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ENVIRO-PRO
PROFESSIONAL CORPORATION

SEMI-ANNUAL MONITORING REPORT (5)

North Mecklenburg Landfill – Expansion Area
Holbrooks Road
Huntersville, North Carolina

Section/Co ID #	Date	Doc ID#
BE	4 / 24 / 04	DIN

Prepared for:
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Received
APR 2004
Waste Management

Prepared by:
Enviro-Pro, P.C.
2646 Farmlake Lane
Fort Mill, South Carolina 29708

Project Number EP-1292

April 14, 2004

NORTH CAROLINA LICENSED SEAL GEOLOGIST THOMAS H. YARD

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Field Sampling Activities

On March 26, 2004, Enviro-Pro (EP) personnel collected groundwater samples from on-site perimeter monitor wells MW-12, MW-13, MW-14, MW-15, and MW-16 and surface water samples SW-1 (upgradient) and SW-2 (downgradient). 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.

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 bailers. Each well was then sampled 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 in Cayce, South Carolina. Chain-of-Custody documentation is included with the analytical reports in Appendix A.

3) 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 (bailer 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 decreased in four of the five monitor wells since the previous sampling event on October 10, 2003. The groundwater level increased 0.1 foot in well MW-15 since the previous sampling event.

Laboratory Test Results

In accordance with regulatory requirements, the five monitor well samples and the two surface water 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 and surface water analytical results for this and previous sampling events included 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, surface water, or QA/QC samples tested. The barium levels detected in the monitor wells and stream samples are representative of those naturally occurring in the bedrock, soil, and groundwater in this area.

The next sampling event for the North Mecklenburg C&D Landfill-Expansion Area is scheduled for October 2004.

TABLE 1

SUMMARY OF GROUNDWATER AND SURFACE WATER RESULTS
North Mecklenburg C&D Landfill - Expansion Area
Holbrooks Road
Huntersville, North Carolina

Sample ID	3/16/02		10/31/02	3/26/03	9/13/03		3/26/04
	Barium	Chromium	Barium	Barium	Barium	Selenium	Barium
MW-12	0.046	0.0064	NT	BDL	0.031	BDL	BDL
MW-13	0.098	0.007	0.061	0.055	0.072	BDL	0.053
MW-14	0.046	BDL	0.054	0.083	0.16	0.0059	0.099
MW-15	0.074	BDL	0.04	0.059	0.062	BDL	0.029
MW-16	0.071	BDL	0.041	0.039	0.094	0.0058	0.033
SW-1	0.027	BDL	0.047	0.03	0.058	BDL	0.033
SW-2	0.038	BDL	0.06	0.045	BDL	BDL	BDL
2L Standard	**2**	**0.05**	**2**	**2**	**2**	**0.05**	**2**

Notes: All results are presented in milligrams per liter (mg/l)
BDL = Below detection limit
NT = Not tested

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

Enviro-Pro, P.C.
2646 Farmlake Lane
Fort Mill, SC 29708
Attention: Tom Bolyard

Project Name: **North Mecklenburg Landfill - EXP**

Project Number: **EP-1292**

Lot Number: **FC30005**

Date Completed: **04/07/2004**

Kelly M. Maberry
Project Manager

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

Case Narrative
Enviro-Pro, P.C.
Lot Number: FC30005

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.

Sample Summary
Enviro-Pro, P.C.
Lot Number: FC30005

Sample Number	Sample ID	Matrix	Date Sampled
001	MW-12	Aqueous	03/26/2004 1330
002	MW-13	Aqueous	03/26/2004 1345
003	MW-14	Aqueous	03/26/2004 1400
004	MW-15	Aqueous	03/26/2004 1415
005	MW-16	Aqueous	03/26/2004 1430
006	SW-1	Aqueous	03/26/2004 1445
007	SW-2	Aqueous	03/26/2004 1500
008	Field Blank	Aqueous	03/26/2004 1515
009	Trip Blank	Aqueous	03/26/2004

(9 samples)

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

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary
Enviro-Pro, P.C.
Lot Number: FC30005

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
002	MW-13	Aqueous	Barium	6010B	0.053		mg/L	8
003	MW-14	Aqueous	Barium	6010B	0.099		mg/L	10
004	MW-15	Aqueous	Barium	6010B	0.029		mg/L	12
005	MW-16	Aqueous	Barium	6010B	0.033		mg/L	14
006	SW-1	Aqueous	Barium	6010B	0.033		mg/L	16

(5 detections)

Client: **Enviro-Pro, P.C.**
Description: **MW-12**
Date Sampled: **03/26/2004 1330**
Date Received: **03/29/2004**

Laboratory ID: **FC30005-001**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 1832	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"

Client: **Enviro-Pro, P.C.**
Description: **MW-12**
Date Sampled: **03/26/2004 1330**
Date Received: **03/29/2004**

Laboratory ID: **FC30005-001**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 1832	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		104	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		94	70-130

ICP-AES

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	04/02/2004 1834	MNM	03/30/2004 1600	14305

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.010	mg/L	1
Barium	7440-39-3	6010B	ND		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

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/05/2004 1907	MNM	04/05/2004 1411	14399

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00040	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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Client: **Enviro-Pro, P.C.**	Laboratory ID: **FC30005-002**
Description: **MW-13**	Matrix: **Aqueous**
Date Sampled: **03/26/2004 1345**	
Date Received: **03/29/2004**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 1857	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"

Client: **Enviro-Pro, P.C.**	Laboratory ID: **FC30005-002**
Description: **MW-13**	Matrix: **Aqueous**
Date Sampled: **03/26/2004 1345**	
Date Received: **03/29/2004**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 1857	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		109	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		100	70-130

ICP-AES

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	04/02/2004 1853	MNM	03/30/2004 1600	14305

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.010	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	1
Selenium	7782-49-2	6010B	ND		0.0050	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	mg/L	1

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/05/2004 1908	MNM	04/05/2004 1411	14399

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00040	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"

Client: **Enviro-Pro, P.C.**
Description: **MW-14**
Date Sampled: **03/26/2004 1400**
Date Received: **03/29/2004**

Laboratory ID: **FC30005-003**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 1922	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"

Client: **Enviro-Pro, P.C.**	Laboratory ID: **FC30005-003**
Description: **MW-14**	Matrix: **Aqueous**
Date Sampled: **03/26/2004 1400**	
Date Received: **03/29/2004**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 1922	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		106	70-130
Bromofluorobenzene		89	70-130
Toluene-d8		97	70-130

ICP-AES

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	04/02/2004 1859	MNM	03/30/2004 1600	14305

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.010	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.099**		**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

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/05/2004 1909	MNM	04/05/2004 1411	14399

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00040	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"

Client: **Enviro-Pro, P.C.**
Description: **MW-15**
Date Sampled: **03/26/2004 1415**
Date Received: **03/29/2004**

Laboratory ID: **FC30005-004**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 1947	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"

Client: **Enviro-Pro, P.C.**
Description: **MW-15**
Date Sampled: **03/26/2004 1415**
Date Received: **03/29/2004**

Laboratory ID: **FC30005-004**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 1947	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		114	70-130
Bromofluorobenzene		87	70-130
Toluene-d8		92	70-130

ICP-AES

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	04/02/2004 1906	MNM	03/30/2004 1600	14305

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.010	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.029**		**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

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/05/2004 1912	MNM	04/05/2004 1411	14399

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00040	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"

Client: **Enviro-Pro, P.C.**
Description: **MW-16**
Date Sampled: **03/26/2004 1430**
Date Received: **03/29/2004**

Laboratory ID: **FC30005-005**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 2012	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"

Client: **Enviro-Pro, P.C.**	Laboratory ID: **FC30005-005**
Description: **MW-16**	Matrix: **Aqueous**
Date Sampled: **03/26/2004 1430**	
Date Received: **03/29/2004**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 2012	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		119	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		92	70-130

ICP-AES

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	04/02/2004 1912	MNM	03/30/2004 1600	14305

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.010	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.033**		**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

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/05/2004 1913	MNM	04/05/2004 1411	14399

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00040	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"

Client: **Enviro-Pro, P.C.**
Description: **SW-1**
Date Sampled: **03/26/2004 1445**
Date Received: **03/29/2004**

Laboratory ID: **FC30005-006**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 2037	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.shealylab.com

Client: **Enviro-Pro, P.C.**
Description: **SW-1**
Date Sampled: **03/26/2004 1445**
Date Received: **03/29/2004**

Laboratory ID: **FC30005-006**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 2037	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		118	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		89	70-130

ICP-AES

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	04/02/2004 1918	MNM	03/30/2004 1600	14305

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.010	mg/L	1
Barium	**7440-39-3**	**6010B**	**0.033**		**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

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/05/2004 1914	MNM	04/05/2004 1411	14399

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00040	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"

Client: **Enviro-Pro, P.C.**
Description: **SW-2**
Date Sampled: **03/26/2004 1500**
Date Received: **03/29/2004**

Laboratory ID: **FC30005-007**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 2102	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"

Client: **Enviro-Pro, P.C.**
Description: **SW-2**
Date Sampled: **03/26/2004 1500**
Date Received: **03/29/2004**

Laboratory ID: **FC30005-007**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/06/2004 2102	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		120	70-130
Bromofluorobenzene		89	70-130
Toluene-d8		88	70-130

ICP-AES

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3030 C	6010B	1	04/02/2004 1924	MNM	03/30/2004 1600	14305

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.010	mg/L	1
Barium	7440-39-3	6010B	ND		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

CVAA

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/05/2004 1919	MNM	04/05/2004 1411	14400

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.0016	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"

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

Client: **Enviro-Pro, P.C.**	Laboratory ID: **FC30005-008**
Description: **Field Blank**	Matrix: **Aqueous**
Date Sampled: **03/26/2004 1515**	
Date Received: **03/29/2004**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/07/2004 1245	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"

Client: **Enviro-Pro, P.C.**	Laboratory ID: **FC30005-008**
Description: **Field Blank**	Matrix: **Aqueous**
Date Sampled: **03/26/2004 1515**	
Date Received: **03/29/2004**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/07/2004 1245	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		83	70-130
Bromofluorobenzene		89	70-130
Toluene-d8		85	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"

Client: **Enviro-Pro, P.C.**
Description: **Trip Blank**
Date Sampled: **03/26/2004**
Date Received: **03/29/2004**

Laboratory ID: **FC30005-009**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/07/2004 1308	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"

Client: **Enviro-Pro, P.C.**
Description: **Trip Blank**
Date Sampled: **03/26/2004**
Date Received: **03/29/2004**

Laboratory ID: **FC30005-009**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/07/2004 1308	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		90	70-130
Toluene-d8		90	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"

SHEALY **Chain of Custody Record**

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
Cayce, South Carolina 29033
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 30803

Client: Enviro-Pro, P.C.	Report to Contact: T. Bolyard	Telephone No. / Fax No. / E-mail: 803-547-4955	Quote No.: 7456
Address: 2646 Farmlake Ln.	Sampler's Signature: X T. Bolyard	Waybill No.:	Page 1 of 1
City: Ft. Mill; State: SC; Zip Code: 29708	Printed Name: T. Bolyard	Analysis (Attach list if more space is needed.)	
Project Name: NMLF-EXP			
Project No.: EP-1292			Lot No.: FC30005

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.	H_2SO_4	HNO_3	HCl	NaOH	5035 Kit	8260B (Appendix I)	RCRA Metals	Remarks / Cooler I.D.
MW-12	3/26/04	13:30	G	X					1	3			✓	✓	
MW-13		13:45	G	X					1	3			✓	✓	
MW-14		14:00	G	X					1	3			✓	✓	
MW-15		14:15	G	X					1	3			✓	✓	
MW-16		14:30	G	X					1	3			✓	✓	
SW-1		14:45	G	X					1	3			✓	✓	
SW-2		15:00	G	X					1	3			✓	✓	
Field Blank		15:15	G	X						2			✓		
Trip Blank				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):

1. Relinquished by: T. Bolyard	Date: 3/29/04	Time: 19:30	1. Received by: [signature]	Date: 3-29-04	Time: 19:30
2. Relinquished by: [signature]	Date: 3-29-04	Time: 1625	2. Received by:	Date:	Time:
3. Relinquished by:	Date:	Time:	3. Laboratory received by: [signature]	Date: 3/29/04	Time: 1625

Comments:

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack
Receipt Temp. 0.9 °C

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

Sample Receipt Checklist

Client: EnviroPro Cooler Inspected by/date LSC / 3/30/04 Lot #: FC30005

Means of receipt: ☑ SESI ☐ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other

Yes ☐	No ☑	NA ☐	1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

Cooler temperature upon receipt 0.9 °C
Method: ☑ Temperature Blank ☐ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 13,14,15), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. Is the shipper's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	4. Were proper custody procedures followed?
Yes ☑	No ☐	NA ☐	5. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	6. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	7. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	8. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	9. Did all container labels agree with COC?
Yes ☑	No ☐	NA ☐	10. Did all containers arrive in good condition (unbroken)?
Yes ☑	No ☐	NA ☐	11. Was adequate sample volume available?
Yes ☐	No ☑	NA ☐	12. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	13. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	14. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	15. Was headspace >6 mm present in any VOA vials?
Yes ☑	No ☐	NA ☐	16. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	17. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	18. Were all NH3/TKN/cyanide/BNA/pest/PCB/herb (<0.2 mg/L) and toxicity (<0.1 mg/L) samples free of residual chlorine?
Yes ☐	No ☑	NA ☐	19. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving.

Sample(s) _____ were received with headspace >6 mm in diameter.

Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s) _____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐
Did client respond: Yes ☐ No ☐
Date of response: _____
SESI employee: _____
Comments:

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

CLIENT: North Meck. Landfill, LLC
LOCATION: Huntersville, NC
PROJECT NAME/DESCRIPTION: NMLF-Expansion Area
DATE OF WATER LEVEL MEASUREMENTS: 3-26-04

DEVELOP:
PURGING: ✓
SAMPLING: ✓

PROJECT NO.: EP-1292
PROJ. MGR.: THB
CHECKED BY:
PREPARED BY: THB

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
13:30	MW-12	3/26/04	13:30	60		53.25		6.75	1.1	3.0				
13:45	MW-13	"	13:45	45		30.24		5.76	.9	3.0				
14:00	MW-14	"	14:00	36		23.08		12.92	1.9	6.0				
14:15	MW-15	"	14:15	23		14.50		8.5	1.3	4.0				
14:30	MW-16	"	14:30	28		21.95		6.05	.9	3.0				
14:45	SW-1 (up)	"	14:45	—										
15:00	SW-2 (down)	"	15:00	—										
	Field Blank	"	15:15	—										
	Trip Blank			—										

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).

DEVELOPMENT/PURGE READINGS

PROJECT NO.: EP-1292
PROJECT NAME: NMLF-Expansion Area
LOCATION: Huntersville, NC

DATE(S): 3-26-04
PERSONNEL: TRB / BVB

WELL I.D.	TIME(Duration)	GALLONS	NTUs	TEMP. (DEGREES C)	CONDUCTIVITY (2mu/cm)	pH
MW-14		1		18.4	648.0	
		2		18.0	639.0	
		3		17.9	640.0	
MW-15		1		15.1	188.6	
		2		15.2	184.3	
		3		14.7	188.2	
		4		14.5	181.9	
MW-16		1		19.1	425.6	
		2		19.2	427.3	
		3		19.4	428.2	
MW-12		1		18.2	306.7	
		2		18.0	302.9	
		3		18.0	301.2	
MW-13		1		17.8	379.1	
		2		17.2	370.9	
		3		17.0	372.3	

GRIFFIN BROTHERS COMPANIES

April 21, 2004

Received
APR 2004
Waste Management

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: Semi-Annual Groundwater Sampling Results
North Mecklenburg Landfill- Expansion Area
Huntersville, North Carolina

Dear Mr. Rose,

As required, North Mecklenburg Landfill-Expansion Area has completed our semi-annual monitoring event as discussed in the attached report (Enviro-Pro, report dated April 14, 2004).

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

Sincerely,

Ronald C. Gilkerson

Ronald C. Gilkerson