ENVIRO-PRO
PROFESSIONAL CORPORATION

November 26, 2011

Mr. Ron Gilkerson
Griffin Brothers Companies
19109 W. Catawba Avenue, Suite 200
Cornelius, North Carolina 28031-5613

RECEIVED DEC -2 2011 WASTE SECTION

RE: Second 2011 Semi-Annual Groundwater Sampling Report (12)
North Mecklenburg C&D Landfill – Expansion Area II
Holbrooks Road
Huntersville, North Carolina
Project No. EP-1401

Dear Mr. Gilkerson:

In accordance with the Water Quality Monitoring Plan approved by the North Carolina DENR-Solid Waste Section as part of the Site Plan Application Report, Enviro-Pro, P.C. (EP) is pleased to submit this report which describes the second 2011 semi-annual sampling event and summarizes the surface water and groundwater analytical results for the subject site.

Enviro-Pro appreciates the opportunity to continue to provide our environmental services on your project. Please contact me at (803) 547-4955 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

DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Enviro-Pro, P.C.

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Thomas H. Bolyard, P.G. Phone: (803) 547-4955

E-mail: enviropro@comporium.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
North Mecklenburg C&D Landfill Expansion Area II	15300 Holbrooks Road, Huntersville, NC	60-13	.0500	October 25, 2011

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☐ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify) _____

Notification attached?

☒ No. No groundwater or surface water standards were exceeded.
☐ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Thomas H. Bolyard, P.G.	Senior Hydrogeologist	(803) 547-4955
Facility Representative Name (Print)	Title	(Area Code) Telephone Number
Thomas H. Bolyard	11/25/11	Affix NC Licensed/ Professional Geologist/Engineer Seal here:
Signature	Date	

NORTH CAROLINA LICENSED SEAL 492 GEOLOGIST THOMAS H. BOLYARD

Revised 01/2007

2ND 2011 SEMI-ANNUAL MONITORING REPORT (12)

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

Prepared for:
Mr. Ron Gilkerson
Griffin Brothers Companies
19109 West Catawba Avenue, Suite 200
Cornelius, North Carolina 28031

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

Project No. EP-1401

November 26, 2011

NORTH CAROLINA LICENSED SEAL 492 GEOLOGIST THOMAS H. BOLYARD

Field Sampling Activities

On October 25, 2011 Enviro-Pro (EP) personnel collected groundwater samples from on-site perimeter monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, 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 Pace Analytical Services, Inc., a North Carolina-certified laboratory in Huntersville, North 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 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 field sheet included as Appendix B. Groundwater levels decreased in five monitor wells and increased in one monitor well since the previous sampling event on April 20, 2011.

Laboratory Test Results

In accordance with regulatory requirements, the six monitor well samples and the two surface water samples were analyzed for Appendix I metals and volatile organic compounds (VOCs) by Pace Analytical Services, Inc. In addition, the groundwater samples were analyzed for alkalinity, chloride, sulfate, and total dissolved solids (TDS) Pace's Report of Laboratory Analysis is attached as Appendix A, with a summary of groundwater and surface water analytical results for this sampling event included in Table I.

Barium was detected below its 2L Standard in all the monitor wells and both stream samples. Arsenic, cobalt, vanadium, and zinc were detected in several wells at concentrations below their 2L standards. These metals are naturally occurring at low concentrations in the bedrock, soil, and groundwater in this area. Inorganic compounds (alkalinity, total dissolved solids (TDS), sulfate, and chloride) were detected in several of the monitor wells sampled at concentrations below their 2L Standards. Acetone and/or cis-1,2-dichloroethene were detected in MW-2, MW-3, MW-4, and MW-6 at concentrations below their respective 2L standards. Acetone and methylene chloride were also detected in the field blank and trip blank. The source of these compounds appears to be in the laboratory supplied water comprising the blanks. No other Appendix I metals or VOC's were detected in any of the monitor well samples, stream samples, or QA/QC blanks above their 2L Standards.

The next sampling event for the North Mecklenburg C&D Landfill-Expansion Area II is scheduled for April 2012.

TABLE 1

SUMMARY OF ANALYTICAL RESULTS
North Mecklenburg C&D Landfill Expansion Area-II
Huntersville, North Carolina
October 25, 2011

Analytical Method →	8260	8260	8260	6010C	6010C	6010C	6010C	6010C	2320B	2540C	300.0	300.0
Contaminant of Concern → / Sample ID	Acetone	Methylene Chloride	cis-1,2-Dichloroethene	Arsenic	Barium	Cobalt	Vanadium	Zinc	Alkalinity	TDS	Sulfate	Chloride
MW-1	BDL	BDL	BDL	BDL	0.0622	BDL	0.0069	0.0291	130	239	5.13	5.69
MW-2	20	BDL	0.21	0.0331	0.297	0.0419	0.0061	BDL	312	379	BDL	18.1
MW-3	18.6	BDL	0.31	BDL	0.253	0.130	BDL	BDL	294	408	59.3	5.05
MW-4	15.8	BDL	BDL	BDL	0.0361	BDL	BDL	BDL	73.6	164	6.44	7.62
MW-5	BDL	BDL	BDL	BDL	0.0426	0.021	BDL	BDL	123	252	9.89	27.9
MW-6	2.5	BDL	BDL	BDL	0.0422	BDL	BDL	BDL	23.8	232	80.8	BDL
SW-1	4.4	BDL	BDL	BDL	0.0419	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-2	4.5	BDL	BDL	BDL	0.0414	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Field Blank	4.4	1.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trip Blank	3.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2L Standard	**6,000**	**5**	**70**	**0.01**	**0.7**	**NE**	**NE**	**1**	**NE**	**500**	**250**	**250**

Notes: All metals/Inorganic compounds are presented in milligrams per liter (mg/l)
BDL = Below detection limit
All VOCs are presented in micrograms per liter (ug/l)
NE = None Established
TDS = Total Dissolved Solids
Shaded/bolded areas represent compounds that exceed their 2L Standards

TABLE 2
HISTORICAL SUMMARY OF GROUNDWATER SAMPLING RESULTS
North Mecklenburg C&D Landfill Expansion Area II
Holbrooks Road, Huntersville, North Carolina

Sample ID	4/10/09				10/21/09							10/25/11											
	Barium	Chromium	Arsenic	Silver	Arsenic	Barium	Chromium	Silver	Acetone	Trichlorofluoromethane	Methylene Chloride	Acetone	Methylene Chloride	cis-1,2 Dichloroethene	Arsenic	Barium	Cobalt	Vanadium	Zinc	Alkalinity	TDS	Sulfate	Chloride
MW-1	0.0842	0.0029	BDL	0.00016	0.0032	0.111	0.00019	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0622	BDL	0.0069	0.0291	130	239	5.13	5.69
MW-2	0.172	BDL	0.0049	0.00081	BDL	0.136	BDL	0.0009	BDL	BDL	BDL	20	BDL	0.21	0.0331	0.297	0.0419	0.0061	BDL	312	379	BDL	18.1
MW-3	0.132	BDL	BDL	0.00021	BDL	0.114	BDL	0.00047	BDL	BDL	BDL	18.6	BDL	0.31	BDL	0.253	0.130	BDL	BDL	294	408	59.3	5.05
MW-4	0.0879	BDL	BDL	BDL	BDL	0.0659	BDL	0.00023	3.5	0.22	BDL	15.8	BDL	BDL	BDL	0.0361	BDL	BDL	BDL	73.6	164	6.44	7.62
MW-5	0.0248	0.00064	BDL	BDL	BDL	0.0491	0.005	0.00029	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0426	0.021	BDL	BDL	123	252	9.89	27.9
MW-6	0.0688	0.0012	BDL	BDL	BDL	0.0558	0.0017	0.0024	BDL	BDL	BDL	2.5	BDL	BDL	BDL	0.0422	BDL	BDL	BDL	23.8	232	80.8	BDL
SW-1	0.0598	0.0025	BDL	BDL	BDL	0.0329	BDL	0.00033	BDL	BDL	BDL	4.4	BDL	BDL	BDL	0.0419	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-2	0.0487	BDL	BDL	BDL	BDL	0.0697	BDL	0.00056	BDL	BDL	BDL	4.5	BDL	BDL	BDL	0.0414	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Field Blank	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	4.4	1.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trip Blank	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2L Standard	0.7	0.05	0.05	0.0175	0.01	0.7	0.05	0.0175	6,000	5	5	6,000	5	70	0.01	0.7	NE	NE	1	NE	500	250	250

Notes: All metals/inorganic compounds are presented in milligrams per liter (mg/l)
All VOCs are presented in micrograms per liter (ug/L)
BDL = Below detection limit TDS = Total Dissolved Solids NE = None Established

APPENDIX A

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 08, 2011

Tom Bolyard
Enviro Pro
2646 Farm Lake Lane
Fort Mill, SC 29708

RE: Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Dear Tom Bolyard:
Enclosed are the analytical results for sample(s) received by the laboratory on October 27, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Godwin

kevin.godwin@pacelabs.com
Project Manager

Enclosures

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Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Drinking Water Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460144

Asheville Certification IDs
2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia Certification #: 00072
West Virginia Certification #: 356
Virgina/VELAP Certification #: 460147

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Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92105193001	**MW-1**	Water	10/25/11 09:00	10/27/11 08:51
92105193002	**MW-2**	Water	10/25/11 09:30	10/27/11 08:51
92105193003	**MW-3**	Water	10/25/11 10:00	10/27/11 08:51
92105193004	**MW-4**	Water	10/25/11 10:30	10/27/11 08:51
92105193005	**MW-5**	Water	10/25/11 11:00	10/27/11 08:51
92105193006	**MW-6**	Water	10/25/11 11:30	10/27/11 08:51
92105193007	**SW-1**	Water	10/25/11 11:45	10/27/11 08:51
92105193008	**SW-2**	Water	10/25/11 12:00	10/27/11 08:51
92105193009	**FIELD BLANK**	Water	10/25/11 11:15	10/27/11 08:51
92105193010	**TRIP BLANK**	Water	10/25/11 00:00	10/27/11 08:51

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SAMPLE ANALYTE COUNT

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92105193001	MW-1	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	GW1	1	PASI-A
		EPA 300.0	SAJ	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92105193002	MW-2	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	GW1	1	PASI-A
		EPA 300.0	SAJ	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92105193003	MW-3	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	GW1	1	PASI-A
		EPA 300.0	SAJ	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92105193004	MW-4	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	GW1	1	PASI-A
		EPA 300.0	SAJ	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92105193005	MW-5	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	GW1	1	PASI-A
		EPA 300.0	SAJ	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92105193006	MW-6	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	MCK	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	GW1	1	PASI-A
		EPA 300.0	SAJ	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92105193007	**SW-1**	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
92105193008	**SW-2**	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
92105193009	**FIELD BLANK**	EPA 8260	MCK	54	PASI-C
92105193010	**TRIP BLANK**	EPA 8260	MCK	54	PASI-C

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: MW-1 **Lab ID: 92105193001** Collected: 10/25/11 09:00 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	10/30/11 10:00	10/31/11 18:23	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:23	7440-38-2	
Barium	**62.2J**	ug/L	100	5.0	1	10/30/11 10:00	10/31/11 18:23	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 18:23	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 18:23	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:23	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:23	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:23	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:23	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	10/30/11 10:00	10/31/11 18:23	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 18:23	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:23	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	10/30/11 10:00	10/31/11 18:23	7440-28-0	
Vanadium	**6.9J**	ug/L	25.0	5.0	1	10/30/11 10:00	10/31/11 18:23	7440-62-2	
Zinc	**29.1**	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 18:23	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	11/01/11 14:50	11/02/11 13:20	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		11/05/11 21:15	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		11/05/11 21:15	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		11/05/11 21:15	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		11/05/11 21:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/05/11 21:15	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		11/05/11 21:15	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		11/05/11 21:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		11/05/11 21:15	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		11/05/11 21:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/05/11 21:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		11/05/11 21:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		11/05/11 21:15	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		11/05/11 21:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/05/11 21:15	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		11/05/11 21:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		11/05/11 21:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/05/11 21:15	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		11/05/11 21:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		11/05/11 21:15	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/05/11 21:15	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		11/05/11 21:15	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		11/05/11 21:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/05/11 21:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		11/05/11 21:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		11/05/11 21:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		11/05/11 21:15	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: MW-1 **Lab ID: 92105193001** Collected: 10/25/11 09:00 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/05/11 21:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/05/11 21:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/05/11 21:15	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/05/11 21:15	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		11/05/11 21:15	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		11/05/11 21:15	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		11/05/11 21:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		11/05/11 21:15	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		11/05/11 21:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		11/05/11 21:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		11/05/11 21:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/05/11 21:15	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		11/05/11 21:15	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		11/05/11 21:15	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/05/11 21:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/05/11 21:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/05/11 21:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/05/11 21:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		11/05/11 21:15	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		11/05/11 21:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/05/11 21:15	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		11/05/11 21:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/05/11 21:15	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		11/05/11 21:15	95-47-6	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/05/11 21:15	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		11/05/11 21:15	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		11/05/11 21:15	17060-07-0	
Toluene-d8 (S)	95	%	70-130		1		11/05/11 21:15	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**130000**	ug/L	5000	5000	1		11/05/11 13:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**239000**	ug/L	25000	25000	1		11/01/11 18:38		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**5130J**	ug/L	250000	5000	1		11/01/11 00:27	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**5690**	ug/L	5000	5000	1		11/07/11 15:48	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: MW-2 **Lab ID: 92105193002** Collected: 10/25/11 09:30 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	10/30/11 10:00	10/31/11 18:40	7440-36-0	
Arsenic	**33.1**	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:40	7440-38-2	
Barium	**297**	ug/L	100	5.0	1	10/30/11 10:00	10/31/11 18:40	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 18:40	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 18:40	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:40	7440-47-3	
Cobalt	**41.9**	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:40	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:40	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:40	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	10/30/11 10:00	10/31/11 18:40	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 18:40	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:40	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	10/30/11 10:00	10/31/11 18:40	7440-28-0	
Vanadium	**6.1J**	ug/L	25.0	5.0	1	10/30/11 10:00	10/31/11 18:40	7440-62-2	
Zinc	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 18:40	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	11/01/11 14:50	11/02/11 13:23	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**20.0J**	ug/L	25.0	2.2	1		11/05/11 21:39	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		11/05/11 21:39	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		11/05/11 21:39	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		11/05/11 21:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/05/11 21:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		11/05/11 21:39	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		11/05/11 21:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		11/05/11 21:39	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		11/05/11 21:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/05/11 21:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		11/05/11 21:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		11/05/11 21:39	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		11/05/11 21:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/05/11 21:39	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		11/05/11 21:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		11/05/11 21:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/05/11 21:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		11/05/11 21:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		11/05/11 21:39	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/05/11 21:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		11/05/11 21:39	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		11/05/11 21:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/05/11 21:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		11/05/11 21:39	75-35-4	
cis-1,2-Dichloroethene	**0.21J**	ug/L	1.0	0.19	1		11/05/11 21:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		11/05/11 21:39	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: MW-2 **Lab ID: 92105193002** Collected: 10/25/11 09:30 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/05/11 21:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/05/11 21:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/05/11 21:39	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/05/11 21:39	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		11/05/11 21:39	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		11/05/11 21:39	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		11/05/11 21:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		11/05/11 21:39	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		11/05/11 21:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		11/05/11 21:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		11/05/11 21:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/05/11 21:39	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		11/05/11 21:39	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		11/05/11 21:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/05/11 21:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/05/11 21:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/05/11 21:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/05/11 21:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		11/05/11 21:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		11/05/11 21:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/05/11 21:39	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		11/05/11 21:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/05/11 21:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		11/05/11 21:39	95-47-6	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/05/11 21:39	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		11/05/11 21:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		11/05/11 21:39	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		11/05/11 21:39	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**312000**	ug/L	5000	5000	1		11/05/11 13:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**379000**	ug/L	25000	25000	1		11/01/11 18:39		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	ND	ug/L	250000	5000	1		11/01/11 00:40	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**18100**	ug/L	5000	5000	1		11/07/11 15:48	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: MW-3 **Lab ID: 92105193003** Collected: 10/25/11 10:00 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	10/30/11 10:00	10/31/11 18:50	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:50	7440-38-2	
Barium	**253**	ug/L	100	5.0	1	10/30/11 10:00	10/31/11 18:50	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 18:50	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 18:50	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:50	7440-47-3	
Cobalt	**130**	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:50	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:50	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:50	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	10/30/11 10:00	10/31/11 18:50	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 18:50	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:50	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	10/30/11 10:00	10/31/11 18:50	7440-28-0	
Vanadium	ND	ug/L	25.0	5.0	1	10/30/11 10:00	10/31/11 18:50	7440-62-2	
Zinc	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 18:50	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	11/01/11 14:50	11/02/11 13:25	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**18.6J**	ug/L	25.0	2.2	1		11/05/11 22:03	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		11/05/11 22:03	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		11/05/11 22:03	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		11/05/11 22:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/05/11 22:03	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		11/05/11 22:03	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		11/05/11 22:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		11/05/11 22:03	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		11/05/11 22:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/05/11 22:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		11/05/11 22:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		11/05/11 22:03	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		11/05/11 22:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/05/11 22:03	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		11/05/11 22:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		11/05/11 22:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/05/11 22:03	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		11/05/11 22:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		11/05/11 22:03	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/05/11 22:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		11/05/11 22:03	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		11/05/11 22:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/05/11 22:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		11/05/11 22:03	75-35-4	
cis-1,2-Dichloroethene	**0.31J**	ug/L	1.0	0.19	1		11/05/11 22:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		11/05/11 22:03	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: MW-3 **Lab ID: 92105193003** Collected: 10/25/11 10:00 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/05/11 22:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/05/11 22:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/05/11 22:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/05/11 22:03	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		11/05/11 22:03	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		11/05/11 22:03	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		11/05/11 22:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		11/05/11 22:03	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		11/05/11 22:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		11/05/11 22:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		11/05/11 22:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/05/11 22:03	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		11/05/11 22:03	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		11/05/11 22:03	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/05/11 22:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/05/11 22:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/05/11 22:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/05/11 22:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		11/05/11 22:03	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		11/05/11 22:03	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/05/11 22:03	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		11/05/11 22:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/05/11 22:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		11/05/11 22:03	95-47-6	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/05/11 22:03	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		11/05/11 22:03	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/05/11 22:03	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		11/05/11 22:03	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**294000**	ug/L	5000	5000	1		11/05/11 13:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**408000**	ug/L	25000	25000	1		11/01/11 18:39		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**59300J**	ug/L	500000	10000	2		11/01/11 10:20	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**5050**	ug/L	5000	5000	1		11/07/11 15:49	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: MW-4 **Lab ID: 92105193004** Collected: 10/25/11 10:30 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	10/30/11 10:00	10/31/11 18:54	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:54	7440-38-2	
Barium	**36.1J**	ug/L	100	5.0	1	10/30/11 10:00	10/31/11 18:54	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 18:54	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 18:54	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:54	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:54	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:54	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:54	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	10/30/11 10:00	10/31/11 18:54	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 18:54	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:54	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	10/30/11 10:00	10/31/11 18:54	7440-28-0	
Vanadium	ND	ug/L	25.0	5.0	1	10/30/11 10:00	10/31/11 18:54	7440-62-2	
Zinc	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 18:54	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	11/01/11 14:50	11/02/11 13:28	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**15.8J**	ug/L	25.0	2.2	1		11/05/11 22:27	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		11/05/11 22:27	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		11/05/11 22:27	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		11/05/11 22:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/05/11 22:27	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		11/05/11 22:27	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		11/05/11 22:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		11/05/11 22:27	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		11/05/11 22:27	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/05/11 22:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		11/05/11 22:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		11/05/11 22:27	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		11/05/11 22:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/05/11 22:27	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		11/05/11 22:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		11/05/11 22:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/05/11 22:27	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		11/05/11 22:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		11/05/11 22:27	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/05/11 22:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		11/05/11 22:27	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		11/05/11 22:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/05/11 22:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		11/05/11 22:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		11/05/11 22:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		11/05/11 22:27	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: MW-4 **Lab ID: 92105193004** Collected: 10/25/11 10:30 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/05/11 22:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/05/11 22:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/05/11 22:27	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/05/11 22:27	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		11/05/11 22:27	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		11/05/11 22:27	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		11/05/11 22:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		11/05/11 22:27	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		11/05/11 22:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		11/05/11 22:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		11/05/11 22:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/05/11 22:27	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		11/05/11 22:27	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		11/05/11 22:27	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/05/11 22:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/05/11 22:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/05/11 22:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/05/11 22:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		11/05/11 22:27	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		11/05/11 22:27	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/05/11 22:27	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		11/05/11 22:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/05/11 22:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		11/05/11 22:27	95-47-6	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/05/11 22:27	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		11/05/11 22:27	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		11/05/11 22:27	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		11/05/11 22:27	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**73600**	ug/L	5000	5000	1		11/05/11 13:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**164000**	ug/L	25000	25000	1		11/01/11 18:39		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**6440J**	ug/L	250000	5000	1		11/01/11 01:35	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**7620**	ug/L	5000	5000	1		11/07/11 15:50	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: MW-5 **Lab ID: 92105193005** Collected: 10/25/11 11:00 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	10/30/11 10:00	10/31/11 18:58	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:58	7440-38-2	
Barium	**42.6J**	ug/L	100	5.0	1	10/30/11 10:00	10/31/11 18:58	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 18:58	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 18:58	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:58	7440-47-3	
Cobalt	**21.0**	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:58	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:58	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:58	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	10/30/11 10:00	10/31/11 18:58	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 18:58	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 18:58	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	10/30/11 10:00	10/31/11 18:58	7440-28-0	
Vanadium	ND	ug/L	25.0	5.0	1	10/30/11 10:00	10/31/11 18:58	7440-62-2	
Zinc	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 18:58	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	11/01/11 14:50	11/02/11 13:31	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		11/05/11 22:52	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		11/05/11 22:52	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		11/05/11 22:52	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		11/05/11 22:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/05/11 22:52	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		11/05/11 22:52	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		11/05/11 22:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		11/05/11 22:52	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		11/05/11 22:52	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/05/11 22:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		11/05/11 22:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		11/05/11 22:52	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		11/05/11 22:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/05/11 22:52	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		11/05/11 22:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		11/05/11 22:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/05/11 22:52	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		11/05/11 22:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		11/05/11 22:52	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/05/11 22:52	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		11/05/11 22:52	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		11/05/11 22:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/05/11 22:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		11/05/11 22:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		11/05/11 22:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		11/05/11 22:52	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: MW-5 **Lab ID: 92105193005** Collected: 10/25/11 11:00 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/05/11 22:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/05/11 22:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/05/11 22:52	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/05/11 22:52	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		11/05/11 22:52	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		11/05/11 22:52	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		11/05/11 22:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		11/05/11 22:52	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		11/05/11 22:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		11/05/11 22:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		11/05/11 22:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/05/11 22:52	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		11/05/11 22:52	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		11/05/11 22:52	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/05/11 22:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/05/11 22:52	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/05/11 22:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/05/11 22:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		11/05/11 22:52	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		11/05/11 22:52	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/05/11 22:52	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		11/05/11 22:52	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/05/11 22:52	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		11/05/11 22:52	95-47-6	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/05/11 22:52	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		11/05/11 22:52	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/05/11 22:52	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		11/05/11 22:52	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**123000**	ug/L	5000	5000	1		11/05/11 13:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**252000**	ug/L	25000	25000	1		11/01/11 18:39		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**9890J**	ug/L	250000	5000	1		11/01/11 01:48	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**27900**	ug/L	5000	5000	1		11/07/11 15:51	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: MW-6 **Lab ID: 92105193006** Collected: 10/25/11 11:30 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	10/30/11 10:00	10/31/11 19:01	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:01	7440-38-2	
Barium	**42.2J**	ug/L	100	5.0	1	10/30/11 10:00	10/31/11 19:01	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 19:01	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 19:01	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:01	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:01	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:01	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:01	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	10/30/11 10:00	10/31/11 19:01	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 19:01	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:01	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	10/30/11 10:00	10/31/11 19:01	7440-28-0	
Vanadium	ND	ug/L	25.0	5.0	1	10/30/11 10:00	10/31/11 19:01	7440-62-2	
Zinc	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 19:01	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	11/01/11 14:50	11/02/11 13:33	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**2.5J**	ug/L	25.0	2.2	1		11/05/11 23:16	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		11/05/11 23:16	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		11/05/11 23:16	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		11/05/11 23:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/05/11 23:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		11/05/11 23:16	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		11/05/11 23:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		11/05/11 23:16	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		11/05/11 23:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/05/11 23:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		11/05/11 23:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		11/05/11 23:16	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		11/05/11 23:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/05/11 23:16	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		11/05/11 23:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		11/05/11 23:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/05/11 23:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		11/05/11 23:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		11/05/11 23:16	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/05/11 23:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		11/05/11 23:16	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		11/05/11 23:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/05/11 23:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		11/05/11 23:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		11/05/11 23:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		11/05/11 23:16	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: MW-6 **Lab ID: 92105193006** Collected: 10/25/11 11:30 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/05/11 23:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/05/11 23:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/05/11 23:16	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/05/11 23:16	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		11/05/11 23:16	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		11/05/11 23:16	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		11/05/11 23:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		11/05/11 23:16	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		11/05/11 23:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		11/05/11 23:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		11/05/11 23:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/05/11 23:16	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		11/05/11 23:16	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		11/05/11 23:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/05/11 23:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/05/11 23:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/05/11 23:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/05/11 23:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		11/05/11 23:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		11/05/11 23:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/05/11 23:16	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		11/05/11 23:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/05/11 23:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		11/05/11 23:16	95-47-6	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/05/11 23:16	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		11/05/11 23:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/05/11 23:16	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		11/05/11 23:16	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**23800**	ug/L	5000	5000	1		11/05/11 13:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**232000**	ug/L	25000	25000	1		11/01/11 18:40		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**80800J**	ug/L	1250000	25000	5		11/01/11 10:34	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		11/07/11 15:52	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: SW-1 **Lab ID: 92105193007** Collected: 10/25/11 11:45 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	10/30/11 10:00	10/31/11 19:05	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:05	7440-38-2	
Barium	**41.9J**	ug/L	100	5.0	1	10/30/11 10:00	10/31/11 19:05	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 19:05	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 19:05	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:05	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:05	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:05	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:05	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	10/30/11 10:00	10/31/11 19:05	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 19:05	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:05	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	10/30/11 10:00	10/31/11 19:05	7440-28-0	
Vanadium	ND	ug/L	25.0	5.0	1	10/30/11 10:00	10/31/11 19:05	7440-62-2	
Zinc	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 19:05	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	11/01/11 14:50	11/02/11 13:36	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**4.4J**	ug/L	25.0	2.2	1		11/05/11 23:40	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		11/05/11 23:40	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		11/05/11 23:40	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		11/05/11 23:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/05/11 23:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		11/05/11 23:40	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		11/05/11 23:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		11/05/11 23:40	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		11/05/11 23:40	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/05/11 23:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		11/05/11 23:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		11/05/11 23:40	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		11/05/11 23:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/05/11 23:40	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		11/05/11 23:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		11/05/11 23:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/05/11 23:40	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		11/05/11 23:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		11/05/11 23:40	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/05/11 23:40	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		11/05/11 23:40	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		11/05/11 23:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/05/11 23:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		11/05/11 23:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		11/05/11 23:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		11/05/11 23:40	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: SW-1 **Lab ID: 92105193007** Collected: 10/25/11 11:45 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/05/11 23:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/05/11 23:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/05/11 23:40	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/05/11 23:40	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		11/05/11 23:40	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		11/05/11 23:40	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		11/05/11 23:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		11/05/11 23:40	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		11/05/11 23:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		11/05/11 23:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		11/05/11 23:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/05/11 23:40	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		11/05/11 23:40	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		11/05/11 23:40	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/05/11 23:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/05/11 23:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/05/11 23:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/05/11 23:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		11/05/11 23:40	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		11/05/11 23:40	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/05/11 23:40	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		11/05/11 23:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/05/11 23:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		11/05/11 23:40	95-47-6	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/05/11 23:40	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		11/05/11 23:40	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/05/11 23:40	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		11/05/11 23:40	2037-26-5	

Sample: SW-2 **Lab ID: 92105193008** Collected: 10/25/11 12:00 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	10/30/11 10:00	10/31/11 19:08	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:08	7440-38-2	
Barium	**41.4J**	ug/L	100	5.0	1	10/30/11 10:00	10/31/11 19:08	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 19:08	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	10/30/11 10:00	10/31/11 19:08	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:08	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:08	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:08	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:08	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	10/30/11 10:00	10/31/11 19:08	7440-02-0	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: SW-2 **Lab ID: 92105193008** Collected: 10/25/11 12:00 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Selenium	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 19:08	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	10/30/11 10:00	10/31/11 19:08	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	10/30/11 10:00	10/31/11 19:08	7440-28-0	
Vanadium	ND	ug/L	25.0	5.0	1	10/30/11 10:00	10/31/11 19:08	7440-62-2	
Zinc	ND	ug/L	10.0	10.0	1	10/30/11 10:00	10/31/11 19:08	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	11/01/11 14:50	11/02/11 13:39	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**4.5J**	ug/L	25.0	2.2	1		11/06/11 00:04	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		11/06/11 00:04	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		11/06/11 00:04	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		11/06/11 00:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/06/11 00:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		11/06/11 00:04	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		11/06/11 00:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		11/06/11 00:04	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		11/06/11 00:04	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/06/11 00:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		11/06/11 00:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		11/06/11 00:04	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		11/06/11 00:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/06/11 00:04	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		11/06/11 00:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		11/06/11 00:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/06/11 00:04	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		11/06/11 00:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		11/06/11 00:04	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/06/11 00:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		11/06/11 00:04	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		11/06/11 00:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/06/11 00:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		11/06/11 00:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		11/06/11 00:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		11/06/11 00:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/06/11 00:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/06/11 00:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/06/11 00:04	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/06/11 00:04	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		11/06/11 00:04	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		11/06/11 00:04	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		11/06/11 00:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		11/06/11 00:04	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		11/06/11 00:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		11/06/11 00:04	630-20-6	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: SW-2 **Lab ID: 92105193008** Collected: 10/25/11 12:00 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		11/06/11 00:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/06/11 00:04	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		11/06/11 00:04	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		11/06/11 00:04	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/06/11 00:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/06/11 00:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/06/11 00:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/06/11 00:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		11/06/11 00:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		11/06/11 00:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/06/11 00:04	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		11/06/11 00:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/06/11 00:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		11/06/11 00:04	95-47-6	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/06/11 00:04	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		11/06/11 00:04	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		11/06/11 00:04	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		11/06/11 00:04	2037-26-5	

Sample: FIELD BLANK **Lab ID: 92105193009** Collected: 10/25/11 11:15 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**4.4J**	ug/L	25.0	2.2	1		11/06/11 00:29	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		11/06/11 00:29	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		11/06/11 00:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		11/06/11 00:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/06/11 00:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		11/06/11 00:29	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		11/06/11 00:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		11/06/11 00:29	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		11/06/11 00:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/06/11 00:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		11/06/11 00:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		11/06/11 00:29	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		11/06/11 00:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/06/11 00:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		11/06/11 00:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		11/06/11 00:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/06/11 00:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		11/06/11 00:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		11/06/11 00:29	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/06/11 00:29	106-46-7	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: FIELD BLANK **Lab ID: 92105193009** Collected: 10/25/11 11:15 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		11/06/11 00:29	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		11/06/11 00:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/06/11 00:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		11/06/11 00:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		11/06/11 00:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		11/06/11 00:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/06/11 00:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/06/11 00:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/06/11 00:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/06/11 00:29	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		11/06/11 00:29	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		11/06/11 00:29	74-88-4	
Methylene Chloride	**1.8**	ug/L	1.0	0.97	1		11/06/11 00:29	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		11/06/11 00:29	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		11/06/11 00:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		11/06/11 00:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		11/06/11 00:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/06/11 00:29	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		11/06/11 00:29	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		11/06/11 00:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/06/11 00:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/06/11 00:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/06/11 00:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/06/11 00:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		11/06/11 00:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		11/06/11 00:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/06/11 00:29	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		11/06/11 00:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/06/11 00:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		11/06/11 00:29	95-47-6	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/06/11 00:29	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		11/06/11 00:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		11/06/11 00:29	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		11/06/11 00:29	2037-26-5	

Sample: TRIP BLANK **Lab ID: 92105193010** Collected: 10/25/11 00:00 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**3.3J**	ug/L	25.0	2.2	1		11/06/11 00:53	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		11/06/11 00:53	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		11/06/11 00:53	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		11/06/11 00:53	74-97-5	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: TRIP BLANK **Lab ID: 92105193010** Collected: 10/25/11 00:00 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/06/11 00:53	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		11/06/11 00:53	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		11/06/11 00:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		11/06/11 00:53	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		11/06/11 00:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/06/11 00:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		11/06/11 00:53	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		11/06/11 00:53	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		11/06/11 00:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/06/11 00:53	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		11/06/11 00:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		11/06/11 00:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/06/11 00:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		11/06/11 00:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		11/06/11 00:53	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/06/11 00:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		11/06/11 00:53	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		11/06/11 00:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/06/11 00:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		11/06/11 00:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		11/06/11 00:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		11/06/11 00:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/06/11 00:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/06/11 00:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/06/11 00:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/06/11 00:53	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		11/06/11 00:53	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		11/06/11 00:53	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		11/06/11 00:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		11/06/11 00:53	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		11/06/11 00:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		11/06/11 00:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		11/06/11 00:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/06/11 00:53	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		11/06/11 00:53	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		11/06/11 00:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/06/11 00:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/06/11 00:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/06/11 00:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/06/11 00:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		11/06/11 00:53	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		11/06/11 00:53	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/06/11 00:53	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		11/06/11 00:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/06/11 00:53	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		11/06/11 00:53	95-47-6	

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ANALYTICAL RESULTS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

Sample: TRIP BLANK **Lab ID: 92105193010** Collected: 10/25/11 00:00 Received: 10/27/11 08:51 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
4-Bromofluorobenzene (S)	96	%	70-130		1		11/06/11 00:53	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		11/06/11 00:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/06/11 00:53	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		11/06/11 00:53	2037-26-5	

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QUALITY CONTROL DATA

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

QC Batch: MPRP/9319 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006, 92105193007, 92105193008

METHOD BLANK: 680178 — Matrix: Water
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006, 92105193007, 92105193008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	6.0	10/31/11 18:16	
Arsenic	ug/L	ND	10.0	10/31/11 18:16	
Barium	ug/L	ND	100	10/31/11 18:16	
Beryllium	ug/L	ND	1.0	10/31/11 18:16	
Cadmium	ug/L	ND	1.0	10/31/11 18:16	
Chromium	ug/L	ND	10.0	10/31/11 18:16	
Cobalt	ug/L	ND	10.0	10/31/11 18:16	
Copper	ug/L	ND	10.0	10/31/11 18:16	
Lead	ug/L	ND	10.0	10/31/11 18:16	
Nickel	ug/L	ND	50.0	10/31/11 18:16	
Selenium	ug/L	ND	10.0	10/31/11 18:16	
Silver	ug/L	ND	10.0	10/31/11 18:16	
Thallium	ug/L	ND	5.5	10/31/11 18:16	
Vanadium	ug/L	ND	25.0	10/31/11 18:16	
Zinc	ug/L	ND	10.0	10/31/11 18:16	

LABORATORY CONTROL SAMPLE: 680179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	447	89	80-120	
Arsenic	ug/L	500	453	91	80-120	
Barium	ug/L	500	456	91	80-120	
Beryllium	ug/L	500	462	92	80-120	
Cadmium	ug/L	500	455	91	80-120	
Chromium	ug/L	500	444	89	80-120	
Cobalt	ug/L	500	452	90	80-120	
Copper	ug/L	500	460	92	80-120	
Lead	ug/L	500	453	91	80-120	
Nickel	ug/L	500	451	90	80-120	
Selenium	ug/L	500	449	90	80-120	
Silver	ug/L	250	226	90	80-120	
Thallium	ug/L	500	445	89	80-120	
Vanadium	ug/L	500	448	90	80-120	
Zinc	ug/L	500	452	90	80-120	

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QUALITY CONTROL DATA

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

MATRIX SPIKE SAMPLE: 680180

Parameter	Units	92105193001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	459	92	75-125	
Arsenic	ug/L	ND	500	473	94	75-125	
Barium	ug/L	62.2J	500	516	91	75-125	
Beryllium	ug/L	ND	500	471	94	75-125	
Cadmium	ug/L	ND	500	458	92	75-125	
Chromium	ug/L	ND	500	450	90	75-125	
Cobalt	ug/L	ND	500	455	91	75-125	
Copper	ug/L	ND	500	473	94	75-125	
Lead	ug/L	ND	500	440	88	75-125	
Nickel	ug/L	ND	500	449	90	75-125	
Selenium	ug/L	ND	500	464	93	75-125	
Silver	ug/L	ND	250	230	92	75-125	
Thallium	ug/L	ND	500	444	88	75-125	
Vanadium	ug/L	6.9J	500	464	91	75-125	
Zinc	ug/L	29.1	500	487	92	75-125	

SAMPLE DUPLICATE: 680181

Parameter	Units	92105193002 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	ND	ND		25	
Arsenic	ug/L	33.1	34.8	5	25	
Barium	ug/L	297	303	2	25	
Beryllium	ug/L	ND	ND		25	
Cadmium	ug/L	ND	ND		25	
Chromium	ug/L	ND	ND		25	
Cobalt	ug/L	41.9	42.1	0	25	
Copper	ug/L	ND	ND		25	
Lead	ug/L	ND	ND		25	
Nickel	ug/L	ND	ND		25	
Selenium	ug/L	ND	ND		25	
Silver	ug/L	ND	ND		25	
Thallium	ug/L	ND	ND		25	
Vanadium	ug/L	6.1J	6.3J	3	25	
Zinc	ug/L	ND	ND		25	

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QUALITY CONTROL DATA

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

QC Batch: MERP/3833 — Analysis Method: EPA 7470
QC Batch Method: EPA 7470 — Analysis Description: 7470 Mercury
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006, 92105193007, 92105193008

METHOD BLANK: 680658 — Matrix: Water
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006, 92105193007, 92105193008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/02/11 12:30	

LABORATORY CONTROL SAMPLE: 680659

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.4	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 680660 680661

Parameter	Units	92104842001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.4	2.4	95	97	75-125	2	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 680662 680663

Parameter	Units	92105121004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.4	2.2	94	87	75-125	7	25	

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QUALITY CONTROL DATA

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

QC Batch: MSV/17223 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006, 92105193007, 92105193008, 92105193009, 92105193010

METHOD BLANK: 682982 — Matrix: Water
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006, 92105193007, 92105193008, 92105193009, 92105193010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	11/05/11 20:02	
1,1,1-Trichloroethane	ug/L	ND	1.0	11/05/11 20:02	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/05/11 20:02	
1,1,2-Trichloroethane	ug/L	ND	1.0	11/05/11 20:02	
1,1-Dichloroethane	ug/L	ND	1.0	11/05/11 20:02	
1,1-Dichloroethene	ug/L	ND	1.0	11/05/11 20:02	
1,2,3-Trichloropropane	ug/L	ND	1.0	11/05/11 20:02	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	11/05/11 20:02	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	11/05/11 20:02	
1,2-Dichlorobenzene	ug/L	ND	1.0	11/05/11 20:02	
1,2-Dichloroethane	ug/L	ND	1.0	11/05/11 20:02	
1,2-Dichloropropane	ug/L	ND	1.0	11/05/11 20:02	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/05/11 20:02	
2-Butanone (MEK)	ug/L	ND	5.0	11/05/11 20:02	
2-Hexanone	ug/L	ND	5.0	11/05/11 20:02	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	11/05/11 20:02	
Acetone	ug/L	ND	25.0	11/05/11 20:02	
Acrylonitrile	ug/L	ND	10.0	11/05/11 20:02	
Benzene	ug/L	ND	1.0	11/05/11 20:02	
Bromochloromethane	ug/L	ND	1.0	11/05/11 20:02	
Bromodichloromethane	ug/L	ND	1.0	11/05/11 20:02	
Bromoform	ug/L	ND	1.0	11/05/11 20:02	
Bromomethane	ug/L	ND	2.0	11/05/11 20:02	
Carbon disulfide	ug/L	ND	2.0	11/05/11 20:02	
Carbon tetrachloride	ug/L	ND	1.0	11/05/11 20:02	
Chlorobenzene	ug/L	ND	1.0	11/05/11 20:02	
Chloroethane	ug/L	ND	1.0	11/05/11 20:02	
Chloroform	ug/L	ND	1.0	11/05/11 20:02	
Chloromethane	ug/L	ND	1.0	11/05/11 20:02	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/05/11 20:02	
cis-1,3-Dichloropropene	ug/L	ND	1.0	11/05/11 20:02	
Dibromochloromethane	ug/L	ND	1.0	11/05/11 20:02	
Dibromomethane	ug/L	ND	1.0	11/05/11 20:02	
Ethylbenzene	ug/L	ND	1.0	11/05/11 20:02	
Iodomethane	ug/L	ND	5.0	11/05/11 20:02	
m&p-Xylene	ug/L	ND	2.0	11/05/11 20:02	
Methylene Chloride	ug/L	ND	1.0	11/05/11 20:02	
o-Xylene	ug/L	ND	1.0	11/05/11 20:02	
Styrene	ug/L	ND	1.0	11/05/11 20:02	
Tetrachloroethene	ug/L	ND	1.0	11/05/11 20:02	
Tetrahydrofuran	ug/L	ND	10.0	11/05/11 20:02	

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QUALITY CONTROL DATA

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

METHOD BLANK: 682982 Matrix: Water

Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006, 92105193007, 92105193008, 92105193009, 92105193010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Toluene	ug/L	ND	1.0	11/05/11 20:02	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/05/11 20:02	
trans-1,3-Dichloropropene	ug/L	ND	1.0	11/05/11 20:02	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	11/05/11 20:02	
Trichloroethene	ug/L	ND	1.0	11/05/11 20:02	
Trichlorofluoromethane	ug/L	ND	1.0	11/05/11 20:02	
Vinyl acetate	ug/L	ND	2.0	11/05/11 20:02	
Vinyl chloride	ug/L	ND	1.0	11/05/11 20:02	
Xylene (Total)	ug/L	ND	2.0	11/05/11 20:02	
1,2-Dichloroethane-d4 (S)	%	99	70-130	11/05/11 20:02	
4-Bromofluorobenzene (S)	%	97	70-130	11/05/11 20:02	
Dibromofluoromethane (S)	%	97	70-130	11/05/11 20:02	
Toluene-d8 (S)	%	99	70-130	11/05/11 20:02	

LABORATORY CONTROL SAMPLE: 682983

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.0	104	70-130	
1,1,1-Trichloroethane	ug/L	50	44.2	88	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.5	101	70-130	
1,1,2-Trichloroethane	ug/L	50	47.3	95	70-130	
1,1-Dichloroethane	ug/L	50	42.7	85	70-130	
1,1-Dichloroethene	ug/L	50	43.9	88	70-132	
1,2,3-Trichloropropane	ug/L	50	51.2	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.8	106	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.0	98	70-130	
1,2-Dichlorobenzene	ug/L	50	48.9	98	70-130	
1,2-Dichloroethane	ug/L	50	46.3	93	70-130	
1,2-Dichloropropane	ug/L	50	42.5	85	70-130	
1,4-Dichlorobenzene	ug/L	50	48.1	96	70-130	
2-Butanone (MEK)	ug/L	100	84.3	84	70-145	
2-Hexanone	ug/L	100	96.6	97	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.2	94	70-140	
Acetone	ug/L	100	73.0	73	50-175	
Acrylonitrile	ug/L	250	235	94	70-143	
Benzene	ug/L	50	42.3	85	70-130	
Bromochloromethane	ug/L	50	42.5	85	70-130	
Bromodichloromethane	ug/L	50	47.4	95	70-130	
Bromoform	ug/L	50	53.1	106	70-130	
Bromomethane	ug/L	50	22.5	45	54-130	L0
Carbon disulfide	ug/L	50	32.2	64	70-131	L0
Carbon tetrachloride	ug/L	50	47.1	94	70-132	
Chlorobenzene	ug/L	50	50.0	100	70-130	
Chloroethane	ug/L	50	44.3	89	64-134	

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(336)623-8921

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

LABORATORY CONTROL SAMPLE: 682983

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	ug/L	50	45.1	90	70-130	
Chloromethane	ug/L	50	35.9	72	64-130	
cis-1,2-Dichloroethene	ug/L	50	40.9	82	70-131	
cis-1,3-Dichloropropene	ug/L	50	43.6	87	70-130	
Dibromochloromethane	ug/L	50	49.8	100	70-130	
Dibromomethane	ug/L	50	45.4	91	70-131	
Ethylbenzene	ug/L	50	45.7	91	70-130	
Iodomethane	ug/L	100	63.5	63	49-180	
m&p-Xylene	ug/L	100	92.3	92	70-130	
Methylene Chloride	ug/L	50	41.5	83	63-130	
o-Xylene	ug/L	50	46.3	93	70-130	
Styrene	ug/L	50	46.9	94	70-130	
Tetrachloroethene	ug/L	50	47.7	95	70-130	
Tetrahydrofuran	ug/L	500	443	89	70-130	
Toluene	ug/L	50	42.9	86	70-130	
trans-1,2-Dichloroethene	ug/L	50	40.8	82	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.2	86	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	42.1	84	70-141	F3
Trichloroethene	ug/L	50	47.3	95	70-130	
Trichlorofluoromethane	ug/L	50	44.4	89	62-133	
Vinyl acetate	ug/L	100	78.8	79	66-157	
Vinyl chloride	ug/L	50	38.6	77	69-130	
Xylene (Total)	ug/L	150	139	92	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			96	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 682984 682985

Parameter	Units	92105193003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	49.2	51.1	98	102	70-166	4	30	
Benzene	ug/L	ND	50	50	51.2	52.2	102	104	70-148	2	30	
Chlorobenzene	ug/L	ND	50	50	53.5	53.9	107	108	70-146	1	30	
Toluene	ug/L	ND	50	50	50.9	52.2	102	104	70-155	3	30	
Trichloroethene	ug/L	ND	50	50	52.8	54.8	106	110	69-151	4	30	
1,2-Dichloroethane-d4 (S)	%						99	99	70-130			
4-Bromofluorobenzene (S)	%						95	96	70-130			
Dibromofluoromethane (S)	%						99	100	70-130			
Toluene-d8 (S)	%						97	98	70-130			

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QUALITY CONTROL DATA

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

QC Batch: WET/18529 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006

METHOD BLANK: 683289 Matrix: Water
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	ug/L	ND	5000	11/05/11 13:15	

LABORATORY CONTROL SAMPLE: 683290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	50000	49800	100	90-110	

SAMPLE DUPLICATE: 683291

Parameter	Units	92105148008 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	50.9 mg/L	48700	4	20	

SAMPLE DUPLICATE: 683292

Parameter	Units	92105180003 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	82.2 mg/L	83300	1	20	

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QUALITY CONTROL DATA

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

QC Batch: WET/18445 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006

METHOD BLANK: 681194 Matrix: Water
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	ug/L	ND	25000	11/01/11 18:38	

LABORATORY CONTROL SAMPLE: 681195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	ug/L	250000	240000	96	80-120	

SAMPLE DUPLICATE: 681196

Parameter	Units	92105193001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	ug/L	239000	218000	9	10	

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QUALITY CONTROL DATA

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

QC Batch: WETA/10868 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006

METHOD BLANK: 680289 Matrix: Water
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	ug/L	ND	250000	10/31/11 20:09	

LABORATORY CONTROL SAMPLE: 680290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	20000	19300J	96	90-110	

MATRIX SPIKE SAMPLE: 680291

Parameter	Units	92105266001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	6.6 mg/L	20000	26000J	97	90-110	

MATRIX SPIKE SAMPLE: 680293

Parameter	Units	92105114001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	11800	20000	31900J	101	90-110	

SAMPLE DUPLICATE: 680292

Parameter	Units	92105266001 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	ug/L	6.6 mg/L	6640J	0	20	

SAMPLE DUPLICATE: 680294

Parameter	Units	92105114001 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	ug/L	11800	11800J	1	20	

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QUALITY CONTROL DATA

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

QC Batch: WETA/10907 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006

METHOD BLANK: 683467 Matrix: Water
Associated Lab Samples: 92105193001, 92105193002, 92105193003, 92105193004, 92105193005, 92105193006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	ug/L	ND	5000	11/07/11 15:38	

LABORATORY CONTROL SAMPLE: 683468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	20000	20500	103	90-110	

MATRIX SPIKE SAMPLE: 683469

Parameter	Units	92105379001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	6.1 mg/L	20000	27100	105	75-125	

SAMPLE DUPLICATE: 683470

Parameter	Units	92105379002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	ug/L	ND	ND		20	

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QUALIFIERS

Project: NMLF- EXP II EP-1401
Pace Project No.: 92105193

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

C9	Common Laboratory Contaminant.
F3	The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1502774

Section A Required Client Information:

Company: Enviro-Pro, P.C.
Address: 2646 Farmlake Ln. Ft. Mill, SC 29708
Email To: enviropro@comporium.net
Phone: 803-547-4955 Fax:
Requested Due Date/TAT: 2 wks

Section B Required Project Information:

Report To: T. Bolyard
Copy To: —
Purchase Order No.: —
Project Name: NMLF-Exp. II
Project Number: EP-H01

Section C Invoice Information:

Attention: T. Bolyard
Company Name: Same
Address:
Pace Quote Reference: —
Pace Project Manager: K. Godwin
Pace Profile #: —

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ OTHER Solid Waste

Site Location STATE: NC

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): App I VOCs + THF (N), App I Metals + Hg (N), Alkalinity (N), Chloride (N), Sulfate (N), TDS (N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	App I VOCs + THF	App I Metals + Hg	Alkalinity	Chloride	Sulfate	TDS	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1	WT	G			10/25/11	9:00		7	3		1	3					✓	✓	✓	✓	✓	✓		001
2	MW-2	WT	G			"	9:30		7	3		1	3					✓	✓	✓	✓	✓	✓		002
3	MW-3	WT	G			"	10:00		7	3		1	3					✓	✓	✓	✓	✓	✓		003
4	MW-4	WT	G			"	10:30		7	3		1	3					✓	✓	✓	✓	✓	✓		004
5	MW-5	WT	G			"	11:00		7	3		1	3					✓	✓	✓	✓	✓	✓		005
6	MW-6	WT	G			"	11:30		7	3		1	3					✓	✓	✓	✓	✓	✓		006
7	SW-1	WT	G			"	11:45		4			1	3					✓	✓						007
8	SW-2	WT	G			"	12:00		4			1	3					✓	✓						008
9	Field Blank	WT	G			"	11:15		2				2					✓							009
10	Trip Blank	WT							2				2					✓							010
11																									
12																									

92105193

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Use low-level NC Solid Waste SWSL detection limits; Also send EDD version	T. Bolyard / Enviro-Pro	10/27/11	7:46	[signature]	10/27/11	7:46				
	[signature]	10/27/11	8:51	[signature]	10/27/11	0851	2.7	Y	N	Y

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: T. Bolyard
SIGNATURE of SAMPLER: T. Bolyard
DATE Signed (MM/DD/YY): 10/26/11

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: July 29, 2011 Page 1 of 2
	Document Number: **F-CHR-CS-03-rev.05**	Issuing Authority: Pace Huntersville Quality Office

Client Name: Enviro-Pro Project # 92105193

Where Received: ☒ Huntersville ☐ Asheville ☐ Eden

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other_____

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other_____

Thermometer Used: IR Gun T1102 **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor Add / Subtract 0 °C

Corrected Cooler Temp.: 2.7 C **Biological Tissue is Frozen:** Yes No (N/A)

Temp should be above freezing to 6°C

Date and Initials of person examining contents: JEA 10/27/11

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WS		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: [signature] Date: 10/27/11 **SRF Review:** [signature] Date: 10/27/11

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

APPENDIX B

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

PROJECT NO.: EP-1401
PROJ. MGR.: THB
CHECKED BY:
PREPARED BY: THB

CLIENT: N. Meck Landfill, LLC
LOCATION: 15300 Holbrook Rd., Huntersville, NC
PROJECT NAME/DESCRIPTION: NMLF- Exp. II
DATE OF WATER LEVEL MEASUREMENTS: 10-25-11

DEVELOP:
PURGING: ✓
SAMPLING: ✓

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	10-25-11	9:00	60		56.04		3.96	.6	1.9				
	MW-2	"	9:30	17		14.76		2.29	.3	1.1				
	MW-3	"	10:00	16		10.84		5.16	.8	2.5				
	MW-4	"	10:30	17.5		11.61		5.89	0.9	2.5				
	MW-5	"	11:00	18		10.94		7.06	1.1	3.5				
	MW-6	"	11:30	25		12.62		12.38	2	6				
	SW-1	"	11:45	—		—	—	—	—	—				
	SW-2	"	12:00	—		—	—	—	—	—				
	Field Blank	"	11:15	—		—	—	—	—	—				

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).