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ENVIRO-PRO
PROFESSIONAL CORPORATION

April 19, 2002

Site/Co ID #	Date	Doc ID#
60	6 / 21 / 10	DIN

Mr. Larry Griffin
North Mecklenburg Landfill
15300 Holbrooks Road
Huntersville, NC 28078

MAY 2002
Received
Solid Waste
Section

RE: Semi-annual Monitor Well Sampling Results
North Mecklenburg Landfill
Huntersville, NC
Project No. EP-1217

Dear Mr. Griffin:

Enviro-Pro, P.C. is pleased to submit this report which describes the field sampling activities and summarizes the semi-annual monitor well analytical results for the subject site.

Field Sampling Activities

On March 16, 2002, Enviro-Pro (EP) personnel collected groundwater samples from on-site perimeter monitor wells MW-1, MW-4, MW-5, MW-6, MW-10 and MW-11. The approximate locations of these wells are indicated on Figure 1.

The procedures for groundwater measurement and sampling were as follows:

1) Initially, the monitor well caps were removed to allow the groundwater levels to equilibrate to the ambient atmospheric pressure. Next, the depth to groundwater from a measuring point on top of the well casing was recorded. Water level measurements were obtained using an electronic water level meter. The water level probe was decontaminated between monitor wells with deionized water and isopropyl alcohol.

* No VOCs
* No metals > 2L

15101 Regena Lane • Charlotte, NC 28278 • (704) 583-0075 • FAX (704) 583-2673

2) At least three well volumes were removed from each monitor well to purge stagnant water and to ensure that fresh formation water would be sampled. Purging was conducted using dedicated disposable Teflon bailers on March 15, 2002.

3) Each well was then sampled the following day utilizing laboratory prepared containers, labeled, and packed on ice in a portable cooler for shipment to Shealy Environmental Services, Inc., a North Carolina-certified laboratory located in Cayce, South Carolina. Chain-of-custody documentation is included with the analytical reports in Appendix A.

4) Quality assurance/quality control (QA/QC) measures in the field included wearing disposable sample gloves during sampling activities and changing them between sample locations to protect the groundwater samples from cross-contamination. Analytical QA/QC included a trip blank and a field (rinse) blank analyzed for volatile organic compounds (VOCs) by Method 8260B. Only clean, laboratory-supplied sample containers were utilized.

The field information obtained during well purging is summarized on the Well Development, Purge, and Sample Record included as Appendix B. Groundwater levels increased in five of the six wells, from 0.18 foot in well MW-6 to 2.46 foot in well MW-11 since the previous sampling event on October 6, 2001. The average increase in water levels for the five wells was slightly over 1 foot. The water level in MW-4 decreased 0.52 foot during this same period of time.

Laboratory Test Results

In accordance with regulatory requirements, the six monitor well samples were analyzed for the eight RCRA metals and volatile organic compounds (VOCs) via EPA Method 8260B by Shealy Environmental Services. Shealy's Report of Analysis is attached as Appendix A, with a summary of groundwater analytical results for this sampling event presented in Table 1.

Laboratory test results indicated that no metals or VOC compounds were detected above their respective regulatory limits in any of the monitor well or QA/QC samples tested.

The next sampling event for the North Mecklenburg C&D Landfill site is scheduled for September 2002.

Enviro-Pro appreciates the opportunity to continue to provide our environmental services on your project. Please contact me at (704) 583-0075 if you have any questions concerning this report or when we can be of further service.

Sincerely,
ENVIRO-PRO,P.C.

Thomas H. Bolyard

Thomas H. Bolyard, P.G.
Senior Hydrogeologist

TABLE 1

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
North Mecklenburg C&D Landfill
Huntersville, North Carolina
March 16, 2002 Sampling Event

	Sample I.D.								
Parameter	MW-1	MW-4	MW-5	MW-6	MW-10	MW-11	Field Blank	Trip Blank	NCAC 2L Standard
Arsenic	BDL	BDL	BDL	BDL	BDL	BDL	NT	NT	0.05
Barium	0.053	0.082	0.14	0.058	0.046	0.16	NT	NT	2.0
Cadmium	BDL	BDL	BDL	BDL	BDL	BDL	NT	NT	0.005
Chromium	BDL	BDL	BDL	BDL	BDL	BDL	NT	NT	0.05
Lead	BDL	BDL	BDL	BDL	BDL	BDL	NT	NT	0.015
Mercury	BDL	BDL	BDL	BDL	BDL	0.00016	NT	NT	0.0011
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	NT	NT	0.05
Silver	BDL	BDL	BDL	BDL	BDL	BDL	NT	NT	0.018
All 8260B Compounds	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	

Notes: BDL = Below Detection Limits
NT = Not Tested
All Metal Results Are Presented in Parts Per Million

Report of Analysis

Enviro-Pro, P.C.
15101 Regena Lane
Charlotte, NC 28278
Attention: Tom Bolyard

Project Name: **North Mecklenburg Landfill**

Project Number: **EP-1217**

Lot Number: **DC18019**

Date Completed: **03/27/2002**

Kelly Maberry
Project Manager

This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

Shealy Environmental Services, Inc.
106 Vantage Point Drive Cayce, SC 29033 (803) 791-9700 Fax (803) 791-9111 www.shealyenvironmental.com

Case Narrative
Enviro-Pro, P.C.
Lot Number: DC18019

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative.

Sample receipt, sample analysis, and data review have been performed in accordance with Shealy's Quality Assurance Management Plan and Standard Operating Procedures. Any data qualifiers associated with sample analysis are footnoted on the analytical results page(s) or are discussed below.

Shealy Environmental Services, Inc.
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Sample Summary
Enviro-Pro, P.C.
Lot Number: DC18019

Sample Number	Sample ID	Matrix	Date Sampled
001	MW-1	Aqueous	03/16/2002 1101
002	MW-4	Aqueous	03/16/2002 1150
003	MW-5	Aqueous	03/16/2002 1120
004	MW-6	Aqueous	03/16/2002 1140
005	MW-10	Aqueous	03/16/2002 1108
006	MW-11	Aqueous	03/16/2002 1127
007	Field Bl	Aqueous	03/16/2002 1155
008	Trip Bl	Aqueous	03/16/2002

(8 samples)

Shealy Environmental Services, Inc.
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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-1**
Date Sampled: **03/16/2002 1101**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 1839	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		50	ug/L	1
Benzene	71-43-2	8260B	ND		5.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		5.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	ug/L	1
Bromoform	75-25-2	8260B	ND		5.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		5.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		5.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		5.0	ug/L	1
Chloroform	67-66-3	8260B	ND		5.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		5.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		10	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		5.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		5.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		5.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		5.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result less than the PQL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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Volatile Organic Compounds by GC/MS (continued)

Client: **Enviro-Pro, P.C.**
Description: **MW-1**
Date Sampled: **03/16/2002 1101**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 1839	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		87	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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ICP-AES

Client: **Enviro-Pro, P.C.**
Description: **MW-1**
Date Sampled: **03/16/2002 1101**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	03/25/2002 1929	FTS	03/19/2002 0910	4334
2	3030 C	6010B	1	03/26/2002 2018	FTS	03/19/2002 0910	4334

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.053**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	2
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
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CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-1**
Date Sampled: **03/16/2002 1101**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	03/19/2002 1539	NGG	03/19/2002 1130	4340

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-4**
Date Sampled: **03/16/2002 1150**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 1904	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		50	ug/L	1
Benzene	71-43-2	8260B	ND		5.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		5.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	ug/L	1
Bromoform	75-25-2	8260B	ND		5.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		5.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		5.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		5.0	ug/L	1
Chloroform	67-66-3	8260B	ND		5.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		5.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		10	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		5.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		5.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		5.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		5.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result less than the PQL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
106 Vantage Point Drive Cayce, SC 29033 (803) 791-9700 Fax (803) 791-9111 www.shealyenvironmental.com

Volatile Organic Compounds by GC/MS (continued)

Client: Enviro-Pro, P.C.
Description: MW-4
Date Sampled: 03/16/2002 1150
Date Received: 03/18/2002

Laboratory ID: DC18019-002
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 1904	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	70-130
Bromofluorobenzene		84	70-130
Toluene-d8		88	70-130

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ICP-AES

Client: **Enviro-Pro, P.C.**
Description: **MW-4**
Date Sampled: **03/16/2002 1150**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	03/25/2002 1944	FTS	03/19/2002 0910	4334

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.082**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result less than the PQL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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106 Vantage Point Drive Cayce, SC 29033 (803) 791-9700 Fax (803) 791-9111 www.shealyenvironmental.com

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-4**
Date Sampled: **03/16/2002 1150**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	03/19/2002 1540	NGG	03/19/2002 1130	4340

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result less than the PQL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.
Description: **MW-5**
Date Sampled: **03/16/2002 1120**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 1928	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		50	ug/L	1
Benzene	71-43-2	8260B	ND		5.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		5.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	ug/L	1
Bromoform	75-25-2	8260B	ND		5.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		5.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		5.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		5.0	ug/L	1
Chloroform	67-66-3	8260B	ND		5.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		5.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		10	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		5.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		5.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		5.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		5.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result less than the PQL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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Volatile Organic Compounds by GC/MS (continued)

Client: **Enviro-Pro, P.C.**
Description: **MW-5**
Date Sampled: **03/16/2002 1120**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 1928	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	70-130
Bromofluorobenzene		88	70-130
Toluene-d8		92	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
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Client: **Enviro-Pro, P.C.**
Description: **MW-5**
Date Sampled: **03/16/2002 1120**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	03/25/2002 1949	FTS	03/19/2002 0910	4334

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.14**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
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CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-5**
Date Sampled: **03/16/2002 1120**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	03/19/2002 1543	NGG	03/19/2002 1130	4340

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.
Description: MW-6
Date Sampled: 03/16/2002 1140
Date Received: 03/18/2002

Laboratory ID: DC18019-004
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 1953	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		50	ug/L	1
Benzene	71-43-2	8260B	ND		5.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		5.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	ug/L	1
Bromoform	75-25-2	8260B	ND		5.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		5.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		5.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		5.0	ug/L	1
Chloroform	67-66-3	8260B	ND		5.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		5.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		10	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		5.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		5.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		5.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		5.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
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Volatile Organic Compounds by GC/MS (continued)

Client: Enviro-Pro, P.C.
Description: MW-6
Date Sampled: 03/16/2002 1140
Date Received: 03/18/2002

Laboratory ID: DC18019-004
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 1953	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Bromofluorobenzene		87	70-130
Toluene-d8		91	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
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P = The RPD between two GC columns exceeds 40%
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Client: **Enviro-Pro, P.C.**
Laboratory ID: **DC18019-004**
Description: **MW-6**
Matrix: **Aqueous**
Date Sampled: **03/16/2002 1140**
Date Received: **03/18/2002**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	03/25/2002 1954	FTS	03/19/2002 0910	4334
2	3030 C	6010B	1	03/27/2002 1302	FTS	03/19/2002 0910	4334

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.058**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	2
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
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CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-6**
Date Sampled: **03/16/2002 1140**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	03/19/2002 1544	NGG	03/19/2002 1130	4340

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-10**
Date Sampled: **03/16/2002 1108**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 2018	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		50	ug/L	1
Benzene	71-43-2	8260B	ND		5.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		5.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	ug/L	1
Bromoform	75-25-2	8260B	ND		5.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		5.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		5.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		5.0	ug/L	1
Chloroform	67-66-3	8260B	ND		5.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		5.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		10	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		5.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		5.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		5.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		5.0	ug/L	1

PQL = Practical quantitation limit
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Volatile Organic Compounds by GC/MS (continued)

Client: **Enviro-Pro, P.C.**
Description: **MW-10**
Date Sampled: **03/16/2002 1108**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 2018	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Bromofluorobenzene		86	70-130
Toluene-d8		81	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result less than the PQL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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ICP-AES

Client: Enviro-Pro, P.C.
Description: **MW-10**
Date Sampled: **03/16/2002 1108**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	03/25/2002 1959	FTS	03/19/2002 0910	4334
2	3030 C	6010B	1	03/27/2002 1307	FTS	03/19/2002 0910	4334

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.046**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	2
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result less than the PQL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-10**
Date Sampled: **03/16/2002 1108**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	03/19/2002 1545	NGG	03/19/2002 1130	4340

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.
Description: MW-11
Date Sampled: 03/16/2002 1127
Date Received: 03/18/2002

Laboratory ID: DC18019-006
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 2043	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		50	ug/L	1
Benzene	71-43-2	8260B	ND		5.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		5.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	ug/L	1
Bromoform	75-25-2	8260B	ND		5.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		5.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		5.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		5.0	ug/L	1
Chloroform	67-66-3	8260B	ND		5.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		5.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		10	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		5.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		5.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		5.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		5.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result less than the PQL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS (continued)

Client: **Enviro-Pro, P.C.**
Laboratory ID: **DC18019-006**
Description: **MW-11**
Matrix: **Aqueous**
Date Sampled: **03/16/2002 1127**
Date Received: **03/18/2002**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 2043	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	70-130
Bromofluorobenzene		78	70-130
Toluene-d8		82	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
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ICP-AES

Client: **Enviro-Pro, P.C.**
Description: **MW-11**
Date Sampled: **03/16/2002 1127**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	03/25/2002 2004	FTS	03/19/2002 0910	4334

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.16**		**0.025**	**mg/L**	**1**
Cadmium	7440-43-9	6010B	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	mg/L	1
Lead	7439-92-1	6010B	ND		0.0030	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

PQL = Practical quantitation limit
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-11**
Date Sampled: **03/16/2002 1127**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	03/19/2002 1547	NGG	03/19/2002 1130	4340

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	0.00016		0.00010	mg/L	1

PQL = Practical quantitation limit
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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **Field Bl**
Date Sampled: **03/16/2002 1155**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 2108	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		50	ug/L	1
Benzene	71-43-2	8260B	ND		5.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		5.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	ug/L	1
Bromoform	75-25-2	8260B	ND		5.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		5.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		5.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		5.0	ug/L	1
Chloroform	67-66-3	8260B	ND		5.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		5.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		10	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		5.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		5.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		5.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		5.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS (continued)

Client: **Enviro-Pro, P.C.**
Description: **Field Bl**
Date Sampled: **03/16/2002 1155**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 2108	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		86	70-130
Toluene-d8		93	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.
Description: Trip Bl
Date Sampled: 03/16/2002
Date Received: 03/18/2002

Laboratory ID: DC18019-008
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 2133	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		50	ug/L	1
Benzene	71-43-2	8260B	ND		5.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		5.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	ug/L	1
Bromoform	75-25-2	8260B	ND		5.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		5.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		5.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		5.0	ug/L	1
Chloroform	67-66-3	8260B	ND		5.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		5.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		10	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		5.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		5.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		5.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		5.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result less than the PQL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS (continued)

Client: **Enviro-Pro, P.C.**
Description: **Trip Bl**
Date Sampled: **03/16/2002**
Date Received: **03/18/2002**

Laboratory ID: **DC18019-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	03/21/2002 2133	RED		

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		78	70-130
Toluene-d8		84	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result less than the PQL
E = Quantitation of compound exceeded the calibration range
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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SHEALY **Chain of Custody Record**

SHEALY ENVIRONMENTAL SERVICES, INC.
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Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 09176

Client: Enviro-Pro, P.C	Project Manager: T. Bolyard	Telephone No. / Fax No. / E-mail: 704-583-0075	Quote No. 7456
Address: 15101 Regena Ln.	Sampler's Signature: X T. Bolyard	Waybill No.	Page 1 of 1
City: Charlotte; State: NC; Zip Code: 28278	Printed Name: T. Bolyard	Analysis (Attach list if more space is needed.)	
Project Name: NMLF			
Project No.: EP-1217	P.O. No.		Lot No. DC18079

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit	Appdix I VOC 8260B	RCRA Metals (3030C Prep)	Remarks / Cooler I.D.
MW-1	3/16/02	11:01	G	X					1	3			✓	✓	
MW-4	"	11:50	G	X					1	3			✓	✓	
MW-5	"	11:20	G	X					1	3			✓	✓	
MW-6	"	11:40	G	X					1	3			✓	✓	
MW-10	"	11:08	G	X					1	3			✓	✓	
MW-11	"	11:27	G	X					1	3			✓	✓	
Field Bl.	"	11:55	G	X						2			✓		
Trip Bl.				X						2			✓		

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client ☑ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☑ Standard ☐ Rush (Specify) (7-Day T-A-T)

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by: T. Bolyard	3/18/02	1420	1. Received by: [illegible]	3/18/02	1420
2. Relinquished by: [illegible]	3/18/02	1530	2. Received by: Apex Express	3/18/02	1530
3. Relinquished by: Apex Express	3/18/02	1645	3. Laboratory received by: [illegible]	3/18/02	1645

Comments:

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack
Receipt Temp. 2.0 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s). PINK-Field/Client Copy

Shealy Form No. 1001

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

CLIENT: North Mecklenburg Landfill
LOCATION: 15300 Holbrooks Rd.
PROJECT NAME/DESCRIPTION: N. Meck. Landfill
DATE OF WATER LEVEL MEASUREMENTS: 3/15/02

DEVELOP:
PURGING: ✓
SAMPLING: ✓

PROJECT NO: EP-1217
PROJ. MGR.: TB
CHECKED BY:
PREPARED BY: TB

Sample ID	A Well No.	B Sample Date	C Time (hrs)	D Well Depth (ft)	E MP Elevation (ft)	F Depth to Water (ft-bmp)	(E-F)=G Water Level Elevation (ft)	(D-F)=H Hgt. of Water Col. (ft)	I Volume of Water (gal)*	Vol. of Water Pgd. (gal)**	Temp. (°C)	Specific Cond. (umhos)	pH	Turbidity or Appearance
	MW-1	3-16-02	11:01	25		14.43	+0.55	10.57	1.7	5.5				
	MW-4	"	11:50	42		36.82	-0.52	5.18	0.8	2.5				
	MW-5	"	11:20	55		29.05	+1.23	25.97	4.2	13				
	MW-6	"	11:40	67		60.95	+0.08	6.05	1.0	3				
	MW-10	"	11:08	19		11.67	+1.00	7.33	1.2	4				
	MW-11	"	11:27	80		67.34	+2.46	12.66	2.0	6				

Comments:

*To calculate volume of water in the well multiply "H" by 0.163 for a 2" well, 0.652 for a 4" well, or 1.469 for a 6" well

**To calculate purge volume, multiply "I" by the desired number of well volumes (e.g. 3 to 5)

(e.g., after each well volume)

GRIFFIN BROTHERS COMPANIES

April 29, 2002

Mr. Larry Rose
North Carolina Department of Environment
Health and Natural Resources
Division of Solid Waste Management
401 Oberlin Road, Suite 150
Raleigh, North Carolina 27605

RE: Groundwater Monitor Well Sampling Results
North Mecklenburg Landfill
Huntersville, N.C. 28078

Dear Mr. Rose,

As required, North Mecklenburg Landfill has completed our semi-annual groundwater monitoring event as discussed in the attached report (Enviro-Pro, report dated April 19,2002).

If you have any questions, please do not hesitate to contact me at 704-895-0329.

Sincerely,

Ron Gilkerson

Ron Gilkerson

Cc: Mr. Dennis Tyndall
Mecklenburg County Environmental Protection
700 North Tryon Street, Suite 205
Charlotte, N.C. 28202-2236

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