloroethane	<10.	1	03/29/02
Trichlorofluoromethane	<5.0	1	03/29/02
1,1-Dichloroethene	<5.0	1	03/29/02
Methylene chloride	<5.0	1	03/29/02
trans-1,2-Dichloroethene	<5.0	1	03/29/02
1,1-Dichloroethane	<5.0	1	03/29/02
cis-1,2-Dichloroethene	<5.0	1	03/29/02
Chloroform	<5.0	1	03/29/02
1,2-Dichloroethane	<5.0	1	03/29/02
1,1,1-Trichloroethane	<5.0	1	03/29/02
Carbon tetrachloride	<5.0	1	03/29/02
Benzene	<5.0	1	03/29/02
1,2-Dichloropropane	<5.0	1	03/29/02
Trichloroethene	<5.0	1	03/29/02
Bromodichloromethane	<5.0	1	03/29/02
2-Chloroethylvinyl ether	<10.	1	03/29/02
cis-1,3-Dichloropropene	<5.0	1	03/29/02
trans-1,3-Dichloropropene	<5.0	1	03/29/02
1,1,2-Trichloroethane	<5.0	1	03/29/02
Toluene	<5.0	1	03/29/02
Dibromochloromethane	<5.0	1	03/29/02
Tetrachloroethene	<5.0	1	03/29/02
Chlorobenzene	<5.0	1	03/29/02
Ethylbenzene	<5.0	1	03/29/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3006
Samp. Description: MW-9S
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

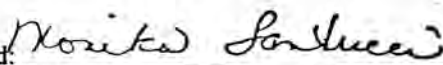
Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Bromoform	<5.0		1	03/29/02	
Xylene (total)	<5.0		1	03/29/02	
1,1,2,2-Tetrachloroethane	<5.0		1	03/29/02	
1,3-Dichlorobenzene	<5.0		1	03/29/02	
1,4-Dichlorobenzene	<5.0		1	03/29/02	
1,2-Dichlorobenzene	<5.0		1	03/29/02	
Dibromofluoromethane (surrogate)	110. %	71 - 130	1	03/29/02	
1,2-Dichloroethane-d4 (surrogate)	117. %	76 - 126	1	03/29/02	
Toluene-d8 (surrogate)	92. %	82 - 119	1	03/29/02	
Bromofluorobenzene (surrogate)	89. %	75 - 119	1	03/29/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3108
Samp. Description: MW-9S
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	.014	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	.01	200.7	04/10/02	04/12/02	041002W2	1	
Copper	.03	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	.05	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: Monika Santucci
Date: April 14, 2002 Monika Santucci

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O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3007
Samp. Description: MW-9M
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Chloromethane	<10.		1	03/29/02	
Vinyl chloride	<10.		1	03/29/02	
Bromomethane	<10.		1	03/29/02	
Chloroethane	<10.		1	03/29/02	
Trichlorofluoromethane	<5.0		1	03/29/02	
1,1-Dichloroethene	<5.0		1	03/29/02	
Methylene chloride	<5.0		1	03/29/02	
trans-1,2-Dichloroethene	<5.0		1	03/29/02	
1,1-Dichloroethane	<5.0		1	03/29/02	
cis-1,2-Dichloroethene	<5.0		1	03/29/02	
Chloroform	<5.0		1	03/29/02	
1,2-Dichloroethane	<5.0		1	03/29/02	
1,1,1-Trichloroethane	<5.0		1	03/29/02	
Carbon tetrachloride	<5.0		1	03/29/02	
Benzene	<5.0		1	03/29/02	
1,2-Dichloropropane	<5.0		1	03/29/02	
Trichloroethene	<5.0		1	03/29/02	
Bromodichloromethane	<5.0		1	03/29/02	
2-Chloroethylvinyl ether	<10.		1	03/29/02	
cis-1,3-Dichloropropene	<5.0		1	03/29/02	
trans-1,3-Dichloropropene	<5.0		1	03/29/02	
1,1,2-Trichloroethane	<5.0		1	03/29/02	
Toluene	<5.0		1	03/29/02	
Dibromochloromethane	<5.0		1	03/29/02	
Tetrachloroethene	<5.0		1	03/29/02	
Chlorobenzene	<5.0		1	03/29/02	
Ethylbenzene	<5.0		1	03/29/02	

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3007
Samp. Description: MW-9M
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Bromoform	<5.0		1	03/29/02	
Xylene (total)	<5.0		1	03/29/02	
1,1,2,2-Tetrachloroethane	<5.0		1	03/29/02	
1,3-Dichlorobenzene	<5.0		1	03/29/02	
1,4-Dichlorobenzene	<5.0		1	03/29/02	
1,2-Dichlorobenzene	<5.0		1	03/29/02	
Dibromofluoromethane (surrogate)	111.%	71 - 130	1	03/29/02	
1,2-Dichloroethane-d4 (surrogate)	112.%	76 - 126	1	03/29/02	
Toluene-d8 (surrogate)	95.%	82 - 119	1	03/29/02	
Bromofluorobenzene (surrogate)	95.%	75 - 119	1	03/29/02	

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3109
Samp. Description: MW-9M
Units: mg/L

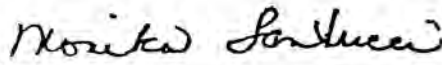
Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	.023	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	.02	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: 
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3008
Samp. Description: MW-9D
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Chloromethane	<10.		1	03/29/02	
Vinyl chloride	<10.		1	03/29/02	
Bromomethane	<10.		1	03/29/02	
Chloroethane	<10.		1	03/29/02	
Trichlorofluoromethane	<5.0		1	03/29/02	
1,1-Dichloroethene	<5.0		1	03/29/02	
Methylene chloride	<5.0		1	03/29/02	
trans-1,2-Dichloroethene	<5.0		1	03/29/02	
1,1-Dichloroethane	<5.0		1	03/29/02	
cis-1,2-Dichloroethene	<5.0		1	03/29/02	
Chloroform	<5.0		1	03/29/02	
1,2-Dichloroethane	<5.0		1	03/29/02	
1,1,1-Trichloroethane	<5.0		1	03/29/02	
Carbon tetrachloride	<5.0		1	03/29/02	
Benzene	<5.0		1	03/29/02	
1,2-Dichloropropane	<5.0		1	03/29/02	
Trichloroethene	<5.0		1	03/29/02	
Bromodichloromethane	<5.0		1	03/29/02	
2-Chloroethylvinyl ether	<10.		1	03/29/02	
cis-1,3-Dichloropropene	<5.0		1	03/29/02	
trans-1,3-Dichloropropene	<5.0		1	03/29/02	
1,1,2-Trichloroethane	<5.0		1	03/29/02	
Toluene	<5.0		1	03/29/02	
Dibromochloromethane	<5.0		1	03/29/02	
Tetrachloroethene	<5.0		1	03/29/02	
Chlorobenzene	<5.0		1	03/29/02	
Ethylbenzene	<5.0		1	03/29/02	

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 624**

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3008
Samp. Description: MW-9D
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Bromoform	<5.0		1	03/29/02	
Xylene (total)	<5.0		1	03/29/02	
1,1,2,2-Tetrachloroethane	<5.0		1	03/29/02	
1,3-Dichlorobenzene	<5.0		1	03/29/02	
1,4-Dichlorobenzene	<5.0		1	03/29/02	
1,2-Dichlorobenzene	<5.0		1	03/29/02	
Dibromofluoromethane (surrogate)	112.%	71 - 130	1	03/29/02	
1,2-Dichloroethane-d4 (surrogate)	125.%	76 - 126	1	03/29/02	
Toluene-d8 (surrogate)	97.%	82 - 119	1	03/29/02	
Bromofluorobenzene (surrogate)	91.%	75 - 119	1	03/29/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3110
Samp. Description: MW-9D
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<1.	200.7	04/10/02	04/12/02	041002W2	20	
Arsenic	<.1	200.7	04/10/02	04/12/02	041002W2	20	
Beryllium	<.2	200.7	04/10/02	04/12/02	041002W2	20	
Cadmium	<.2	200.7	04/10/02	04/12/02	041002W2	20	
Chromium	.9	200.7	04/10/02	04/12/02	041002W2	20	
Copper	<.2	200.7	04/10/02	04/12/02	041002W2	20	
Lead	<.1	200.7	04/10/02	04/12/02	041002W2	20	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<1.	200.7	04/10/02	04/12/02	041002W2	20	
Selenium	<.1	200.7	04/10/02	04/12/02	041002W2	20	
Silver	<.2	200.7	04/10/02	04/12/02	041002W2	20	
Thallium	<.2	200.7	04/10/02	04/12/02	041002W2	20	
Zinc	<.2	200.7	04/10/02	04/12/02	041002W2	20	

Notes:

Elevated detection limits due to matrix interference.

J-Estimated value

Authorized: Monika Santucci
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3117
Samp. Description: MW-10S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02
Received: 03/28/02
Prepared: 03/30/02
Matrix: Water
QC Batch: 032902W1
%Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Chloromethane	<10.		1	03/30/02
Vinyl chloride	<10.		1	03/30/02
Bromomethane	<10.		1	03/30/02
Chloroethane	<10.		1	03/30/02
Trichlorofluoromethane	<5.0		1	03/30/02
1,1-Dichloroethene	<5.0		1	03/30/02
Methylene chloride	<5.0		1	03/30/02
trans-1,2-Dichloroethene	<5.0		1	03/30/02
1,1-Dichloroethane	<5.0		1	03/30/02
cis-1,2-Dichloroethene	<5.0		1	03/30/02
Chloroform	<5.0		1	03/30/02
1,2-Dichloroethane	<5.0		1	03/30/02
1,1,1-Trichloroethane	<5.0		1	03/30/02
Carbon tetrachloride	<5.0		1	03/30/02
Benzene	<5.0		1	03/30/02
1,2-Dichloropropane	<5.0		1	03/30/02
Trichloroethene	<5.0		1	03/30/02
Bromodichloromethane	<5.0		1	03/30/02
2-Chloroethylvinyl ether	<10.		1	03/30/02
cis-1,3-Dichloropropene	<5.0		1	03/30/02
trans-1,3-Dichloropropene	<5.0		1	03/30/02
1,1,2-Trichloroethane	<5.0		1	03/30/02
Toluene	<5.0		1	03/30/02
Dibromochloromethane	<5.0		1	03/30/02
Tetrachloroethene	<5.0		1	03/30/02
Chlorobenzene	<5.0		1	03/30/02
Ethylbenzene	<5.0		1	03/30/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002
Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3117
Samp. Description: MW-10S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Bromoform	<5.0		1	03/30/02
Xylene (total)	<5.0		1	03/30/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02
1,3-Dichlorobenzene	<5.0		1	03/30/02
1,4-Dichlorobenzene	<5.0		1	03/30/02
1,2-Dichlorobenzene	<5.0		1	03/30/02
Dibromofluoromethane (surrogate)	106.%	71 - 130	1	03/30/02
1,2-Dichloroethane-d4 (surrogate)	96.%	76 - 126	1	03/30/02
Toluene-d8 (surrogate)	97.%	82 - 119	1	03/30/02
Bromofluorobenzene (surrogate)	80.%	75 - 119	1	03/30/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1661
Sample: U3162
Samp. Description: MW-10S
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/29/02 Matrix: Water
Received: 03/29/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W3	1	
Arsenic	.006	200.7	04/10/02	04/12/02	041002W3	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W3	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W3	1	
Chromium	1.6	200.7	04/10/02	04/12/02	041002W3	1	
Copper	.07	200.7	04/10/02	04/12/02	041002W3	1	
Lead	.008	200.7	04/10/02	04/12/02	041002W3	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	.14	200.7	04/10/02	04/12/02	041002W3	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W3	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W3	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W3	1	
Zinc	.66	200.7	04/10/02	04/12/02	041002W3	1	

Notes:

J-Estimated value

Authorized: Monika Santucci
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3010
Samp. Description: MW-11D
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Chloromethane	<10.		1	03/29/02
Vinyl chloride	<10.		1	03/29/02
Bromomethane	<10.		1	03/29/02
Chloroethane	<10.		1	03/29/02
Trichlorofluoromethane	<5.0		1	03/29/02
1,1-Dichloroethene	<5.0		1	03/29/02
Methylene chloride	<5.0		1	03/29/02
trans-1,2-Dichloroethene	<5.0		1	03/29/02
1,1-Dichloroethane	<5.0		1	03/29/02
cis-1,2-Dichloroethene	<5.0		1	03/29/02
Chloroform	<5.0		1	03/29/02
1,2-Dichloroethane	<5.0		1	03/29/02
1,1,1-Trichloroethane	<5.0		1	03/29/02
Carbon tetrachloride	<5.0		1	03/29/02
Benzene	<5.0		1	03/29/02
1,2-Dichloropropane	<5.0		1	03/29/02
Trichloroethene	<5.0		1	03/29/02
Bromodichloromethane	<5.0		1	03/29/02
2-Chloroethylvinyl ether	<10.		1	03/29/02
cis-1,3-Dichloropropene	<5.0		1	03/29/02
trans-1,3-Dichloropropene	<5.0		1	03/29/02
1,1,2-Trichloroethane	<5.0		1	03/29/02
Toluene	<5.0		1	03/29/02
Dibromochloromethane	<5.0		1	03/29/02
Tetrachloroethene	<5.0		1	03/29/02
Chlorobenzene	<5.0		1	03/29/02
Ethylbenzene	<5.0		1	03/29/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3010
Samp. Description: MW-11D
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

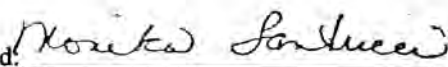
Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Bromoform	<5.0		1	03/29/02	
Xylene (total)	<5.0		1	03/29/02	
1,1,2,2-Tetrachloroethane	<5.0		1	03/29/02	
1,3-Dichlorobenzene	<5.0		1	03/29/02	
1,4-Dichlorobenzene	<5.0		1	03/29/02	
1,2-Dichlorobenzene	<5.0		1	03/29/02	
Dibromofluoromethane (surrogate)	111.%	71 - 130	1	03/29/02	
1,2-Dichloroethane-d4 (surrogate)	120.%	76 - 126	1	03/29/02	
Toluene-d8 (surrogate)	92.%	82 - 119	1	03/29/02	
Bromofluorobenzene (surrogate)	94.%	75 - 119	1	03/29/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: April 1, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3112
Samp. Description: MW-11D
Units: mg/L

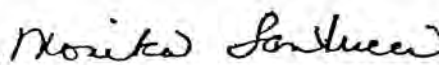
Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	.41	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	.09	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	.01	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: 
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3116
Samp. Description: MW-12S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Chloromethane	<10.		1	03/30/02	
Vinyl chloride	<10.		1	03/30/02	
Bromomethane	<10.		1	03/30/02	
Chloroethane	<10.		1	03/30/02	
Trichlorofluoromethane	<5.0		1	03/30/02	
1,1-Dichloroethene	<5.0		1	03/30/02	
Methylene chloride	<5.0		1	03/30/02	
trans-1,2-Dichloroethene	<5.0		1	03/30/02	
1,1-Dichloroethane	<5.0		1	03/30/02	
cis-1,2-Dichloroethene	<5.0		1	03/30/02	
Chloroform	<5.0		1	03/30/02	
1,2-Dichloroethane	<5.0		1	03/30/02	
1,1,1-Trichloroethane	<5.0		1	03/30/02	
Carbon tetrachloride	<5.0		1	03/30/02	
Benzene	<5.0		1	03/30/02	
1,2-Dichloropropane	<5.0		1	03/30/02	
Trichloroethene	<5.0		1	03/30/02	
Bromodichloromethane	<5.0		1	03/30/02	
2-Chloroethylvinyl ether	<10.		1	03/30/02	
cis-1,3-Dichloropropene	<5.0		1	03/30/02	
trans-1,3-Dichloropropene	<5.0		1	03/30/02	
1,1,2-Trichloroethane	<5.0		1	03/30/02	
Toluene	<5.0		1	03/30/02	
Dibromochloromethane	<5.0		1	03/30/02	
Tetrachloroethene	<5.0		1	03/30/02	
Chlorobenzene	<5.0		1	03/30/02	
Ethylbenzene	<5.0		1	03/30/02	

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 624**

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3116
Samp. Description: MW-12S
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Bromoform	<5.0		1	03/30/02
Xylene (total)	<5.0		1	03/30/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02
1,3-Dichlorobenzene	<5.0		1	03/30/02
1,4-Dichlorobenzene	<5.0		1	03/30/02
1,2-Dichlorobenzene	<5.0		1	03/30/02
Dibromofluoromethane (surrogate)	105. %	71 - 130	1	03/30/02
1,2-Dichloroethane-d4 (surrogate)	96. %	76 - 126	1	03/30/02
Toluene-d8 (surrogate)	98. %	82 - 119	1	03/30/02
Bromofluorobenzene (surrogate)	80. %	75 - 119	1	03/30/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1661
Sample: U3161
Samp. Description: MW-12S
Units: mg/L

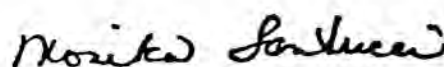
Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/29/02 Matrix: Water
Received: 03/29/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W3	1	
Arsenic	.014	200.7	04/10/02	04/12/02	041002W3	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W3	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W3	1	
Chromium	.06	200.7	04/10/02	04/12/02	041002W3	1	
Copper	.01	200.7	04/10/02	04/12/02	041002W3	1	
Lead	.009	200.7	04/10/02	04/12/02	041002W3	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W3	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W3	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W3	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W3	1	
Zinc	.19	200.7	04/10/02	04/12/02	041002W3	1	

Notes:

J-Estimated value

Authorized: 
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3012
Samp. Description: SW-1
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

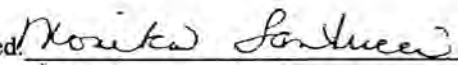
Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Chloromethane	<10.	1	03/29/02
Vinyl chloride	<10.	1	03/29/02
Bromomethane	<10.	1	03/29/02
Chloroethane	<10.	1	03/29/02
Trichlorofluoromethane	<5.0	1	03/29/02
1,1-Dichloroethene	<5.0	1	03/29/02
Methylene chloride	<5.0	1	03/29/02
trans-1,2-Dichloroethene	<5.0	1	03/29/02
1,1-Dichloroethane	<5.0	1	03/29/02
cis-1,2-Dichloroethene	<5.0	1	03/29/02
Chloroform	<5.0	1	03/29/02
1,2-Dichloroethane	<5.0	1	03/29/02
1,1,1-Trichloroethane	<5.0	1	03/29/02
Carbon tetrachloride	<5.0	1	03/29/02
Benzene	<5.0	1	03/29/02
1,2-Dichloropropane	<5.0	1	03/29/02
Trichloroethene	<5.0	1	03/29/02
Bromodichloromethane	<5.0	1	03/29/02
2-Chloroethylvinyl ether	<10.	1	03/29/02
cis-1,3-Dichloropropene	<5.0	1	03/29/02
trans-1,3-Dichloropropene	<5.0	1	03/29/02
1,1,2-Trichloroethane	<5.0	1	03/29/02
Toluene	<5.0	1	03/29/02
Dibromochloromethane	<5.0	1	03/29/02
Tetrachloroethene	<5.0	1	03/29/02
Chlorobenzene	<5.0	1	03/29/02
Ethylbenzene	<5.0	1	03/29/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3012
Samp. Description: SW-1
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/29/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Bromoform	<5.0		1	03/29/02
Xylene (total)	<5.0		1	03/29/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/29/02
1,3-Dichlorobenzene	<5.0		1	03/29/02
1,4-Dichlorobenzene	<5.0		1	03/29/02
1,2-Dichlorobenzene	<5.0		1	03/29/02
Dibromofluoromethane (surrogate)	111. %	71 - 130	1	03/29/02
1,2-Dichloroethane-d4 (surrogate)	118. %	76 - 126	1	03/29/02
Toluene-d8 (surrogate)	95. %	82 - 119	1	03/29/02
Bromofluorobenzene (surrogate)	92. %	75 - 119	1	03/29/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3012
Samp. Description: SW-1
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	<.01	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: 
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3013
Samp. Description: SW-2
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Chloromethane	<10.	1	03/30/02
Vinyl chloride	<10.	1	03/30/02
Bromomethane	<10.	1	03/30/02
Chloroethane	<10.	1	03/30/02
Trichlorofluoromethane	<5.0	1	03/30/02
1,1-Dichloroethene	<5.0	1	03/30/02
Methylene chloride	<5.0	1	03/30/02
trans-1,2-Dichloroethene	<5.0	1	03/30/02
1,1-Dichloroethane	<5.0	1	03/30/02
cis-1,2-Dichloroethene	<5.0	1	03/30/02
Chloroform	<5.0	1	03/30/02
1,2-Dichloroethane	<5.0	1	03/30/02
1,1,1-Trichloroethane	<5.0	1	03/30/02
Carbon tetrachloride	<5.0	1	03/30/02
Benzene	<5.0	1	03/30/02
1,2-Dichloropropane	<5.0	1	03/30/02
Trichloroethene	<5.0	1	03/30/02
Bromodichloromethane	<5.0	1	03/30/02
2-Chloroethylvinyl ether	<10.	1	03/30/02
cis-1,3-Dichloropropene	<5.0	1	03/30/02
trans-1,3-Dichloropropene	<5.0	1	03/30/02
1,1,2-Trichloroethane	<5.0	1	03/30/02
Toluene	<5.0	1	03/30/02
Dibromochloromethane	<5.0	1	03/30/02
Tetrachloroethene	<5.0	1	03/30/02
Chlorobenzene	<5.0	1	03/30/02
Ethylbenzene	<5.0	1	03/30/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3013
Samp. Description: SW-2
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Bromoform	<5.0		1	03/30/02
Xylene (total)	<5.0		1	03/30/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02
1,3-Dichlorobenzene	<5.0		1	03/30/02
1,4-Dichlorobenzene	<5.0		1	03/30/02
1,2-Dichlorobenzene	<5.0		1	03/30/02
Dibromofluoromethane (surrogate)	112.%	71 - 130	1	03/30/02
1,2-Dichloroethane-d4 (surrogate)	117.%	76 - 126	1	03/30/02
Toluene-d8 (surrogate)	94.%	82 - 119	1	03/30/02
Bromofluorobenzene (surrogate)	90.%	75 - 119	1	03/30/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3013
Samp. Description: SW-2
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	.02	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: *Monika Santucci*
Date: April 14, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3014
Samp. Description: SW-3
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Chloromethane	<10.	1	03/30/02
Vinyl chloride	<10.	1	03/30/02
Bromomethane	<10.	1	03/30/02
Chloroethane	<10.	1	03/30/02
Trichlorofluoromethane	<5.0	1	03/30/02
1,1-Dichloroethene	<5.0	1	03/30/02
Methylene chloride	<5.0	1	03/30/02
trans-1,2-Dichloroethene	<5.0	1	03/30/02
1,1-Dichloroethane	<5.0	1	03/30/02
cis-1,2-Dichloroethene	<5.0	1	03/30/02
Chloroform	<5.0	1	03/30/02
1,2-Dichloroethane	<5.0	1	03/30/02
1,1,1-Trichloroethane	<5.0	1	03/30/02
Carbon tetrachloride	<5.0	1	03/30/02
Benzene	<5.0	1	03/30/02
1,2-Dichloropropane	<5.0	1	03/30/02
Trichloroethene	<5.0	1	03/30/02
Bromodichloromethane	<5.0	1	03/30/02
2-Chloroethylvinyl ether	<10.	1	03/30/02
cis-1,3-Dichloropropene	<5.0	1	03/30/02
trans-1,3-Dichloropropene	<5.0	1	03/30/02
1,1,2-Trichloroethane	<5.0	1	03/30/02
Toluene	<5.0	1	03/30/02
Dibromochloromethane	<5.0	1	03/30/02
Tetrachloroethene	<5.0	1	03/30/02
Chlorobenzene	<5.0	1	03/30/02
Ethylbenzene	<5.0	1	03/30/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3014
Samp. Description: SW-3
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Bromoform	<5.0		1	03/30/02
Xylene (total)	<5.0		1	03/30/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02
1,3-Dichlorobenzene	<5.0		1	03/30/02
1,4-Dichlorobenzene	<5.0		1	03/30/02
1,2-Dichlorobenzene	<5.0		1	03/30/02
Dibromofluoromethane (surrogate)	112. %	71 - 130	1	03/30/02
1,2-Dichloroethane-d4 (surrogate)	121. %	76 - 126	1	03/30/02
Toluene-d8 (surrogate)	95. %	82 - 119	1	03/30/02
Bromofluorobenzene (surrogate)	93. %	75 - 119	1	03/30/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3014
Samp. Description: SW-3
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

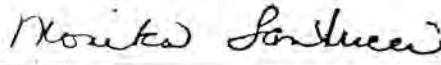
Collected: 03/27/02 Matrix: Water
Received: 03/27/02 %Solids:

Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	<.01	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: 

Date: April 14, 2002

Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2747
Samp. Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Chloromethane	<10.		1	03/30/02
Vinyl chloride	<10.		1	03/30/02
Bromomethane	<10.		1	03/30/02
Chloroethane	<10.		1	03/30/02
Trichlorofluoromethane	<5.0		1	03/30/02
1,1-Dichloroethene	<5.0		1	03/30/02
Methylene chloride	<5.0		1	03/30/02
trans-1,2-Dichloroethene	<5.0		1	03/30/02
1,1-Dichloroethane	<5.0		1	03/30/02
cis-1,2-Dichloroethene	<5.0		1	03/30/02
Chloroform	<5.0		1	03/30/02
1,2-Dichloroethane	<5.0		1	03/30/02
1,1,1-Trichloroethane	<5.0		1	03/30/02
Carbon tetrachloride	<5.0		1	03/30/02
Benzene	<5.0		1	03/30/02
1,2-Dichloropropane	<5.0		1	03/30/02
Trichloroethene	<5.0		1	03/30/02
Bromodichloromethane	<5.0		1	03/30/02
2-Chloroethylvinyl ether	<10.		1	03/30/02
cis-1,3-Dichloropropene	<5.0		1	03/30/02
trans-1,3-Dichloropropene	<5.0		1	03/30/02
1,1,2-Trichloroethane	<5.0		1	03/30/02
Toluene	<5.0		1	03/30/02
Dibromochloromethane	<5.0		1	03/30/02
Tetrachloroethene	<5.0		1	03/30/02
Chlorobenzene	<5.0		1	03/30/02
Ethylbenzene	<5.0		1	03/30/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1604
Sample: U2747
Samp. Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/25/02 Matrix: Water
Received: 03/25/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Bromoform	<5.0		1	03/30/02
Xylene (total)	<5.0		1	03/30/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02
1,3-Dichlorobenzene	<5.0		1	03/30/02
1,4-Dichlorobenzene	<5.0		1	03/30/02
1,2-Dichlorobenzene	<5.0		1	03/30/02
Dibromofluoromethane (surrogate)	108. %	71 - 130	1	03/30/02
1,2-Dichloroethane-d4 (surrogate)	103. %	76 - 126	1	03/30/02
Toluene-d8 (surrogate)	96. %	82 - 119	1	03/30/02
Bromofluorobenzene (surrogate)	81. %	75 - 119	1	03/30/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1613
Sample: U2872
Samp. Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/26/02 Matrix: Water
Received: 03/26/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Chloromethane	<10.		1	03/30/02
Vinyl chloride	<10.		1	03/30/02
Bromomethane	<10.		1	03/30/02
Chloroethane	<10.		1	03/30/02
Trichlorofluoromethane	<5.0		1	03/30/02
1,1-Dichloroethene	<5.0		1	03/30/02
Methylene chloride	<5.0		1	03/30/02
trans-1,2-Dichloroethene	<5.0		1	03/30/02
1,1-Dichloroethane	<5.0		1	03/30/02
cis-1,2-Dichloroethene	<5.0		1	03/30/02
Chloroform	<5.0		1	03/30/02
1,2-Dichloroethane	<5.0		1	03/30/02
1,1,1-Trichloroethane	<5.0		1	03/30/02
Carbon tetrachloride	<5.0		1	03/30/02
Benzene	<5.0		1	03/30/02
1,2-Dichloropropane	<5.0		1	03/30/02
Trichloroethene	<5.0		1	03/30/02
Bromodichloromethane	<5.0		1	03/30/02
2-Chloroethylvinyl ether	<10.		1	03/30/02
cis-1,3-Dichloropropene	<5.0		1	03/30/02
trans-1,3-Dichloropropene	<5.0		1	03/30/02
1,1,2-Trichloroethane	<5.0		1	03/30/02
Toluene	<5.0		1	03/30/02
Dibromochloromethane	<5.0		1	03/30/02
Tetrachloroethene	<5.0		1	03/30/02
Chlorobenzene	<5.0		1	03/30/02
Ethylbenzene	<5.0		1	03/30/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1613
Sample: U2872
Samp. Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/26/02
Received: 03/26/02
Prepared: 03/30/02
Matrix: Water
QC Batch: 032902W1
%Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Bromoform	<5.0		1	03/30/02	
Xylene (total)	<5.0		1	03/30/02	
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02	
1,3-Dichlorobenzene	<5.0		1	03/30/02	
1,4-Dichlorobenzene	<5.0		1	03/30/02	
1,2-Dichlorobenzene	<5.0		1	03/30/02	
Dibromofluoromethane (surrogate)	106.%	71 - 130	1	03/30/02	
1,2-Dichloroethane-d4 (surrogate)	100.%	76 - 126	1	03/30/02	
Toluene-d8 (surrogate)	97.%	82 - 119	1	03/30/02	
Bromofluorobenzene (surrogate)	82.%	75 - 119	1	03/30/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: Monika Santucci
Date: April 1, 2002
Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3015
Samp. Description: QC Trip Blank
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Chloromethane	<10.		1	03/30/02	
Vinyl chloride	<10.		1	03/30/02	
Bromomethane	<10.		1	03/30/02	
Chloroethane	<10.		1	03/30/02	
Trichlorofluoromethane	<5.0		1	03/30/02	
1,1-Dichloroethene	<5.0		1	03/30/02	
Methylene chloride	<5.0		1	03/30/02	
trans-1,2-Dichloroethene	<5.0		1	03/30/02	
1,1-Dichloroethane	<5.0		1	03/30/02	
cis-1,2-Dichloroethene	<5.0		1	03/30/02	
Chloroform	<5.0		1	03/30/02	
1,2-Dichloroethane	<5.0		1	03/30/02	
1,1,1-Trichloroethane	<5.0		1	03/30/02	
Carbon tetrachloride	<5.0		1	03/30/02	
Benzene	<5.0		1	03/30/02	
1,2-Dichloropropane	<5.0		1	03/30/02	
Trichloroethene	<5.0		1	03/30/02	
Bromodichloromethane	<5.0		1	03/30/02	
2-Chloroethylvinyl ether	<10.		1	03/30/02	
cis-1,3-Dichloropropene	<5.0		1	03/30/02	
trans-1,3-Dichloropropene	<5.0		1	03/30/02	
1,1,2-Trichloroethane	<5.0		1	03/30/02	
Toluene	<5.0		1	03/30/02	
Dibromochloromethane	<5.0		1	03/30/02	
Tetrachloroethene	<5.0		1	03/30/02	
Chlorobenzene	<5.0		1	03/30/02	
Ethylbenzene	<5.0		1	03/30/02	

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1635
Sample: U3015
Samp. Description: QC Trip Blank
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/27/02 Matrix: Water
Received: 03/27/02 QC Batch: 032902W2
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Bromoform	<5.0		1	03/30/02	
Xylene (total)	<5.0		1	03/30/02	
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02	
1,3-Dichlorobenzene	<5.0		1	03/30/02	
1,4-Dichlorobenzene	<5.0		1	03/30/02	
1,2-Dichlorobenzene	<5.0		1	03/30/02	
Dibromofluoromethane (surrogate)	110. %	71 - 130	1	03/30/02	
1,2-Dichloroethane-d4 (surrogate)	122. %	76 - 126	1	03/30/02	
Toluene-d8 (surrogate)	97. %	82 - 119	1	03/30/02	
Bromofluorobenzene (surrogate)	94. %	75 - 119	1	03/30/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3119
Samp. Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Chloromethane	<10.		1	03/30/02	
Vinyl chloride	<10.		1	03/30/02	
Bromomethane	<10.		1	03/30/02	
Chloroethane	<10.		1	03/30/02	
Trichlorofluoromethane	<5.0		1	03/30/02	
1,1-Dichloroethene	<5.0		1	03/30/02	
Methylene chloride	<5.0		1	03/30/02	
trans-1,2-Dichloroethene	<5.0		1	03/30/02	
1,1-Dichloroethane	<5.0		1	03/30/02	
cis-1,2-Dichloroethene	<5.0		1	03/30/02	
Chloroform	<5.0		1	03/30/02	
1,2-Dichloroethane	<5.0		1	03/30/02	
1,1,1-Trichloroethane	<5.0		1	03/30/02	
Carbon tetrachloride	<5.0		1	03/30/02	
Benzene	<5.0		1	03/30/02	
1,2-Dichloropropane	<5.0		1	03/30/02	
Trichloroethene	<5.0		1	03/30/02	
Bromodichloromethane	<5.0		1	03/30/02	
2-Chloroethylvinyl ether	<10.		1	03/30/02	
cis-1,3-Dichloropropene	<5.0		1	03/30/02	
trans-1,3-Dichloropropene	<5.0		1	03/30/02	
1,1,2-Trichloroethane	<5.0		1	03/30/02	
Toluene	<5.0		1	03/30/02	
Dibromochloromethane	<5.0		1	03/30/02	
Tetrachloroethene	<5.0		1	03/30/02	
Chlorobenzene	<5.0		1	03/30/02	
Ethylbenzene	<5.0		1	03/30/02	

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: 

Date: April 1, 2002

Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3119
Samp. Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

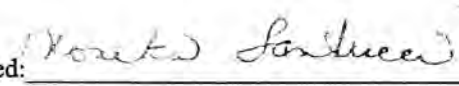
Collected: 03/28/02 Matrix: Water
Received: 03/28/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Bromoform	<5.0		1	03/30/02	
Xylene (total)	<5.0		1	03/30/02	
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02	
1,3-Dichlorobenzene	<5.0		1	03/30/02	
1,4-Dichlorobenzene	<5.0		1	03/30/02	
1,2-Dichlorobenzene	<5.0		1	03/30/02	
Dibromofluoromethane (surrogate)	106.%	71 - 130	1	03/30/02	
1,2-Dichloroethane-d4 (surrogate)	100.%	76 - 126	1	03/30/02	
Toluene-d8 (surrogate)	97.%	82 - 119	1	03/30/02	
Bromofluorobenzene (surrogate)	79.%	75 - 119	1	03/30/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: 

Date: April 1, 2002

Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3118
Samp. Description: Equipment Decon
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02
Received: 03/28/02
Prepared: 03/30/02
Matrix: Water
QC Batch: 032902W1
%Solids:
Purge volume: 5 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Chloromethane	<10.		1	03/30/02
Vinyl chloride	<10.		1	03/30/02
Bromomethane	<10.		1	03/30/02
Chloroethane	<10.		1	03/30/02
Trichlorofluoromethane	<5.0		1	03/30/02
1,1-Dichloroethene	<5.0		1	03/30/02
Methylene chloride	<5.0		1	03/30/02
trans-1,2-Dichloroethene	<5.0		1	03/30/02
1,1-Dichloroethane	<5.0		1	03/30/02
cis-1,2-Dichloroethene	<5.0		1	03/30/02
Chloroform	<5.0		1	03/30/02
1,2-Dichloroethane	<5.0		1	03/30/02
1,1,1-Trichloroethane	<5.0		1	03/30/02
Carbon tetrachloride	<5.0		1	03/30/02
Benzene	<5.0		1	03/30/02
1,2-Dichloropropane	<5.0		1	03/30/02
Trichloroethene	<5.0		1	03/30/02
Bromodichloromethane	<5.0		1	03/30/02
2-Chloroethylvinyl ether	<10.		1	03/30/02
cis-1,3-Dichloropropene	<5.0		1	03/30/02
trans-1,3-Dichloropropene	<5.0		1	03/30/02
1,1,2-Trichloroethane	<5.0		1	03/30/02
Toluene	<5.0		1	03/30/02
Dibromochloromethane	<5.0		1	03/30/02
Tetrachloroethene	<5.0		1	03/30/02
Chlorobenzene	<5.0		1	03/30/02
Ethylbenzene	<5.0		1	03/30/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002
Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3118
Samp. Description: Equipment Decon
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02 Matrix: Water
Received: 03/28/02 QC Batch: 032902W1
Prepared: 03/30/02 %Solids:
Purge volume: 5 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Bromoform	<5.0		1	03/30/02
Xylene (total)	<5.0		1	03/30/02
1,1,2,2-Tetrachloroethane	<5.0		1	03/30/02
1,3-Dichlorobenzene	<5.0		1	03/30/02
1,4-Dichlorobenzene	<5.0		1	03/30/02
1,2-Dichlorobenzene	<5.0		1	03/30/02
Dibromofluoromethane (surrogate)	106.%	71 - 130	1	03/30/02
1,2-Dichloroethane-d4 (surrogate)	99.%	76 - 126	1	03/30/02
Toluene-d8 (surrogate)	96.%	82 - 119	1	03/30/02
Bromofluorobenzene (surrogate)	78.%	75 - 119	1	03/30/02

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: *Monika Santucci*
Date: April 1, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 1651
Sample: U3118
Samp. Description: Equipment Decon
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 03/28/02
Received: 03/28/02

Matrix: Water
%Solids:

Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	04/10/02	04/12/02	041002W2	1	
Arsenic	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Beryllium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Cadmium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Chromium	.09	200.7	04/10/02	04/12/02	041002W2	1	
Copper	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Lead	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Mercury	<.0002	245.1	04/12/02	04/12/02	041202W1	1	
Nickel	<.05	200.7	04/10/02	04/12/02	041002W2	1	
Selenium	<.005	200.7	04/10/02	04/12/02	041002W2	1	
Silver	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Thallium	<.01	200.7	04/10/02	04/12/02	041002W2	1	
Zinc	<.01	200.7	04/10/02	04/12/02	041002W2	1	

Notes:

J-Estimated value

Authorized: 

Date: April 14, 2002

Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**2nd quarter water sampling
analytical results**

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 2578
Sample: V 6343
Samp. Description: SW-1
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 06/26/02
Received: 06/26/02
Prepared: 06/28/02
Matrix: Water
QC Batch: 062802W1
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Chloromethane	<10.	5	06/28/02
Vinyl chloride	<10.	5	06/28/02
Bromomethane	<10.	5	06/28/02
Chloroethane	<10.	5	06/28/02
Trichlorofluoromethane	<5.0	5	06/28/02
1,1-Dichloroethene	<5.0	5	06/28/02
Methylene chloride	<5.0	5	06/28/02
trans-1,2-Dichloroethene	<5.0	5	06/28/02
1,1-Dichloroethane	<5.0	5	06/28/02
cis-1,2-Dichloroethene	<5.0	5	06/28/02
Chloroform	<5.0	5	06/28/02
1,2-Dichloroethane	<5.0	5	06/28/02
1,1,1-Trichloroethane	<5.0	5	06/28/02
Carbon tetrachloride	<5.0	5	06/28/02
Benzene	<5.0	5	06/28/02
1,2-Dichloropropane	<5.0	5	06/28/02
Trichloroethene	<5.0	5	06/28/02
Bromodichloromethane	<5.0	5	06/28/02
2-Chloroethylvinyl ether	<10.	5	06/28/02
cis-1,3-Dichloropropene	<5.0	5	06/28/02
trans-1,3-Dichloropropene	<5.0	5	06/28/02
1,1,2-Trichloroethane	<5.0	5	06/28/02
Toluene	<5.0	5	06/28/02
Dibromochloromethane	<5.0	5	06/28/02
Tetrachloroethene	<5.0	5	06/28/02
Chlorobenzene	<5.0	5	06/28/02
Ethylbenzene	<5.0	5	06/28/02
Bromoform	<5.0	5	06/28/02
Xylene (total)	<5.0	5	06/28/02
1,1,2,2-Tetrachloroethane	<5.0	5	06/28/02
1,3-Dichlorobenzene	<5.0	5	06/28/02
1,4-Dichlorobenzene	<5.0	5	06/28/02
1,2-Dichlorobenzene	<5.0	5	06/28/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: _____

Date: September 18, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 624**

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 2578
Sample: V 6343
Samp. Description: SW-1
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 06/26/02 Matrix: Water
Received: 06/26/02 QC Batch: 062802W1
Prepared: 06/28/02 %Solids:
Purge volume: 25 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Dibromofluoromethane (surrogate)	95.%	71 - 130	5	06/28/02	
1,2-Dichloroethane-d4 (surrogate)	96.%	76 - 126	5	06/28/02	
Toluene-d8 (surrogate)	108.%	82 - 119	5	06/28/02	
Bromofluorobenzene (surrogate)	89.%	75 - 119	5	06/28/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: _____

Date: September 18, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 2578
Sample: V6343
Samp. Description: SW-1
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 06/26/02 Matrix: Water
Received: 06/26/02 %Solids:

Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	07/09/02	07/11/02	070902W2	1	
Arsenic	<.005	200.7	07/09/02	07/11/02	070902W2	1	
Beryllium	<.01	200.7	07/09/02	07/11/02	070902W2	1	
Cadmium	<.01	200.7	07/09/02	07/11/02	070902W2	1	
Chromium	<.01	200.7	07/09/02	07/11/02	070902W2	1	
Copper	<.01	200.7	07/09/02	07/11/02	070902W2	1	
Lead	<.005	200.7	07/09/02	07/11/02	070902W2	1	
Mercury	<.0002	245.1	07/01/02	07/01/02	070102W1	1	
Nickel	<.05	200.7	07/09/02	07/11/02	070902W2	1	
Selenium	.005	200.7	07/09/02	07/11/02	070902W2	1	
Silver	<.01	200.7	07/09/02	07/11/02	070902W2	1	
Thallium	<.01	200.7	07/09/02	07/11/02	070902W2	1	
Zinc	.03	200.7	07/09/02	07/11/02	070902W2	1	

Notes:

J-Estimated value

Authorized: _____
Date: September 18, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 2578
Sample: V 6344
Samp. Description: SW-3
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 06/26/02 Matrix: Water
Received: 06/26/02 QC Batch: 062802W1
Prepared: 06/28/02 %Solids:
Purge volume: 25 mL

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Chloromethane	<10.	5	06/28/02
Vinyl chloride	<10.	5	06/28/02
Bromomethane	<10.	5	06/28/02
Chloroethane	<10.	5	06/28/02
Trichlorofluoromethane	<5.0	5	06/28/02
1,1-Dichloroethene	<5.0	5	06/28/02
Methylene chloride	<5.0	5	06/28/02
trans-1,2-Dichloroethene	<5.0	5	06/28/02
1,1-Dichloroethane	<5.0	5	06/28/02
cis-1,2-Dichloroethene	<5.0	5	06/28/02
Chloroform	<5.0	5	06/28/02
1,2-Dichloroethane	<5.0	5	06/28/02
1,1,1-Trichloroethane	<5.0	5	06/28/02
Carbon tetrachloride	<5.0	5	06/28/02
Benzene	<5.0	5	06/28/02
1,2-Dichloropropane	<5.0	5	06/28/02
Trichloroethene	<5.0	5	06/28/02
Bromodichloromethane	<5.0	5	06/28/02
2-Chloroethylvinyl ether	<10.	5	06/28/02
cis-1,3-Dichloropropene	<5.0	5	06/28/02
trans-1,3-Dichloropropene	<5.0	5	06/28/02
1,1,2-Trichloroethane	<5.0	5	06/28/02
Toluene	<5.0	5	06/28/02
Dibromochloromethane	<5.0	5	06/28/02
Tetrachloroethene	<5.0	5	06/28/02
Chlorobenzene	<5.0	5	06/28/02
Ethylbenzene	<5.0	5	06/28/02
Bromoform	<5.0	5	06/28/02
Xylene (total)	<5.0	5	06/28/02
1,1,2,2-Tetrachloroethane	<5.0	5	06/28/02
1,3-Dichlorobenzene	<5.0	5	06/28/02
1,4-Dichlorobenzene	<5.0	5	06/28/02
1,2-Dichlorobenzene	<5.0	5	06/28/02

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: _____

Date: September 18, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 624**

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 2578
Sample: V 6344
Samp. Description: SW-3
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 06/26/02 Matrix: Water
Received: 06/26/02 QC Batch: 062802W1
Prepared: 06/28/02 %Solids:
Purge volume: 25 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Dibromofluoromethane (surrogate)	95. %	71 - 130	5	06/28/02	
1,2-Dichloroethane-d4 (surrogate)	97. %	76 - 126	5	06/28/02	
Toluene-d8 (surrogate)	106. %	82 - 119	5	06/28/02	
Bromofluorobenzene (surrogate)	89. %	75 - 119	5	06/28/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: _____

Date: September 18, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 2578
Sample: V6344
Samp. Description: SW-3
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 06/26/02 Matrix: Water
Received: 06/26/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.06	200.7	07/09/02	07/11/02	070902W2	1	
Arsenic	<.005	200.7	07/09/02	07/11/02	070902W2	1	
Beryllium	<.01	200.7	07/09/02	07/11/02	070902W2	1	
Cadmium	<.01	200.7	07/09/02	07/11/02	070902W2	1	
Chromium	<.01	200.7	07/09/02	07/11/02	070902W2	1	
Copper	<.01	200.7	07/09/02	07/11/02	070902W2	1	
Lead	<.005	200.7	07/09/02	07/11/02	070902W2	1	
Mercury	<.0002	245.1	07/01/02	07/01/02	070102W1	1	
Nickel	<.05	200.7	07/09/02	07/11/02	070902W2	1	
Selenium	<.005	200.7	07/09/02	07/11/02	070902W2	1	
Silver	<.01	200.7	07/09/02	07/11/02	070902W2	1	
Thallium	<.01	200.7	07/09/02	07/11/02	070902W2	1	
Zinc	<.01	200.7	07/09/02	07/11/02	070902W2	1	

Notes:

J-Estimated value

Authorized: _____
Date: September 18, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 2578
Sample: V 6345
Samp. Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 06/26/02 Matrix: Water
Received: 06/26/02 QC Batch: 062802W1
Prepared: 06/28/02 %Solids:
Purge volume: 25 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Chloromethane	<10.		5	06/28/02	
Vinyl chloride	<10.		5	06/28/02	
Bromomethane	<10.		5	06/28/02	
Chloroethane	<10.		5	06/28/02	
Trichlorofluoromethane	<5.0		5	06/28/02	
1,1-Dichloroethene	<5.0		5	06/28/02	
Methylene chloride	<5.0		5	06/28/02	
trans-1,2-Dichloroethene	<5.0		5	06/28/02	
1,1-Dichloroethane	<5.0		5	06/28/02	
cis-1,2-Dichloroethene	<5.0		5	06/28/02	
Chloroform	<5.0		5	06/28/02	
1,2-Dichloroethane	<5.0		5	06/28/02	
1,1,1-Trichloroethane	<5.0		5	06/28/02	
Carbon tetrachloride	<5.0		5	06/28/02	
Benzene	<5.0		5	06/28/02	
1,2-Dichloropropane	<5.0		5	06/28/02	
Trichloroethene	<5.0		5	06/28/02	
Bromodichloromethane	<5.0		5	06/28/02	
2-Chloroethylvinyl ether	<10.		5	06/28/02	
cis-1,3-Dichloropropene	<5.0		5	06/28/02	
trans-1,3-Dichloropropene	<5.0		5	06/28/02	
1,1,2-Trichloroethane	<5.0		5	06/28/02	
Toluene	<5.0		5	06/28/02	
Dibromochloromethane	<5.0		5	06/28/02	
Tetrachloroethene	<5.0		5	06/28/02	
Chlorobenzene	<5.0		5	06/28/02	
Ethylbenzene	<5.0		5	06/28/02	
Bromoform	<5.0		5	06/28/02	
Xylene (total)	<5.0		5	06/28/02	
1,1,2,2-Tetrachloroethane	<5.0		5	06/28/02	
1,3-Dichlorobenzene	<5.0		5	06/28/02	
1,4-Dichlorobenzene	<5.0		5	06/28/02	
1,2-Dichlorobenzene	<5.0		5	06/28/02	

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: _____

Date: September 18, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 624**

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 2578
Sample: V 6345
Samp. Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 37

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 06/26/02 Matrix: Water
Received: 06/26/02 QC Batch: 062802W1
Prepared: 06/28/02 %Solids:
Purge volume: 25 mL

Parameter	Result	Surrog	Dilution	Analyzed	Notes
		Limits			
Dibromofluoromethane (surrogate)	93. %	71 - 130	5	06/28/02	
1,2-Dichloroethane-d4 (surrogate)	94. %	76 - 126	5	06/28/02	
Toluene-d8 (surrogate)	109. %	82 - 119	5	06/28/02	
Bromofluorobenzene (surrogate)	84. %	75 - 119	5	06/28/02	

Notes:

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: _____

Date: September 18, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**3rd quarter water sampling
analytical results**

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 3424
Sample: X3132
Sample Description: SW-1
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 09/30/02 Matrix: Water
Received: 09/30/02 QC Batch: 100302W3
Prepared: 10/04/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
Chloromethane	<10.	U	10.0	10/04/02
Vinyl chloride	<10.	U	10.0	10/04/02
Bromomethane	<10.	U	10.0	10/04/02
Chloroethane	<10.	U	10.0	10/04/02
Trichlorofluoromethane	<5.0	U	5.0	10/04/02
1,1-Dichloroethene	<5.0	U	5.0	10/04/02
Methylene chloride	<5.0	U	5.0	10/04/02
trans-1,2-Dichloroethene	<5.0	U	5.0	10/04/02
1,1-Dichloroethane	<5.0	U	5.0	10/04/02
cis-1,2-Dichloroethene	<5.0	U	5.0	10/04/02
Chloroform	<5.0	U	5.0	10/04/02
1,2-Dichloroethane	<5.0	U	5.0	10/04/02
1,1,1-Trichloroethane	<5.0	U	5.0	10/04/02
Carbon tetrachloride	<5.0	U	5.0	10/04/02
Benzene	<5.0	U	5.0	10/04/02
1,2-Dichloropropane	<5.0	U	5.0	10/04/02
Trichloroethene	<5.0	U	5.0	10/04/02
Bromodichloromethane	<5.0	U	5.0	10/04/02
2-Chloroethylvinyl ether	<10.	U	10.0	10/04/02
cis-1,3-Dichloropropene	<5.0	U	5.0	10/04/02
trans-1,3-Dichloropropene	<5.0	U	5.0	10/04/02
1,1,2-Trichloroethane	<5.0	U	5.0	10/04/02
Toluene	<5.0	U	5.0	10/04/02
Dibromochloromethane	<5.0	U	5.0	10/04/02
Tetrachloroethene	<5.0	U	5.0	10/04/02
Chlorobenzene	<5.0	U	5.0	10/04/02
Ethylbenzene	<5.0	U	5.0	10/04/02
Bromoform	<5.0	U	5.0	10/04/02
Xylene (total)	<5.0	U	5.0	10/04/02
1,1,2,2-Tetrachloroethane	<5.0	U	5.0	10/04/02
1,3-Dichlorobenzene	<5.0	U	5.0	10/04/02
1,4-Dichlorobenzene	<5.0	U	5.0	10/04/02
1,2-Dichlorobenzene	<5.0	U	5.0	10/04/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*
Date: October 4, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 3424
Sample: X3132
Sample Description: SW-1
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435 . 036 . 11102
Certification NY No.: 10155

Collected: 09/30/02 Matrix: Water
Received: 09/30/02 QC Batch: 100302W3
Prepared: 10/04/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	98		71 - 130
1,2-Dichloroethane-d4 (surrogate)	120		76 - 126
Toluene-d8 (surrogate)	102		82 - 119
Bromofluorobenzene (surrogate)	90		75 - 119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 

Date: October 4, 2002

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 3424
Sample: X3132
Samp. Description: SW-1
Units: mg/L

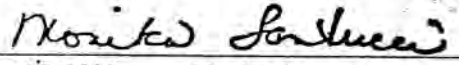
Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 09/30/02 Matrix: Water
Received: 09/30/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.060	200.7	10/10/02	10/14/02	101002W1	1	
Arsenic	<.0050	200.7	10/10/02	10/14/02	101002W1	1	
Beryllium	<.010	200.7	10/10/02	10/14/02	101002W1	1	
Cadmium	<.010	200.7	10/10/02	10/14/02	101002W1	1	
Chromium	<.010	200.7	10/10/02	10/14/02	101002W1	1	
Copper	<.010	200.7	10/10/02	10/14/02	101002W1	1	
Lead	<.0050	200.7	10/10/02	10/14/02	101002W1	1	
Mercury	<.0002	245.1	10/02/02	10/03/02	100202W2	1	
Nickel	<.050	200.7	10/10/02	10/14/02	101002W1	1	
Selenium	<.0050	200.7	10/10/02	10/14/02	101002W1	1	
Silver	<.010	200.7	10/10/02	10/14/02	101002W1	1	
Thallium	<.010	200.7	10/10/02	10/14/02	101002W1	1	
Zinc	<.010	200.7	10/10/02	10/14/02	101002W1	1	

Notes:

U-Undetected at the reported level. J-reported value is estimated.

Authorized: 
Date: October 15, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 3424
Sample: X3133
Sample Description: SW-3
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 09/30/02 Matrix: Water
Received: 09/30/02 QC Batch: 100302W3
Prepared: 10/04/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
Chloromethane	<10.	U	10.0	10/04/02
Vinyl chloride	<10.	U	10.0	10/04/02
Bromomethane	<10.	U	10.0	10/04/02
Chloroethane	<10.	U	10.0	10/04/02
Trichlorofluoromethane	<5.0	U	5.0	10/04/02
1,1-Dichloroethene	<5.0	U	5.0	10/04/02
Methylene chloride	<5.0	U	5.0	10/04/02
trans-1,2-Dichloroethene	<5.0	U	5.0	10/04/02
1,1-Dichloroethane	<5.0	U	5.0	10/04/02
cis-1,2-Dichloroethene	<5.0	U	5.0	10/04/02
Chloroform	<5.0	U	5.0	10/04/02
1,2-Dichloroethane	<5.0	U	5.0	10/04/02
1,1,1-Trichloroethane	<5.0	U	5.0	10/04/02
Carbon tetrachloride	<5.0	U	5.0	10/04/02
Benzene	<5.0	U	5.0	10/04/02
1,2-Dichloropropane	<5.0	U	5.0	10/04/02
Trichloroethene	<5.0	U	5.0	10/04/02
Bromodichloromethane	<5.0	U	5.0	10/04/02
2-Chloroethylvinyl ether	<10.	U	10.0	10/04/02
cis-1,3-Dichloropropene	<5.0	U	5.0	10/04/02
trans-1,3-Dichloropropene	<5.0	U	5.0	10/04/02
1,1,2-Trichloroethane	<5.0	U	5.0	10/04/02
Toluene	<5.0	U	5.0	10/04/02
Dibromochloromethane	<5.0	U	5.0	10/04/02
Tetrachloroethene	<5.0	U	5.0	10/04/02
Chlorobenzene	<5.0	U	5.0	10/04/02
Ethylbenzene	<5.0	U	5.0	10/04/02
Bromoform	<5.0	U	5.0	10/04/02
Xylene (total)	<5.0	U	5.0	10/04/02
1,1,2,2-Tetrachloroethane	<5.0	U	5.0	10/04/02
1,3-Dichlorobenzene	<5.0	U	5.0	10/04/02
1,4-Dichlorobenzene	<5.0	U	5.0	10/04/02
1,2-Dichlorobenzene	<5.0	U	5.0	10/04/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*

Date: October 4, 2002

Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 3424
Sample: X3133
Sample Description: SW-3
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435 . 036.11102
Certification NY No.: 10155

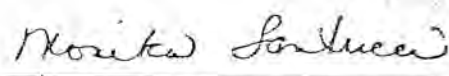
Collected: 09/30/02 Matrix: Water
Received: 09/30/02 QC Batch: 100302W3
Prepared: 10/04/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	100		71-130
1,2-Dichloroethane-d4 (surrogate)	121		76-126
Toluene-d8 (surrogate)	99		82-119
Bromofluorobenzene (surrogate)	91		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 

Date: October 4, 2002

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 3424
Sample: X3133
Samp. Description: SW-3
Units: mg/L

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 09/30/02 Matrix: Water
Received: 09/30/02 %Solids:
Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
Antimony	<.060	200.7	10/10/02	10/14/02	101002W1	1	
Arsenic	<.0050	200.7	10/10/02	10/14/02	101002W1	1	
Beryllium	<.010	200.7	10/10/02	10/14/02	101002W1	1	
Cadmium	<.010	200.7	10/10/02	10/14/02	101002W1	1	
Chromium	<.010	200.7	10/10/02	10/14/02	101002W1	1	
Copper	<.010	200.7	10/10/02	10/14/02	101002W1	1	
Lead	<.0050	200.7	10/10/02	10/14/02	101002W1	1	
Mercury	<.0002	245.1	10/02/02	10/03/02	100202W2	1	
Nickel	<.050	200.7	10/10/02	10/14/02	101002W1	1	
Selenium	<.0050	200.7	10/10/02	10/14/02	101002W1	1	
Silver	<.010	200.7	10/10/02	10/14/02	101002W1	1	
Thallium	<.010	200.7	10/10/02	10/14/02	101002W1	1	
Zinc	<.010	200.7	10/10/02	10/14/02	101002W1	1	

Notes:

U-Undetected at the reported level. J-reported value is estimated.

Authorized: *Monika Santucci*
Date: October 15, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 3424
Sample: X3134
Sample Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 09/30/02 Matrix: Water
Received: 09/30/02 QC Batch: 100302W3
Prepared: 10/04/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
Chloromethane	<10.	U	10.0	10/04/02
Vinyl chloride	<10.	U	10.0	10/04/02
Bromomethane	<10.	U	10.0	10/04/02
Chloroethane	<10.	U	10.0	10/04/02
Trichlorofluoromethane	<5.0	U	5.0	10/04/02
1,1-Dichloroethene	<5.0	U	5.0	10/04/02
Methylene chloride	<5.0	U	5.0	10/04/02
trans-1,2-Dichloroethene	<5.0	U	5.0	10/04/02
1,1-Dichloroethane	<5.0	U	5.0	10/04/02
cis-1,2-Dichloroethene	<5.0	U	5.0	10/04/02
Chloroform	<5.0	U	5.0	10/04/02
1,2-Dichloroethane	<5.0	U	5.0	10/04/02
1,1,1-Trichloroethane	<5.0	U	5.0	10/04/02
Carbon tetrachloride	<5.0	U	5.0	10/04/02
Benzene	<5.0	U	5.0	10/04/02
1,2-Dichloropropane	<5.0	U	5.0	10/04/02
Trichloroethene	<5.0	U	5.0	10/04/02
Bromodichloromethane	<5.0	U	5.0	10/04/02
2-Chloroethylvinyl ether	<10.	U	10.0	10/04/02
cis-1,3-Dichloropropene	<5.0	U	5.0	10/04/02
trans-1,3-Dichloropropene	<5.0	U	5.0	10/04/02
1,1,2-Trichloroethane	<5.0	U	5.0	10/04/02
Toluene	<5.0	U	5.0	10/04/02
Dibromochloromethane	<5.0	U	5.0	10/04/02
Tetrachloroethene	<5.0	U	5.0	10/04/02
Chlorobenzene	<5.0	U	5.0	10/04/02
Ethylbenzene	<5.0	U	5.0	10/04/02
Bromoform	<5.0	U	5.0	10/04/02
Xylene (total)	<5.0	U	5.0	10/04/02
1,1,2,2-Tetrachloroethane	<5.0	U	5.0	10/04/02
1,3-Dichlorobenzene	<5.0	U	5.0	10/04/02
1,4-Dichlorobenzene	<5.0	U	5.0	10/04/02
1,2-Dichlorobenzene	<5.0	U	5.0	10/04/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*
Date: October 4, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 3424
Sample: X3134
Sample Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435 . 036 . 11102
Certification NY No.: 10155

Collected: 09/30/02 Matrix: Water
Received: 09/30/02 QC Batch: 100302W3
Prepared: 10/04/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	97		71-130
1,2-Dichloroethane-d4 (surrogate)	119		76-126
Toluene-d8 (surrogate)	101		82-119
Bromofluorobenzene (surrogate)	88		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: Monika Santucci
Date: October 4, 2002 Monika Santucci

**5000 Brittonfield Parkway
East Syracuse, New York 13057
(315) 437-0200**

Chain of Custody

[illegible]

Turnaround Time Required:

Routine

Rush (Specify)

hard bed.
130 on ice

—

Original submitted 11/1/00

**4th quarter water sampling
analytical results**

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 4011
Sample: Y8712
Sample Description: SW-1
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 12/03/02 Matrix: Water
Received: 12/03/02 QC Batch: 120902W5
Prepared: 12/10/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
Chloromethane	<10.	U	10	12/10/02
Vinyl chloride	<10.	U	10	12/10/02
Bromomethane	<10.	U	10	12/10/02
Chloroethane	10.		10	12/10/02
Trichlorofluoromethane	<5.0	U	5	12/10/02
1,1-Dichloroethene	<5.0	U	5	12/10/02
Methylene chloride	<5.0	U	5	12/10/02
trans-1,2-Dichloroethene	<5.0	U	5	12/10/02
1,1-Dichloroethane	<5.0	U	5	12/10/02
cis-1,2-Dichloroethene	<5.0	U	5	12/10/02
Chloroform	<5.0	U	5	12/10/02
1,2-Dichloroethane	<5.0	U	5	12/10/02
1,1,1-Trichloroethane	<5.0	U	5	12/10/02
Carbon tetrachloride	<5.0	U	5	12/10/02
Benzene	<5.0	U	5	12/10/02
1,2-Dichloropropane	<5.0	U	5	12/10/02
Trichloroethene	<5.0	U	5	12/10/02
Bromodichloromethane	<5.0	U	5	12/10/02
2-Chloroethylvinyl ether	<10.	U	10	12/10/02
cis-1,3-Dichloropropene	<5.0	U	5	12/10/02
trans-1,3-Dichloropropene	<5.0	U	5	12/10/02
1,1,2-Trichloroethane	<5.0	U	5	12/10/02
Toluene	<5.0	U	5	12/10/02
Dibromochloromethane	<5.0	U	5	12/10/02
Tetrachloroethene	<5.0	U	5	12/10/02
Chlorobenzene	8.8		5	12/10/02
Ethylbenzene	<5.0	U	5	12/10/02
Bromoform	<5.0	U	5	12/10/02
Xylene (total)	<5.0	U	5	12/10/02
1,1,2,2-Tetrachloroethane	<5.0	U	5	12/10/02
1,3-Dichlorobenzene	<5.0	U	5	12/10/02
1,4-Dichlorobenzene	<5.0	U	5	12/10/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci
Date: December 10, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 4011
Sample: Y8712
Sample Description: SW-1
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 12/03/02 Matrix: Water
Received: 12/03/02 QC Batch: 120902W5
Prepared: 12/10/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
1,2-Dichlorobenzene	<5.0	U	5	12/10/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	120		71-130
1,2-Dichloroethane-d4 (surrogate)	125		76-126
Toluene-d8 (surrogate)	103		82-119
Bromofluorobenzene (surrogate)	103		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*
Date: December 10, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 4011
Sample: Y8712
Sample Description: SW-1
Units: mg/L

Job No.: 3435 . 036.11102
Certification NY No.: 10155

Collected: 12/03/02 Matrix: Water
Received: 12/03/02 %Solids:
Number of analytes: 13

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Antimony	<.060	U	200.7	.060	12/13/02	12/16/02	121302W3	1	
Arsenic	<.0050	U	200.7	.0050	12/13/02	12/16/02	121302W3	1	
Beryllium	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	
Cadmium	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	
Chromium	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	
Copper	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	
Lead	<.0050	U	200.7	.0050	12/13/02	12/16/02	121302W3	1	
Mercury	<.00020	U	245.1	.00020	12/04/02	12/04/02	120402W1	1	
Nickel	<.050	U	200.7	.050	12/13/02	12/16/02	121302W3	1	
Selenium	<.0050	U	200.7	.0050	12/13/02	12/16/02	121302W3	1	
Silver	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	
Thallium	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	
Zinc	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*
Date: December 17, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 4025
Sample: Y8862
Sample Description: SW-3
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 12/03/02 Matrix: Water
Received: 12/03/02 QC Batch: 120902W5
Prepared: 12/10/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
Chloromethane	<10.	U	10	12/10/02
Vinyl chloride	<10.	U	10	12/10/02
Bromomethane	<10.	U	10	12/10/02
Chloroethane	<10.	U	10	12/10/02
Trichlorofluoromethane	<5.0	U	5	12/10/02
1,1-Dichloroethene	<5.0	U	5	12/10/02
Methylene chloride	<5.0	U	5	12/10/02
trans-1,2-Dichloroethene	<5.0	U	5	12/10/02
1,1-Dichloroethane	<5.0	U	5	12/10/02
cis-1,2-Dichloroethene	<5.0	U	5	12/10/02
Chloroform	<5.0	U	5	12/10/02
1,2-Dichloroethane	<5.0	U	5	12/10/02
1,1,1-Trichloroethane	<5.0	U	5	12/10/02
Carbon tetrachloride	<5.0	U	5	12/10/02
Benzene	<5.0	U	5	12/10/02
1,2-Dichloropropane	<5.0	U	5	12/10/02
Trichloroethene	<5.0	U	5	12/10/02
Bromodichloromethane	<5.0	U	5	12/10/02
2-Chloroethylvinyl ether	<10.	U	10	12/10/02
cis-1,3-Dichloropropene	<5.0	U	5	12/10/02
trans-1,3-Dichloropropene	<5.0	U	5	12/10/02
1,1,2-Trichloroethane	<5.0	U	5	12/10/02
Toluene	<5.0	U	5	12/10/02
Dibromochloromethane	<5.0	U	5	12/10/02
Tetrachloroethene	<5.0	U	5	12/10/02
Chlorobenzene	<5.0	U	5	12/10/02
Ethylbenzene	<5.0	U	5	12/10/02
Bromoform	<5.0	U	5	12/10/02
Xylene (total)	<5.0	U	5	12/10/02
1,1,2,2-Tetrachloroethane	<5.0	U	5	12/10/02
1,3-Dichlorobenzene	<5.0	U	5	12/10/02
1,4-Dichlorobenzene	<5.0	U	5	12/10/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci
Date: December 10, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 4025
Sample: Y8862
Sample Description: SW-3
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435 . 036 . 11102
Certification NY No.: 10155

Collected: 12/03/02 Matrix: Water
Received: 12/03/02 QC Batch: 120902W5
Prepared: 12/10/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
1,2-Dichlorobenzene	<5.0	U	5	12/10/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	123		71-130
1,2-Dichloroethane-d4 (surrogate)	127	#	76-126
Toluene-d8 (surrogate)	103		82-119
Bromofluorobenzene (surrogate)	102		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*
Date: December 10, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 4025
Sample: Y8862
Sample Description: SW-3
Units: mg/L

Job No.: 3435 .036.11102
Certification NY No.: 10155

Collected: 12/03/02 Matrix: Water
Received: 12/03/02 %Solids:
Number of analytes: 13

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Antimony	<.060	U	200.7	.060	12/13/02	12/16/02	121302W3	1	
Arsenic	<.0050	U	200.7	.0050	12/13/02	12/16/02	121302W3	1	
Beryllium	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	
Cadmium	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	
Chromium	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	
Copper	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	
Lead	<.0050	U	200.7	.0050	12/13/02	12/16/02	121302W3	1	
Mercury	<.00020	U	245.1	.00020	12/04/02	12/04/02	120402W1	1	
Nickel	<.050	U	200.7	.050	12/13/02	12/16/02	121302W3	1	
Selenium	<.0050	U	200.7	.0050	12/13/02	12/16/02	121302W3	1	
Silver	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	
Thallium	<.010	U	200.7	.010	12/13/02	12/16/02	121302W3	1	
Zinc	.030		200.7	.010	12/13/02	12/16/02	121302W3	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci
Date: December 17, 2002 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 4011
Sample: Y8713
Sample Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435 .036.11102
Certification NY No.: 10155

Collected: 12/03/02 Matrix: Water
Received: 12/03/02 QC Batch: 120902W5
Prepared: 12/10/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
Chloromethane	<10.	U	10	12/10/02
Vinyl chloride	<10.	U	10	12/10/02
Bromomethane	<10.	U	10	12/10/02
Chloroethane	<10.	U	10	12/10/02
Trichlorofluoromethane	<5.0	U	5	12/10/02
1,1-Dichloroethene	<5.0	U	5	12/10/02
Methylene chloride	<5.0	U	5	12/10/02
trans-1,2-Dichloroethene	<5.0	U	5	12/10/02
1,1-Dichloroethane	<5.0	U	5	12/10/02
cis-1,2-Dichloroethene	<5.0	U	5	12/10/02
Chloroform	<5.0	U	5	12/10/02
1,2-Dichloroethane	<5.0	U	5	12/10/02
1,1,1-Trichloroethane	<5.0	U	5	12/10/02
Carbon tetrachloride	<5.0	U	5	12/10/02
Benzene	<5.0	U	5	12/10/02
1,2-Dichloropropane	<5.0	U	5	12/10/02
Trichloroethene	<5.0	U	5	12/10/02
Bromodichloromethane	<5.0	U	5	12/10/02
2-Chloroethylvinyl ether	<10.	U	10	12/10/02
cis-1,3-Dichloropropene	<5.0	U	5	12/10/02
trans-1,3-Dichloropropene	<5.0	U	5	12/10/02
1,1,2-Trichloroethane	<5.0	U	5	12/10/02
Toluene	<5.0	U	5	12/10/02
Dibromochloromethane	<5.0	U	5	12/10/02
Tetrachloroethene	<5.0	U	5	12/10/02
Chlorobenzene	<5.0	U	5	12/10/02
Ethylbenzene	<5.0	U	5	12/10/02
Bromoform	<5.0	U	5	12/10/02
Xylene (total)	<5.0	U	5	12/10/02
1,1,2,2-Tetrachloroethane	<5.0	U	5	12/10/02
1,3-Dichlorobenzene	<5.0	U	5	12/10/02
1,4-Dichlorobenzene	<5.0	U	5	12/10/02
1,2-Dichlorobenzene	<5.0	U	5	12/10/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci
Date: December 10, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 4011
Sample: Y8713
Sample Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435 . 036 . 11102
Certification NY No.: 10155

Collected: 12/03/02 Matrix: Water
Received: 12/03/02 QC Batch: 120902W5
Prepared: 12/10/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	PQL	Analyzed	Notes
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Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	121		71-130
1,2-Dichloroethane-d4 (surrogate)	125		76-126
Toluene-d8 (surrogate)	102		82-119
Bromofluorobenzene (surrogate)	103		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
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Date: December 10, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 4025
Sample: Y8863
Sample Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435.036.11102
Certification NY No.: 10155

Collected: 12/03/02 Matrix: Water
Received: 12/03/02 QC Batch: 120902W5
Prepared: 12/10/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
Chloromethane	<10.	U	10	12/10/02
Vinyl chloride	<10.	U	10	12/10/02
Bromomethane	<10.	U	10	12/10/02
Chloroethane	<10.	U	10	12/10/02
Trichlorofluoromethane	<5.0	U	5	12/10/02
1,1-Dichloroethene	<5.0	U	5	12/10/02
Methylene chloride	<5.0	U	5	12/10/02
trans-1,2-Dichloroethene	<5.0	U	5	12/10/02
1,1-Dichloroethane	<5.0	U	5	12/10/02
cis-1,2-Dichloroethene	<5.0	U	5	12/10/02
Chloroform	<5.0	U	5	12/10/02
1,2-Dichloroethane	<5.0	U	5	12/10/02
1,1,1-Trichloroethane	<5.0	U	5	12/10/02
Carbon tetrachloride	<5.0	U	5	12/10/02
Benzene	<5.0	U	5	12/10/02
1,2-Dichloropropane	<5.0	U	5	12/10/02
Trichloroethene	<5.0	U	5	12/10/02
Bromodichloromethane	<5.0	U	5	12/10/02
2-Chloroethylvinyl ether	<10.	U	10	12/10/02
cis-1,3-Dichloropropene	<5.0	U	5	12/10/02
trans-1,3-Dichloropropene	<5.0	U	5	12/10/02
1,1,2-Trichloroethane	<5.0	U	5	12/10/02
Toluene	<5.0	U	5	12/10/02
Dibromochloromethane	<5.0	U	5	12/10/02
Tetrachloroethene	<5.0	U	5	12/10/02
Chlorobenzene	<5.0	U	5	12/10/02
Ethylbenzene	<5.0	U	5	12/10/02
Bromoform	<5.0	U	5	12/10/02
Xylene (total)	<5.0	U	5	12/10/02
1,1,2,2-Tetrachloroethane	<5.0	U	5	12/10/02
1,3-Dichlorobenzene	<5.0	U	5	12/10/02
1,4-Dichlorobenzene	<5.0	U	5	12/10/02
1,2-Dichlorobenzene	<5.0	U	5	12/10/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*
Date: December 10, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Engineers, Inc.
Project: Town of Dewitt Landfill - Dewitt, NY
Proj. Desc:
Package#: 4025
Sample: Y8863
Sample Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 33

Job No.: 3435 . 036.11102
Certification NY No.: 10155

Collected: 12/03/02 Matrix: Water
Received: 12/03/02 QC Batch: 120902W5
Prepared: 12/10/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
-----------	--------	------	-----	----------------

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	125		71-130
1,2-Dichloroethane-d4 (surrogate)	128	#	76-126
Toluene-d8 (surrogate)	101		82-119
Bromofluorobenzene (surrogate)	102		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*
Date: December 10, 2002 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Quarterly landfill inspection reports

TOWN OF DEWITT LANDFILL
INSPECTION AND MAINTENANCE
CHECKLIST

1st QTR

DATE: 3/28/02

CC: MSK
 HUP

INSPECTOR: SR SNEEL

Landfill Component	Checked	Comments	Maintenance Action Needed
1. Barrier Protection Layer Topsoil Layer and Vegetative Cover	✓	Evidence of a grass fire just in front of MW-PS and MW-PD. Fire occurred during early fall 2001.	NO maintenance appears to be needed.
2. Gas Discharge Vents	✓		
3. Swales, Ditches and Downchutes	✓	1" of snow cover in swales and downchutes	
4. Storm Sewer System, including culverts	✓		
5. Fence and Gates	✓	Installed new lock for gate leading to Erie Canal	
6. Access Road	✓		
7. Perimeter Service Road	✓		

2ND QTR

TOWN OF DEWITT LANDFILL
INSPECTION AND MAINTENANCE
CHECKLIST

DATE: 6/26/02

CC: M.J. PETRIE

INSPECTOR: SR SNELL

WEATHER: HOT & HUMID 90°

Landfill Component	Checked	Comments	Maintenance Action Needed
1. Barrier Protection Layer Topsoil Layer and Vegetative Cover	✓	GRASS 2-3' High	WILL NOTIFY TOWN OF DEWITT HIGHWAY DEPT.
2. Gas Discharge Vents	✓		
3. Swales, Ditches and Downchutes	✓		
4. Storm Sewer System, including culverts	✓		
5. Fence and Gates	✓		
6. Access Road	✓		
7. Perimeter Service Road	✓		

3rd Otr

TOWN OF DEWITT LANDFILL
INSPECTION AND MAINTENANCE
CHECKLIST

DATE: 9/30/02

INSPECTOR: SR SNEEL

Landfill Component	Checked	Comments	Maintenance Action Needed
1. Barrier Protection Layer Topsoil Layer and Vegetative Cover	✓	OK	
2. Gas Discharge Vents	✓	OK	
3. Swales, Ditches and Downchutes	✓	OK	
4. Storm Sewer System, including culverts	✓	OK	
5. Fence and Gates	✓	OK	
6. Access Road	✓	OK	
7. Perimeter Service Road	✓	OK	

**TOWN OF DEWITT LANDFILL
INSPECTION AND MAINTENANCE
CHECKLIST**

4th QTR.

DATE: 12/5/02

CC: M.J. PETRIE

INSPECTOR: SR SNELL

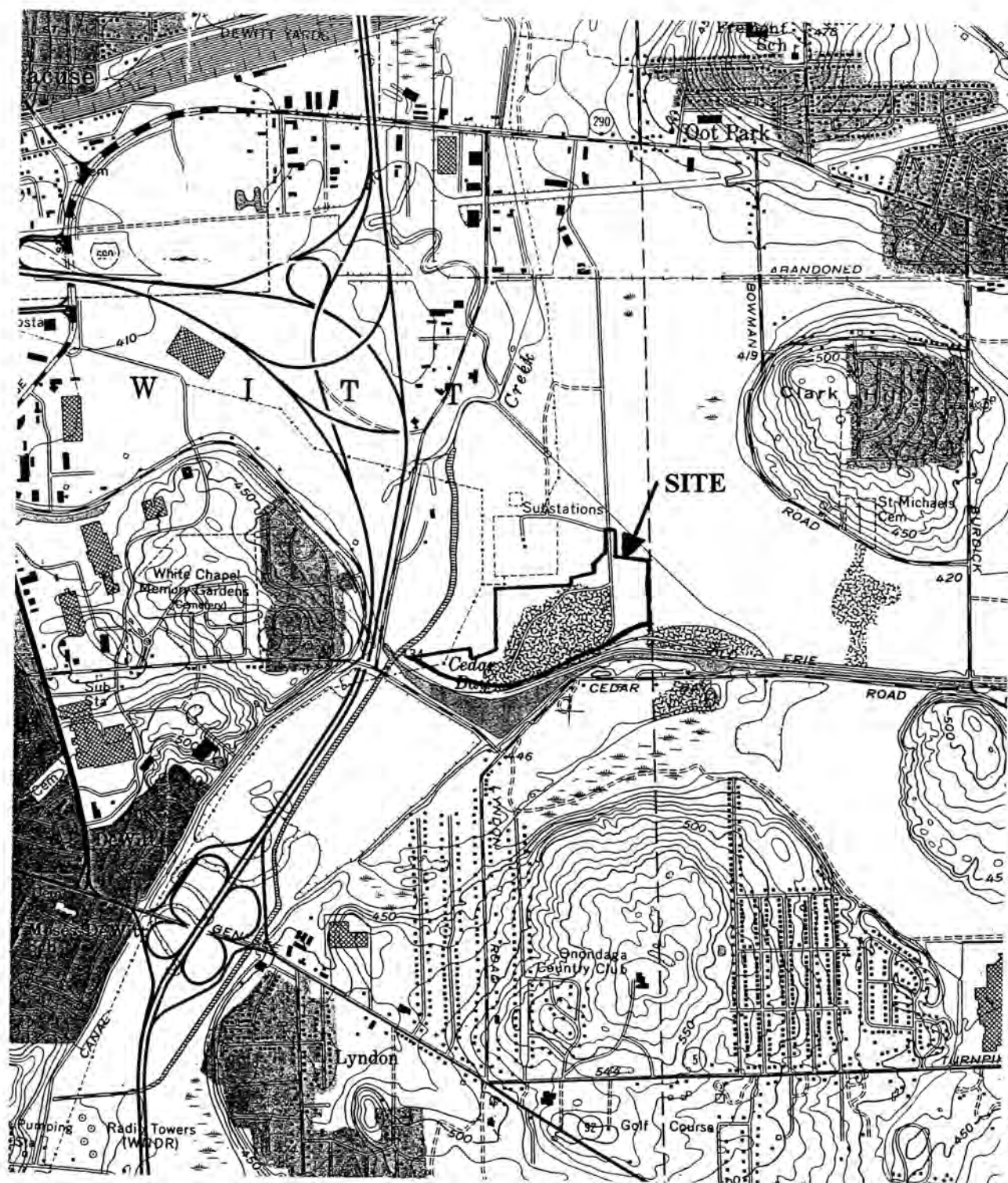
M.S. KOLCESKI

Landfill Component	Checked	Comments	Maintenance Action Needed
1. Barrier Protection Layer Topsoil Layer and Vegetative Cover	✓	APPROX. 6 inches OF SNOW COVER, SNOW MOBILE TRACKS VISIBLE	
2. Gas Discharge Vents	✓	OK	
3. Swales, Ditches and Downchutes	✓	OK	
4. Storm Sewer System, including culverts	✓	OK	
5. Fence and Gates	✓	OK	
6. Access Road	✓	OK	
7. Perimeter Service Road	✓	OK	

Appendix E

Location Plans

FIGURE 1



TOWN OF DEWITT LANDFILL

LOCATION PLAN

SCALE: 1"=2000'

123.30978
March 2003

ADAPTED FROM U.S.G.S. SYRACUSE EAST N.Y. QUADRANGLE



GENERAL NOTES:

1. TOPOGRAPHIC BASE MAP COMPILED BY BHANDARI-PHILLIPS, ENGINEERS AND SURVEYORS, JANUARY, 1991.
2. ELEVATIONS ARE BASED ON U.S.C.S. DATUM.

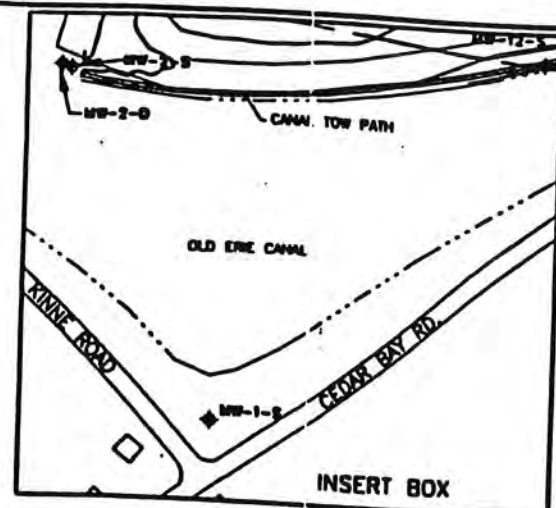


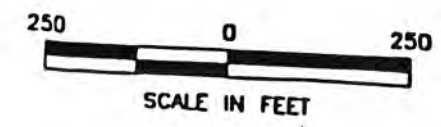
FIGURE 2
TOWN OF DEWITT LANDFILL
DEWITT, NEW YORK



LEGEND

- P — PROPERTY LINE
- E.L.M.L. 52 — MILITARY LOT LINE
- 420 — EXISTING CONTOUR (10')
- — — — — EDGE OF CANAL
- · — — — — EXISTING FENCE
- — — — — EXISTING CANAL TOW PATH
- ⊕ MW-5-S EXISTING MONITOR WELL

GROUND WATER SAMPLING LOCATIONS



123.566



10/25/94

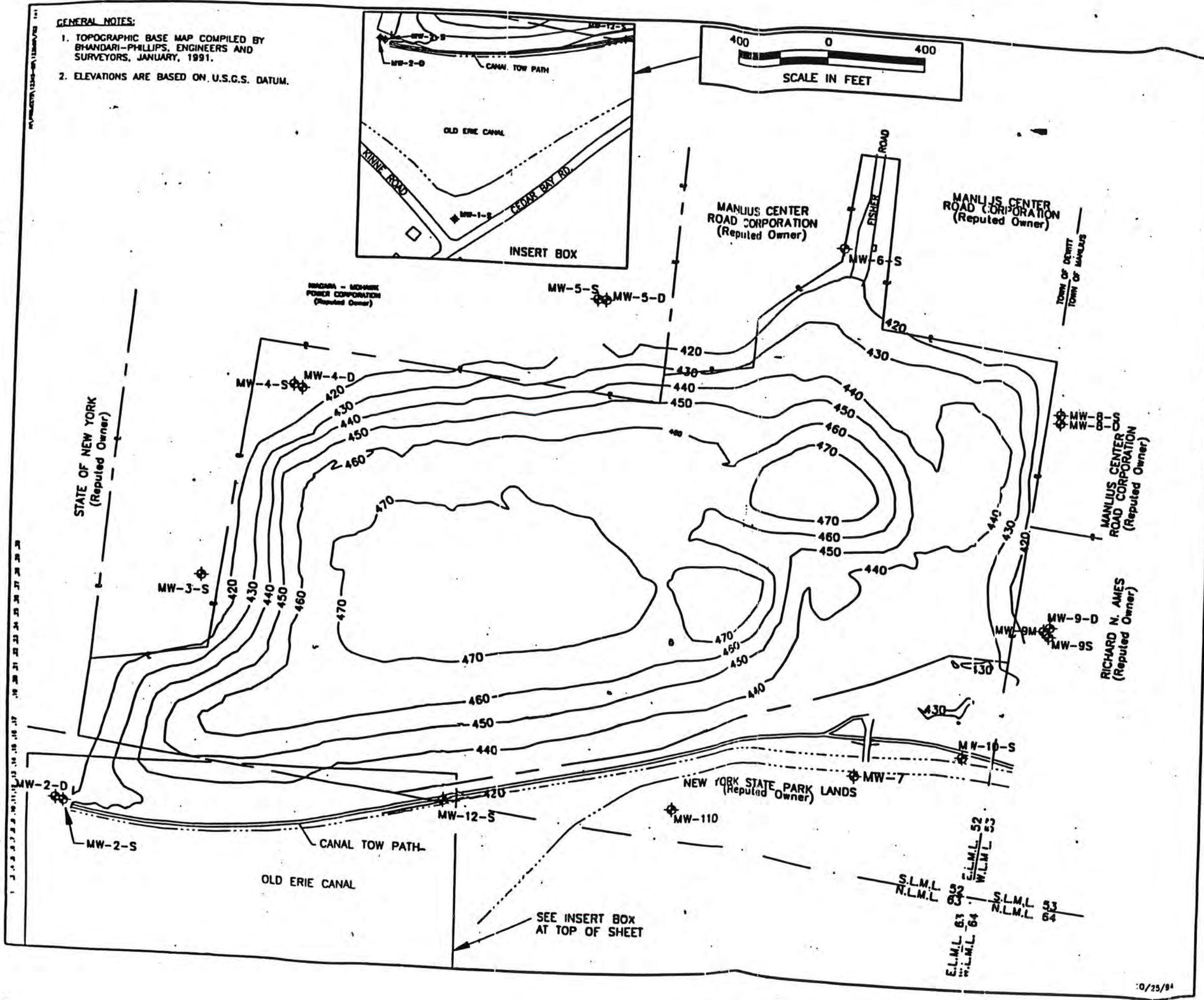
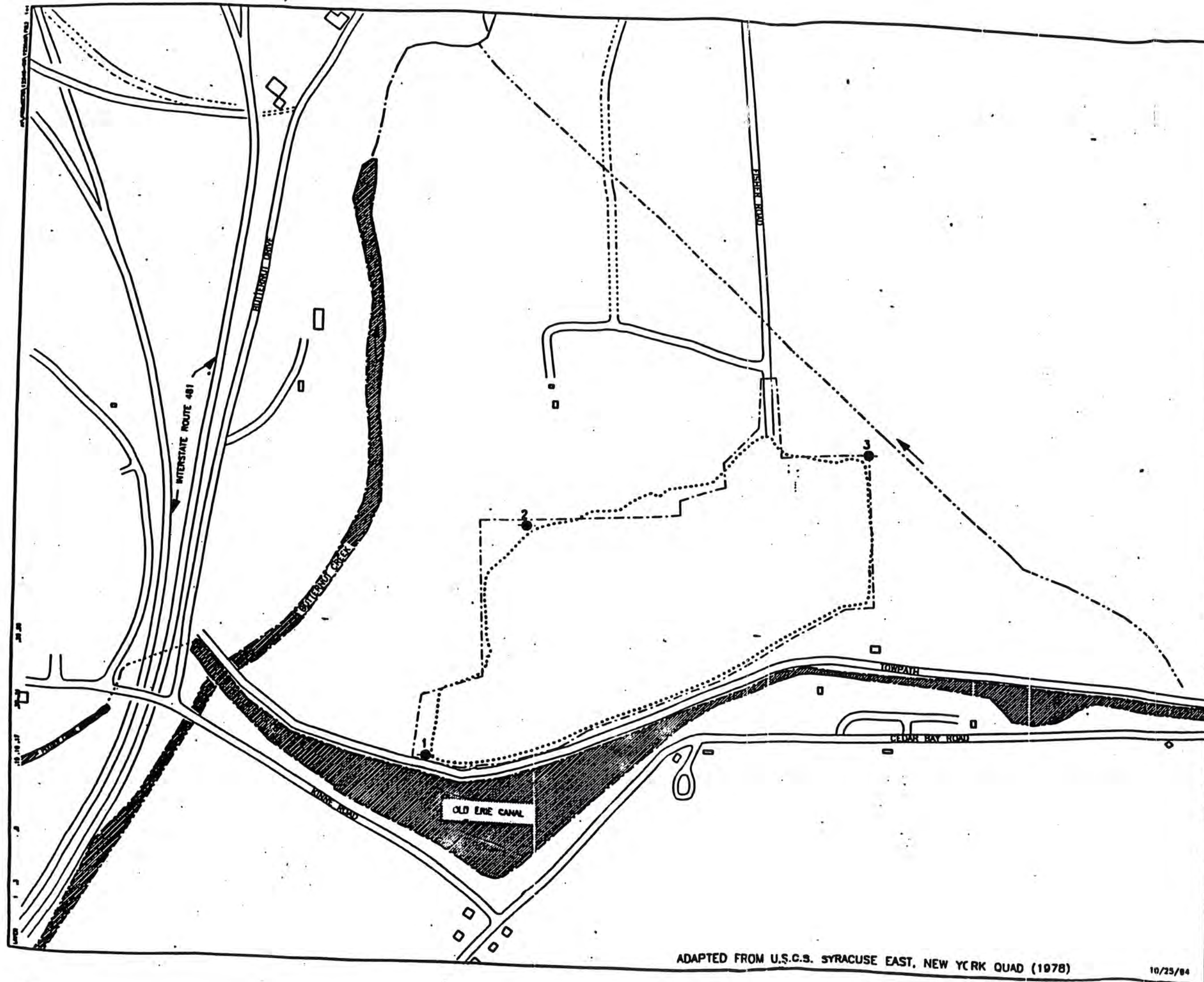


FIGURE 3
TOWN OF DEWITT LANDFILL
DEWITT, NEW YORK

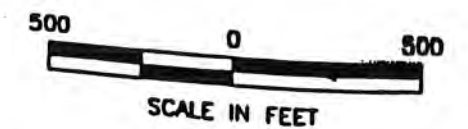


LEGEND

- 1 APPROXIMATE SURFACE WATER SAMPLE LOCATION
- PROPERTY BOUNDARY
- APPROXIMATE FILL LIMITS
- INTERMITTENT STREAM



SURFACE WATER
SAMPLING LOCATIONS



ADAPTED FROM U.S.C.S. SYRACUSE EAST, NEW YORK QUAD (1978)

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