P 0477
RCO 2184

ENVIRO-PRO
PROFESSIONAL CORPORATION

November 17, 2006

Mr. Mike Griffin
Griffin Brothers Companies
19109 West Catawba Avenue, Suite 200
Cornelius, North Carolina 28031-5613

Received
DEC 2006
Waste Management

RE: Semi-Annual Groundwater Sampling Report (10)
North Mecklenburg Landfill – Expansion Area I
Huntersville, North Carolina
Project No. EP-1292

Dear Mr. Griffin:

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 2006 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

2646 Farmlake Lane • Fort Mill, SC 29708 • (803) 547-4955 • Fax (803) 548-2233

SEMI-ANNUAL MONITORING REPORT (10)

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

Prepared for:
Mr. Mike Griffin
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 Number EP-1292

November 17, 2006

NORTH CAROLINA LICENSED 492 GEOLOGIST THOMAS H. BOLYARD

Field Sampling Activities

On September 27, 2006, Enviro-Pro (EP) personnel collected groundwater samples from on-site perimeter monitor wells MW-12, MW-13, MW-14, MW-15, and MW-16 and surface water samples SW-1 (upgradient) and SW-2 (downgradient). The procedures for groundwater measurement and sampling were as follows:

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

2) At least three well volumes were removed from each monitor well to purge stagnant water and to ensure that fresh formation water would be sampled. Purging was conducted using dedicated disposable bailers. Each well was then sampled utilizing laboratory prepared containers, labeled, and packed on ice in a portable cooler for shipment to 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 trip blank and a field (bailer rinse) blank analyzed for volatile organic compounds (VOCs) by Method 8260B. Only clean, laboratory supplied sample containers were utilized.

The field information obtained during well purging is summarized on the Well Development, Purge, and Sample Record and the Development/Purge Readings field sheets included as Appendix B. Groundwater levels increased in four of the five monitor wells since the previous sampling event on March 28, 2006. The groundwater level decreased slightly in well MW-12 during this same period.

Laboratory Test Results

In accordance with regulatory requirements, the five monitor well samples and the two surface water samples were analyzed for the eight RCRA metals and volatile organic compounds (VOCs) via EPA Method 8260B by Pace Analytical Services, Inc. Pace's Report of Laboratory Analysis is attached as Appendix A, with a summary of groundwater and surface water analytical results for this and previous sampling events included in Table 1.

Laboratory test results indicated that no VOC compounds were detected above their respective laboratory reporting limits in any of the monitor wells, surface water, or QA/QC samples tested. The barium levels detected in the monitor wells and stream samples are representative of those naturally occurring in the bedrock, soil, and groundwater in this area. Chromium was also detected in MW-16 below its respective regulatory limit. This low level is also indicative of this naturally occurring metal within subsurface materials in this area.

The next sampling event for the North Mecklenburg C&D Landfill-Expansion Area I is scheduled for March 2007.

TABLE 1
SUMMARY OF GROUNDWATER AND SURFACE WATER RESULTS
North Mecklenburg C&D Landfill - Expansion Area
Holbrooks Road
Huntersville, North Carolina

	Barium	Chromium	Barium	Barium	Barium	Selenium	Barium	Barium	Barium	Barium	Chromium	Lead	Selenium	Barium	Chromium	Barium	Chromium
MW-12	0.046	0.0064	NT	BDL	0.031	BDL	BDL	BDL	0.013	0.021	BDL	BDL	BDL	0.012	BDL	0.011	BDL
MW-13	0.098	0.007	0.061	0.055	0.072	BDL	0.053	0.049	0.070	0.054	BDL	BDL	BDL	0.093	BDL	0.051	BDL
MW-14	0.046	BDL	0.054	0.083	0.16	0.0059	0.099	0.095	0.11	0.11	BDL	BDL	BDL	0.069	BDL	0.096	BDL
MW-15	0.074	BDL	0.04	0.059	0.062	BDL	0.029	0.082	0.039	0.1	0.0047	BDL	BDL	0.051	0.0030	0.031	BDL
MW-16	0.071	BDL	0.041	0.039	0.094	0.0058	0.033	0.078	0.040	0.10	0.016	0.0054	0.0051	0.041	0.0091	0.047	0.011
SW-1	0.027	BDL	0.047	0.03	0.058	BDL	0.033	0.071	0.024	0.066	BDL	BDL	BDL	0.026	BDL	0.077	BDL
SW-2	0.038	BDL	0.06	0.045	BDL	BDL	BDL	0.066	0.040	0.045	BDL	BDL	BDL	0.041	BDL	0.075	BDL

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

APPENDIX A

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

October 06, 2006

Mr. Tommy Bolyard
Enviro Pro, P.C.
2646 Farm Lake Lane
Fort Mill, SC 29708

RE: Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Dear Mr. Bolyard:

Enclosed are the analytical results for sample(s) received by the laboratory on September 28, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals Analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Charlotte laboratory unless otherwise footnoted.

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

Sincerely,

Richard Swartz
richard.swartz@pacelabs.com
(704) 875-9092 ext. 237
Project Manager

Enclosures

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492272 | Project Sample Number: 92128856-001 | Date Collected: 09/27/06 14:00
Client Sample ID: MW-12 | Matrix: Water | Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Metals								
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010							
Arsenic	ND	ug/l	5.0	10/05/06 20:27	EWS	7440-38-2		
Barium	11.	ug/l	5.0	10/05/06 20:27	EWS	7440-39-3		
Cadmium	ND	ug/l	1.0	10/05/06 20:27	EWS	7440-43-9		
Chromium	ND	ug/l	5.0	10/05/06 20:27	EWS	7440-47-3		
Lead	ND	ug/l	5.0	10/05/06 20:27	EWS	7439-92-1		
Selenium	ND	ug/l	10.	10/05/06 20:27	EWS	7782-49-2		
Silver	ND	ug/l	5.0	10/05/06 20:27	EWS	7440-22-4		
Date Digested	10/01/06 16:00			10/01/06 16:00				
Mercury, CVAAS, in Water	Method: EPA 7470							
Mercury	ND	ug/l	0.20	10/02/06 12:09	ALV	7439-97-6		
GC/MS Volatiles								
GC/MS VOCs by 8260	Method: EPA 8260							
Acetone	ND	ug/l	25.	09/30/06 10:13	MCK	67-64-1		
Acrylonitrile	ND	ug/l	25.	09/30/06 10:13	MCK	107-13-1		
Benzene	ND	ug/l	5.0	09/30/06 10:13	MCK	71-43-2		
Bromochloromethane	ND	ug/l	5.0	09/30/06 10:13	MCK	74-97-5		
Bromodichloromethane	ND	ug/l	5.0	09/30/06 10:13	MCK	75-27-4		
Bromoform	ND	ug/l	5.0	09/30/06 10:13	MCK	75-25-2		
Bromomethane	ND	ug/l	5.0	09/30/06 10:13	MCK	74-83-9		
2-Butanone (MEK)	ND	ug/l	10.	09/30/06 10:13	MCK	78-93-3		
Carbon disulfide	ND	ug/l	10.	09/30/06 10:13	MCK	75-15-0		
Carbon tetrachloride	ND	ug/l	5.0	09/30/06 10:13	MCK	56-23-5		
Chlorobenzene	ND	ug/l	5.0	09/30/06 10:13	MCK	108-90-7		
Chloroethane	ND	ug/l	10.	09/30/06 10:13	MCK	75-00-3		
Chloroform	ND	ug/l	5.0	09/30/06 10:13	MCK	67-66-3		
Chloromethane	ND	ug/l	5.0	09/30/06 10:13	MCK	74-87-3		
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0	09/30/06 10:13	MCK	96-12-8		
Dibromochloromethane	ND	ug/l	5.0	09/30/06 10:13	MCK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	5.0	09/30/06 10:13	MCK	106-93-4		
Dibromomethane	ND	ug/l	5.0	09/30/06 10:13	MCK	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	5.0	09/30/06 10:13	MCK	95-50-1		
1,4-Dichlorobenzene	ND	ug/l	5.0	09/30/06 10:13	MCK	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0	09/30/06 10:13	MCK	110-57-6		
1,1-Dichloroethane	ND	ug/l	5.0	09/30/06 10:13	MCK	75-34-3		
1,2-Dichloroethane	ND	ug/l	5.0	09/30/06 10:13	MCK	107-06-2		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492272
Client Sample ID: MW-12

Project Sample Number: 92128856-001
Matrix: Water

Date Collected: 09/27/06 14:00
Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
1,1-Dichloroethene	ND	ug/l	5.0	09/30/06 10:13	MCK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 10:13	MCK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 10:13	MCK	156-60-5		
1,2-Dichloropropane	ND	ug/l	5.0	09/30/06 10:13	MCK	78-87-5		
cis-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 10:13	MCK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 10:13	MCK	10061-02-6		
Ethylbenzene	ND	ug/l	5.0	09/30/06 10:13	MCK	100-41-4		
2-Hexanone	ND	ug/l	10.	09/30/06 10:13	MCK	591-78-6		
Iodomethane	ND	ug/l	10.	09/30/06 10:13	MCK	74-88-4		
Methylene chloride	ND	ug/l	5.0	09/30/06 10:13	MCK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	10.	09/30/06 10:13	MCK	108-10-1		
Styrene	ND	ug/l	5.0	09/30/06 10:13	MCK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 10:13	MCK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 10:13	MCK	79-34-5		
Tetrachloroethene	ND	ug/l	5.0	09/30/06 10:13	MCK	127-18-4		
Toluene	ND	ug/l	5.0	09/30/06 10:13	MCK	108-88-3		
1,1,1-Trichloroethane	ND	ug/l	5.0	09/30/06 10:13	MCK	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	5.0	09/30/06 10:13	MCK	79-00-5		
Trichloroethene	ND	ug/l	5.0	09/30/06 10:13	MCK	79-01-6		
Trichlorofluoromethane	ND	ug/l	10.	09/30/06 10:13	MCK	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	5.0	09/30/06 10:13	MCK	96-18-4		
Vinyl acetate	ND	ug/l	10.	09/30/06 10:13	MCK	108-05-4		
Vinyl chloride	ND	ug/l	5.0	09/30/06 10:13	MCK	75-01-4		
m&p-Xylene	ND	ug/l	10.	09/30/06 10:13	MCK			
o-Xylene	ND	ug/l	5.0	09/30/06 10:13	MCK	95-47-6		
Toluene-d8 (S)	95	%		09/30/06 10:13	MCK	2037-26-5		
4-Bromofluorobenzene (S)	97	%		09/30/06 10:13	MCK	460-00-4		
Dibromofluoromethane (S)	93	%		09/30/06 10:13	MCK	1868-53-7		
1,2-Dichloroethane-d4 (S)	85	%		09/30/06 10:13	MCK	17060-07-0		

Date: 10/06/06

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492280
Client Sample ID: MW-13

Project Sample Number: 92128856-002
Matrix: Water

Date Collected: 09/27/06 16:00
Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Metals								
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010							
Arsenic	ND	ug/l	5.0	10/05/06 20:31	EWS	7440-38-2		
Barium	51.	ug/l	5.0	10/05/06 20:31	EWS	7440-39-3		
Cadmium	ND	ug/l	1.0	10/05/06 20:31	EWS	7440-43-9		
Chromium	ND	ug/l	5.0	10/05/06 20:31	EWS	7440-47-3		
Lead	ND	ug/l	5.0	10/05/06 20:31	EWS	7439-92-1		
Selenium	ND	ug/l	10.	10/05/06 20:31	EWS	7782-49-2		
Silver	ND	ug/l	5.0	10/05/06 20:31	EWS	7440-22-4		
Date Digested	10/01/06 16:00			10/01/06 16:00				
Mercury, CVAAS, in Water	Method: EPA 7470							
Mercury	ND	ug/l	0.20	10/02/06 12:11	ALV	7439-97-6		
GC/MS Volatiles								
GC/MS VOCs by 8260	Method: EPA 8260							
Acetone	ND	ug/l	25.	09/30/06 10:29	MCK	67-64-1		
Acrylonitrile	ND	ug/l	25.	09/30/06 10:29	MCK	107-13-1		
Benzene	ND	ug/l	5.0	09/30/06 10:29	MCK	71-43-2		
Bromochloromethane	ND	ug/l	5.0	09/30/06 10:29	MCK	74-97-5		
Bromodichloromethane	ND	ug/l	5.0	09/30/06 10:29	MCK	75-27-4		
Bromoform	ND	ug/l	5.0	09/30/06 10:29	MCK	75-25-2		
Bromomethane	ND	ug/l	5.0	09/30/06 10:29	MCK	74-83-9		
2-Butanone (MEK)	ND	ug/l	10.	09/30/06 10:29	MCK	78-93-3		
Carbon disulfide	ND	ug/l	10.	09/30/06 10:29	MCK	75-15-0		
Carbon tetrachloride	ND	ug/l	5.0	09/30/06 10:29	MCK	56-23-5		
Chlorobenzene	ND	ug/l	5.0	09/30/06 10:29	MCK	108-90-7		
Chloroethane	ND	ug/l	10.	09/30/06 10:29	MCK	75-00-3		
Chloroform	ND	ug/l	5.0	09/30/06 10:29	MCK	67-66-3		
Chloromethane	ND	ug/l	5.0	09/30/06 10:29	MCK	74-87-3		
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0	09/30/06 10:29	MCK	96-12-8		
Dibromochloromethane	ND	ug/l	5.0	09/30/06 10:29	MCK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	5.0	09/30/06 10:29	MCK	106-93-4		
Dibromomethane	ND	ug/l	5.0	09/30/06 10:29	MCK	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	5.0	09/30/06 10:29	MCK	95-50-1		
1,4-Dichlorobenzene	ND	ug/l	5.0	09/30/06 10:29	MCK	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0	09/30/06 10:29	MCK	110-57-6		
1,1-Dichloroethane	ND	ug/l	5.0	09/30/06 10:29	MCK	75-34-3		
1,2-Dichloroethane	ND	ug/l	5.0	09/30/06 10:29	MCK	107-06-2		

Date: 10/06/06

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492280 | Project Sample Number: 92128856-002 | Date Collected: 09/27/06 16:00
Client Sample ID: MW-13 | Matrix: Water | Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
1,1-Dichloroethene	ND	ug/l	5.0	09/30/06 10:29	MCK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 10:29	MCK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 10:29	MCK	156-60-5		
1,2-Dichloropropane	ND	ug/l	5.0	09/30/06 10:29	MCK	78-87-5		
cis-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 10:29	MCK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 10:29	MCK	10061-02-6		
Ethylbenzene	ND	ug/l	5.0	09/30/06 10:29	MCK	100-41-4		
2-Hexanone	ND	ug/l	10.	09/30/06 10:29	MCK	591-78-6		
Iodomethane	ND	ug/l	10.	09/30/06 10:29	MCK	74-88-4		
Methylene chloride	ND	ug/l	5.0	09/30/06 10:29	MCK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	10.	09/30/06 10:29	MCK	108-10-1		
Styrene	ND	ug/l	5.0	09/30/06 10:29	MCK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 10:29	MCK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 10:29	MCK	79-34-5		
Tetrachloroethene	ND	ug/l	5.0	09/30/06 10:29	MCK	127-18-4		
Toluene	ND	ug/l	5.0	09/30/06 10:29	MCK	108-88-3		
1,1,1-Trichloroethane	ND	ug/l	5.0	09/30/06 10:29	MCK	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	5.0	09/30/06 10:29	MCK	79-00-5		
Trichloroethene	ND	ug/l	5.0	09/30/06 10:29	MCK	79-01-6		
Trichlorofluoromethane	ND	ug/l	10.	09/30/06 10:29	MCK	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	5.0	09/30/06 10:29	MCK	96-18-4		
Vinyl acetate	ND	ug/l	10.	09/30/06 10:29	MCK	108-05-4		
Vinyl chloride	ND	ug/l	5.0	09/30/06 10:29	MCK	75-01-4		
m&p-Xylene	ND	ug/l	10.	09/30/06 10:29	MCK			
o-Xylene	ND	ug/l	5.0	09/30/06 10:29	MCK	95-47-6		
Toluene-d8 (S)	91	%		09/30/06 10:29	MCK	2037-26-5		
4-Bromofluorobenzene (S)	97	%		09/30/06 10:29	MCK	460-00-4		
Dibromofluoromethane (S)	92	%		09/30/06 10:29	MCK	1868-53-7		
1,2-Dichloroethane-d4 (S)	84	%		09/30/06 10:29	MCK	17060-07-0		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492298 | Project Sample Number: 92128856-003 | Date Collected: 09/27/06 15:30
Client Sample ID: MW-14 | Matrix: Water | Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Metals								
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010							
Arsenic	ND	ug/l	5.0	10/05/06 20:34	EWS	7440-38-2		
Barium	96.	ug/l	5.0	10/05/06 20:34	EWS	7440-39-3		
Cadmium	ND	ug/l	1.0	10/05/06 20:34	EWS	7440-43-9		
Chromium	ND	ug/l	5.0	10/05/06 20:34	EWS	7440-47-3		
Lead	ND	ug/l	5.0	10/05/06 20:34	EWS	7439-92-1		
Selenium	ND	ug/l	10.	10/05/06 20:34	EWS	7782-49-2		
Silver	ND	ug/l	5.0	10/05/06 20:34	EWS	7440-22-4		
Date Digested	10/01/06 16:00			10/01/06 16:00				
Mercury, CVAAS, in Water	Method: EPA 7470							
Mercury	ND	ug/l	0.20	10/02/06 12:14	ALV	7439-97-6		
GC/MS Volatiles								
GC/MS VOCs by 8260	Method: EPA 8260							
Acetone	ND	ug/l	25.	09/30/06 10:45	MCK	67-64-1		
Acrylonitrile	ND	ug/l	25.	09/30/06 10:45	MCK	107-13-1		
Benzene	ND	ug/l	5.0	09/30/06 10:45	MCK	71-43-2		
Bromochloromethane	ND	ug/l	5.0	09/30/06 10:45	MCK	74-97-5		
Bromodichloromethane	ND	ug/l	5.0	09/30/06 10:45	MCK	75-27-4		
Bromoform	ND	ug/l	5.0	09/30/06 10:45	MCK	75-25-2		
Bromomethane	ND	ug/l	5.0	09/30/06 10:45	MCK	74-83-9		
2-Butanone (MEK)	ND	ug/l	10.	09/30/06 10:45	MCK	78-93-3		
Carbon disulfide	ND	ug/l	10.	09/30/06 10:45	MCK	75-15-0		
Carbon tetrachloride	ND	ug/l	5.0	09/30/06 10:45	MCK	56-23-5		
Chlorobenzene	ND	ug/l	5.0	09/30/06 10:45	MCK	108-90-7		
Chloroethane	ND	ug/l	10.	09/30/06 10:45	MCK	75-00-3		
Chloroform	ND	ug/l	5.0	09/30/06 10:45	MCK	67-66-3		
Chloromethane	ND	ug/l	5.0	09/30/06 10:45	MCK	74-87-3		
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0	09/30/06 10:45	MCK	96-12-8		
Dibromochloromethane	ND	ug/l	5.0	09/30/06 10:45	MCK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	5.0	09/30/06 10:45	MCK	106-93-4		
Dibromomethane	ND	ug/l	5.0	09/30/06 10:45	MCK	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	5.0	09/30/06 10:45	MCK	95-50-1		
1,4-Dichlorobenzene	ND	ug/l	5.0	09/30/06 10:45	MCK	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0	09/30/06 10:45	MCK	110-57-6		
1,1-Dichloroethane	ND	ug/l	5.0	09/30/06 10:45	MCK	75-34-3		
1,2-Dichloroethane	ND	ug/l	5.0	09/30/06 10:45	MCK	107-06-2		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492298 | Project Sample Number: 92128856-003 | Date Collected: 09/27/06 15:30
Client Sample ID: MW-14 | Matrix: Water | Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
1,1-Dichloroethene	ND	ug/l	5.0	09/30/06 10:45	MCK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 10:45	MCK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 10:45	MCK	156-60-5		
1,2-Dichloropropane	ND	ug/l	5.0	09/30/06 10:45	MCK	78-87-5		
cis-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 10:45	MCK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 10:45	MCK	10061-02-6		
Ethylbenzene	ND	ug/l	5.0	09/30/06 10:45	MCK	100-41-4		
2-Hexanone	ND	ug/l	10.	09/30/06 10:45	MCK	591-78-6		
Iodomethane	ND	ug/l	10.	09/30/06 10:45	MCK	74-88-4		
Methylene chloride	ND	ug/l	5.0	09/30/06 10:45	MCK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	10.	09/30/06 10:45	MCK	108-10-1		
Styrene	ND	ug/l	5.0	09/30/06 10:45	MCK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 10:45	MCK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 10:45	MCK	79-34-5		
Tetrachloroethene	ND	ug/l	5.0	09/30/06 10:45	MCK	127-18-4		
Toluene	ND	ug/l	5.0	09/30/06 10:45	MCK	108-88-3		
1,1,1-Trichloroethane	ND	ug/l	5.0	09/30/06 10:45	MCK	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	5.0	09/30/06 10:45	MCK	79-00-5		
Trichloroethene	ND	ug/l	5.0	09/30/06 10:45	MCK	79-01-6		
Trichlorofluoromethane	ND	ug/l	10.	09/30/06 10:45	MCK	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	5.0	09/30/06 10:45	MCK	96-18-4		
Vinyl acetate	ND	ug/l	10.	09/30/06 10:45	MCK	108-05-4		
Vinyl chloride	ND	ug/l	5.0	09/30/06 10:45	MCK	75-01-4		
m&p-Xylene	ND	ug/l	10.	09/30/06 10:45	MCK			
o-Xylene	ND	ug/l	5.0	09/30/06 10:45	MCK	95-47-6		
Toluene-d8 (S)	96	%		09/30/06 10:45	MCK	2037-26-5		
4-Bromofluorobenzene (S)	97	%		09/30/06 10:45	MCK	460-00-4		
Dibromofluoromethane (S)	92	%		09/30/06 10:45	MCK	1868-53-7		
1,2-Dichloroethane-d4 (S)	82	%		09/30/06 10:45	MCK	17060-07-0		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492306 | Project Sample Number: 92128856-004 | Date Collected: 09/27/06 15:00
Client Sample ID: MW-15 | Matrix: Water | Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Metals								
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010							
Arsenic	ND	ug/l	5.0	10/05/06 20:38	EWS	7440-38-2		
Barium	31.	ug/l	5.0	10/05/06 20:38	EWS	7440-39-3		
Cadmium	ND	ug/l	1.0	10/05/06 20:38	EWS	7440-43-9		
Chromium	ND	ug/l	5.0	10/05/06 20:38	EWS	7440-47-3		
Lead	ND	ug/l	5.0	10/05/06 20:38	EWS	7439-92-1		
Selenium	ND	ug/l	10.	10/05/06 20:38	EWS	7782-49-2		
Silver	ND	ug/l	5.0	10/05/06 20:38	EWS	7440-22-4		
Date Digested	10/01/06 16:00			10/01/06 16:00				
Mercury, CVAAS, in Water	Method: EPA 7470							
Mercury	ND	ug/l	0.20	10/02/06 12:17	ALV	7439-97-6		
GC/MS Volatiles								
GC/MS VOCs by 8260	Method: EPA 8260							
Acetone	ND	ug/l	25.	09/30/06 11:00	MCK	67-64-1		
Acrylonitrile	ND	ug/l	25.	09/30/06 11:00	MCK	107-13-1		
Benzene	ND	ug/l	5.0	09/30/06 11:00	MCK	71-43-2		
Bromochloromethane	ND	ug/l	5.0	09/30/06 11:00	MCK	74-97-5		
Bromodichloromethane	ND	ug/l	5.0	09/30/06 11:00	MCK	75-27-4		
Bromoform	ND	ug/l	5.0	09/30/06 11:00	MCK	75-25-2		
Bromomethane	ND	ug/l	5.0	09/30/06 11:00	MCK	74-83-9		
2-Butanone (MEK)	ND	ug/l	10.	09/30/06 11:00	MCK	78-93-3		
Carbon disulfide	ND	ug/l	10.	09/30/06 11:00	MCK	75-15-0		
Carbon tetrachloride	ND	ug/l	5.0	09/30/06 11:00	MCK	56-23-5		
Chlorobenzene	ND	ug/l	5.0	09/30/06 11:00	MCK	108-90-7		
Chloroethane	ND	ug/l	10.	09/30/06 11:00	MCK	75-00-3		
Chloroform	ND	ug/l	5.0	09/30/06 11:00	MCK	67-66-3		
Chloromethane	ND	ug/l	5.0	09/30/06 11:00	MCK	74-87-3		
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0	09/30/06 11:00	MCK	96-12-8		
Dibromochloromethane	ND	ug/l	5.0	09/30/06 11:00	MCK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	5.0	09/30/06 11:00	MCK	106-93-4		
Dibromomethane	ND	ug/l	5.0	09/30/06 11:00	MCK	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	5.0	09/30/06 11:00	MCK	95-50-1		
1,4-Dichlorobenzene	ND	ug/l	5.0	09/30/06 11:00	MCK	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0	09/30/06 11:00	MCK	110-57-6		
1,1-Dichloroethane	ND	ug/l	5.0	09/30/06 11:00	MCK	75-34-3		
1,2-Dichloroethane	ND	ug/l	5.0	09/30/06 11:00	MCK	107-06-2		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492306 | Project Sample Number: 92128856-004 | Date Collected: 09/27/06 15:00
Client Sample ID: MW-15 | Matrix: Water | Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
1,1-Dichloroethene	ND	ug/l	5.0	09/30/06 11:00	MCK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 11:00	MCK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 11:00	MCK	156-60-5		
1,2-Dichloropropane	ND	ug/l	5.0	09/30/06 11:00	MCK	78-87-5		
cis-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 11:00	MCK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 11:00	MCK	10061-02-6		
Ethylbenzene	ND	ug/l	5.0	09/30/06 11:00	MCK	100-41-4		
2-Hexanone	ND	ug/l	10.	09/30/06 11:00	MCK	591-78-6		
Iodomethane	ND	ug/l	10.	09/30/06 11:00	MCK	74-88-4		
Methylene chloride	ND	ug/l	5.0	09/30/06 11:00	MCK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	10.	09/30/06 11:00	MCK	108-10-1		
Styrene	ND	ug/l	5.0	09/30/06 11:00	MCK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 11:00	MCK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 11:00	MCK	79-34-5		
Tetrachloroethene	ND	ug/l	5.0	09/30/06 11:00	MCK	127-18-4		
Toluene	ND	ug/l	5.0	09/30/06 11:00	MCK	108-88-3		
1,1,1-Trichloroethane	ND	ug/l	5.0	09/30/06 11:00	MCK	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	5.0	09/30/06 11:00	MCK	79-00-5		
Trichloroethene	ND	ug/l	5.0	09/30/06 11:00	MCK	79-01-6		
Trichlorofluoromethane	ND	ug/l	10.	09/30/06 11:00	MCK	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	5.0	09/30/06 11:00	MCK	96-18-4		
Vinyl acetate	ND	ug/l	10.	09/30/06 11:00	MCK	108-05-4		
Vinyl chloride	ND	ug/l	5.0	09/30/06 11:00	MCK	75-01-4		
m&p-Xylene	ND	ug/l	10.	09/30/06 11:00	MCK			
o-Xylene	ND	ug/l	5.0	09/30/06 11:00	MCK	95-47-6		
Toluene-d8 (S)	96	%		09/30/06 11:00	MCK	2037-26-5		
4-Bromofluorobenzene (S)	101	%		09/30/06 11:00	MCK	460-00-4		
Dibromofluoromethane (S)	93	%		09/30/06 11:00	MCK	1868-53-7		
1,2-Dichloroethane-d4 (S)	82	%		09/30/06 11:00	MCK	17060-07-0		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492322
Client Sample ID: MW-16

Project Sample Number: 92128856-005
Matrix: Water

Date Collected: 09/27/06 14:30
Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Metals								
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010							
Arsenic	ND	ug/l	5.0	10/06/06 09:40	EWS	7440-38-2		
Barium	47.	ug/l	5.0	10/06/06 09:40	EWS	7440-39-3		
Cadmium	ND	ug/l	1.0	10/06/06 09:40	EWS	7440-43-9		
Chromium	11.	ug/l	5.0	10/06/06 09:40	EWS	7440-47-3		
Lead	ND	ug/l	5.0	10/06/06 09:40	EWS	7439-92-1		
Selenium	ND	ug/l	10.	10/06/06 09:40	EWS	7782-49-2		
Silver	ND	ug/l	5.0	10/06/06 09:40	EWS	7440-22-4		
Date Digested	10/01/06 16:00			10/01/06 16:00				
Mercury, CVAAS, in Water	Method: EPA 7470							
Mercury	ND	ug/l	0.20	10/02/06 12:20	ALV	7439-97-6		
GC/MS Volatiles								
GC/MS VOCs by 8260	Method: EPA 8260							
Acetone	ND	ug/l	25.	09/30/06 11:16	MCK	67-64-1		
Acrylonitrile	ND	ug/l	25.	09/30/06 11:16	MCK	107-13-1		
Benzene	ND	ug/l	5.0	09/30/06 11:16	MCK	71-43-2		
Bromochloromethane	ND	ug/l	5.0	09/30/06 11:16	MCK	74-97-5		
Bromodichloromethane	ND	ug/l	5.0	09/30/06 11:16	MCK	75-27-4		
Bromoform	ND	ug/l	5.0	09/30/06 11:16	MCK	75-25-2		
Bromomethane	ND	ug/l	5.0	09/30/06 11:16	MCK	74-83-9		
2-Butanone (MEK)	ND	ug/l	10.	09/30/06 11:16	MCK	78-93-3		
Carbon disulfide	ND	ug/l	10.	09/30/06 11:16	MCK	75-15-0		
Carbon tetrachloride	ND	ug/l	5.0	09/30/06 11:16	MCK	56-23-5		
Chlorobenzene	ND	ug/l	5.0	09/30/06 11:16	MCK	108-90-7		
Chloroethane	ND	ug/l	10.	09/30/06 11:16	MCK	75-00-3		
Chloroform	ND	ug/l	5.0	09/30/06 11:16	MCK	67-66-3		
Chloromethane	ND	ug/l	5.0	09/30/06 11:16	MCK	74-87-3		
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0	09/30/06 11:16	MCK	96-12-8		
Dibromochloromethane	ND	ug/l	5.0	09/30/06 11:16	MCK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	5.0	09/30/06 11:16	MCK	106-93-4		
Dibromomethane	ND	ug/l	5.0	09/30/06 11:16	MCK	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	5.0	09/30/06 11:16	MCK	95-50-1		
1,4-Dichlorobenzene	ND	ug/l	5.0	09/30/06 11:16	MCK	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0	09/30/06 11:16	MCK	110-57-6		
1,1-Dichloroethane	ND	ug/l	5.0	09/30/06 11:16	MCK	75-34-3		
1,2-Dichloroethane	ND	ug/l	5.0	09/30/06 11:16	MCK	107-06-2		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492322 | Project Sample Number: 92128856-005 | Date Collected: 09/27/06 14:30
Client Sample ID: MW-16 | Matrix: Water | Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
1,1-Dichloroethene	ND	ug/l	5.0	09/30/06 11:16	MCK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 11:16	MCK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 11:16	MCK	156-60-5		
1,2-Dichloropropane	ND	ug/l	5.0	09/30/06 11:16	MCK	78-87-5		
cis-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 11:16	MCK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 11:16	MCK	10061-02-6		
Ethylbenzene	ND	ug/l	5.0	09/30/06 11:16	MCK	100-41-4		
2-Hexanone	ND	ug/l	10.	09/30/06 11:16	MCK	591-78-6		
Iodomethane	ND	ug/l	10.	09/30/06 11:16	MCK	74-88-4		
Methylene chloride	ND	ug/l	5.0	09/30/06 11:16	MCK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	10.	09/30/06 11:16	MCK	108-10-1		
Styrene	ND	ug/l	5.0	09/30/06 11:16	MCK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 11:16	MCK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 11:16	MCK	79-34-5		
Tetrachloroethene	ND	ug/l	5.0	09/30/06 11:16	MCK	127-18-4		
Toluene	ND	ug/l	5.0	09/30/06 11:16	MCK	108-88-3		
1,1,1-Trichloroethane	ND	ug/l	5.0	09/30/06 11:16	MCK	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	5.0	09/30/06 11:16	MCK	79-00-5		
Trichloroethene	ND	ug/l	5.0	09/30/06 11:16	MCK	79-01-6		
Trichlorofluoromethane	ND	ug/l	10.	09/30/06 11:16	MCK	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	5.0	09/30/06 11:16	MCK	96-18-4		
Vinyl acetate	ND	ug/l	10.	09/30/06 11:16	MCK	108-05-4		
Vinyl chloride	ND	ug/l	5.0	09/30/06 11:16	MCK	75-01-4		
m&p-Xylene	ND	ug/l	10.	09/30/06 11:16	MCK			
o-Xylene	ND	ug/l	5.0	09/30/06 11:16	MCK	95-47-6		
Toluene-d8 (S)	95	%		09/30/06 11:16	MCK	2037-26-5		
4-Bromofluorobenzene (S)	99	%		09/30/06 11:16	MCK	460-00-4		
Dibromofluoromethane (S)	90	%		09/30/06 11:16	MCK	1868-53-7		
1,2-Dichloroethane-d4 (S)	80	%		09/30/06 11:16	MCK	17060-07-0		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492355 | Project Sample Number: 92128856-006 | Date Collected: 09/27/06 14:15
Client Sample ID: SW-1 | Matrix: Water | Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Metals								
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010							
Arsenic	ND	ug/l	5.0	10/06/06 09:44	EWS	7440-38-2		
Barium	77.	ug/l	5.0	10/06/06 09:44	EWS	7440-39-3		
Cadmium	ND	ug/l	1.0	10/06/06 09:44	EWS	7440-43-9		
Chromium	ND	ug/l	5.0	10/06/06 09:44	EWS	7440-47-3		
Lead	ND	ug/l	5.0	10/06/06 09:44	EWS	7439-92-1		
Selenium	ND	ug/l	10.	10/06/06 09:44	EWS	7782-49-2		
Silver	ND	ug/l	5.0	10/06/06 09:44	EWS	7440-22-4		
Date Digested	10/01/06 16:00			10/01/06 16:00				
Mercury, CVAAS, in Water	Method: EPA 7470							
Mercury	ND	ug/l	0.20	10/02/06 12:22	ALV	7439-97-6		
GC/MS Volatiles								
GC/MS VOCs by 8260	Method: EPA 8260							
Acetone	ND	ug/l	25.	09/30/06 11:32	MCK	67-64-1		
Acrylonitrile	ND	ug/l	25.	09/30/06 11:32	MCK	107-13-1		
Benzene	ND	ug/l	5.0	09/30/06 11:32	MCK	71-43-2		
Bromochloromethane	ND	ug/l	5.0	09/30/06 11:32	MCK	74-97-5		
Bromodichloromethane	ND	ug/l	5.0	09/30/06 11:32	MCK	75-27-4		
Bromoform	ND	ug/l	5.0	09/30/06 11:32	MCK	75-25-2		
Bromomethane	ND	ug/l	5.0	09/30/06 11:32	MCK	74-83-9		
2-Butanone (MEK)	ND	ug/l	10.	09/30/06 11:32	MCK	78-93-3		
Carbon disulfide	ND	ug/l	10.	09/30/06 11:32	MCK	75-15-0		
Carbon tetrachloride	ND	ug/l	5.0	09/30/06 11:32	MCK	56-23-5		
Chlorobenzene	ND	ug/l	5.0	09/30/06 11:32	MCK	108-90-7		
Chloroethane	ND	ug/l	10.	09/30/06 11:32	MCK	75-00-3		
Chloroform	ND	ug/l	5.0	09/30/06 11:32	MCK	67-66-3		
Chloromethane	ND	ug/l	5.0	09/30/06 11:32	MCK	74-87-3		
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0	09/30/06 11:32	MCK	96-12-8		
Dibromochloromethane	ND	ug/l	5.0	09/30/06 11:32	MCK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	5.0	09/30/06 11:32	MCK	106-93-4		
Dibromomethane	ND	ug/l	5.0	09/30/06 11:32	MCK	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	5.0	09/30/06 11:32	MCK	95-50-1		
1,4-Dichlorobenzene	ND	ug/l	5.0	09/30/06 11:32	MCK	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0	09/30/06 11:32	MCK	110-57-6		
1,1-Dichloroethane	ND	ug/l	5.0	09/30/06 11:32	MCK	75-34-3		
1,2-Dichloroethane	ND	ug/l	5.0	09/30/06 11:32	MCK	107-06-2		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492355 | Project Sample Number: 92128856-006 | Date Collected: 09/27/06 14:15
Client Sample ID: SW-1 | Matrix: Water | Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
1,1-Dichloroethene	ND	ug/l	5.0	09/30/06 11:32	MCK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 11:32	MCK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 11:32	MCK	156-60-5		
1,2-Dichloropropane	ND	ug/l	5.0	09/30/06 11:32	MCK	78-87-5		
cis-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 11:32	MCK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 11:32	MCK	10061-02-6		
Ethylbenzene	ND	ug/l	5.0	09/30/06 11:32	MCK	100-41-4		
2-Hexanone	ND	ug/l	10.	09/30/06 11:32	MCK	591-78-6		
Iodomethane	ND	ug/l	10.	09/30/06 11:32	MCK	74-88-4		
Methylene chloride	ND	ug/l	5.0	09/30/06 11:32	MCK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	10.	09/30/06 11:32	MCK	108-10-1		
Styrene	ND	ug/l	5.0	09/30/06 11:32	MCK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 11:32	MCK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 11:32	MCK	79-34-5		
Tetrachloroethene	ND	ug/l	5.0	09/30/06 11:32	MCK	127-18-4		
Toluene	ND	ug/l	5.0	09/30/06 11:32	MCK	108-88-3		
1,1,1-Trichloroethane	ND	ug/l	5.0	09/30/06 11:32	MCK	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	5.0	09/30/06 11:32	MCK	79-00-5		
Trichloroethene	ND	ug/l	5.0	09/30/06 11:32	MCK	79-01-6		
Trichlorofluoromethane	ND	ug/l	10.	09/30/06 11:32	MCK	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	5.0	09/30/06 11:32	MCK	96-18-4		
Vinyl acetate	ND	ug/l	10.	09/30/06 11:32	MCK	108-05-4		
Vinyl chloride	ND	ug/l	5.0	09/30/06 11:32	MCK	75-01-4		
m&p-Xylene	ND	ug/l	10.	09/30/06 11:32	MCK			
o-Xylene	ND	ug/l	5.0	09/30/06 11:32	MCK	95-47-6		
Toluene-d8 (S)	96	%		09/30/06 11:32	MCK	2037-26-5		
4-Bromofluorobenzene (S)	98	%		09/30/06 11:32	MCK	460-00-4		
Dibromofluoromethane (S)	94	%		09/30/06 11:32	MCK	1868-53-7		
1,2-Dichloroethane-d4 (S)	85	%		09/30/06 11:32	MCK	17060-07-0		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492371 | Project Sample Number: 92128856-007 | Date Collected: 09/27/06 08:15
Client Sample ID: SW-2 | Matrix: Water | Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Metals								
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010							
Arsenic	ND	ug/l	5.0	10/06/06 09:47	EWS	7440-38-2		
Barium	75.	ug/l	5.0	10/06/06 09:47	EWS	7440-39-3		
Cadmium	ND	ug/l	1.0	10/06/06 09:47	EWS	7440-43-9		
Chromium	ND	ug/l	5.0	10/06/06 09:47	EWS	7440-47-3		
Lead	ND	ug/l	5.0	10/06/06 09:47	EWS	7439-92-1		
Selenium	ND	ug/l	10.	10/06/06 09:47	EWS	7782-49-2		
Silver	ND	ug/l	5.0	10/06/06 09:47	EWS	7440-22-4		
Date Digested	10/01/06 16:00			10/01/06 16:00				
Mercury, CVAAS, in Water	Method: EPA 7470							
Mercury	ND	ug/l	0.20	10/02/06 12:25	ALV	7439-97-6		
GC/MS Volatiles								
GC/MS VOCs by 8260	Method: EPA 8260							
Acetone	ND	ug/l	25.	09/30/06 11:48	MCK	67-64-1		
Acrylonitrile	ND	ug/l	25.	09/30/06 11:48	MCK	107-13-1		
Benzene	ND	ug/l	5.0	09/30/06 11:48	MCK	71-43-2		
Bromochloromethane	ND	ug/l	5.0	09/30/06 11:48	MCK	74-97-5		
Bromodichloromethane	ND	ug/l	5.0	09/30/06 11:48	MCK	75-27-4		
Bromoform	ND	ug/l	5.0	09/30/06 11:48	MCK	75-25-2		
Bromomethane	ND	ug/l	5.0	09/30/06 11:48	MCK	74-83-9		
2-Butanone (MEK)	ND	ug/l	10.	09/30/06 11:48	MCK	78-93-3		
Carbon disulfide	ND	ug/l	10.	09/30/06 11:48	MCK	75-15-0		
Carbon tetrachloride	ND	ug/l	5.0	09/30/06 11:48	MCK	56-23-5		
Chlorobenzene	ND	ug/l	5.0	09/30/06 11:48	MCK	108-90-7		
Chloroethane	ND	ug/l	10.	09/30/06 11:48	MCK	75-00-3		
Chloroform	ND	ug/l	5.0	09/30/06 11:48	MCK	67-66-3		
Chloromethane	ND	ug/l	5.0	09/30/06 11:48	MCK	74-87-3		
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0	09/30/06 11:48	MCK	96-12-8		
Dibromochloromethane	ND	ug/l	5.0	09/30/06 11:48	MCK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	5.0	09/30/06 11:48	MCK	106-93-4		
Dibromomethane	ND	ug/l	5.0	09/30/06 11:48	MCK	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	5.0	09/30/06 11:48	MCK	95-50-1		
1,4-Dichlorobenzene	ND	ug/l	5.0	09/30/06 11:48	MCK	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0	09/30/06 11:48	MCK	110-57-6		
1,1-Dichloroethane	ND	ug/l	5.0	09/30/06 11:48	MCK	75-34-3		
1,2-Dichloroethane	ND	ug/l	5.0	09/30/06 11:48	MCK	107-06-2		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492371
Client Sample ID: SW-2

Project Sample Number: 92128856-007
Matrix: Water

Date Collected: 09/27/06 08:15
Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
1,1-Dichloroethene	ND	ug/l	5.0	09/30/06 11:48	MCK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 11:48	MCK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 11:48	MCK	156-60-5		
1,2-Dichloropropane	ND	ug/l	5.0	09/30/06 11:48	MCK	78-87-5		
cis-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 11:48	MCK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 11:48	MCK	10061-02-6		
Ethylbenzene	ND	ug/l	5.0	09/30/06 11:48	MCK	100-41-4		
2-Hexanone	ND	ug/l	10.	09/30/06 11:48	MCK	591-78-6		
Iodomethane	ND	ug/l	10.	09/30/06 11:48	MCK	74-88-4		
Methylene chloride	ND	ug/l	5.0	09/30/06 11:48	MCK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	10.	09/30/06 11:48	MCK	108-10-1		
Styrene	ND	ug/l	5.0	09/30/06 11:48	MCK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 11:48	MCK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 11:48	MCK	79-34-5		
Tetrachloroethene	ND	ug/l	5.0	09/30/06 11:48	MCK	127-18-4		
Toluene	ND	ug/l	5.0	09/30/06 11:48	MCK	108-88-3		
1,1,1-Trichloroethane	ND	ug/l	5.0	09/30/06 11:48	MCK	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	5.0	09/30/06 11:48	MCK	79-00-5		
Trichloroethene	ND	ug/l	5.0	09/30/06 11:48	MCK	79-01-6		
Trichlorofluoromethane	ND	ug/l	10.	09/30/06 11:48	MCK	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	5.0	09/30/06 11:48	MCK	96-18-4		
Vinyl acetate	ND	ug/l	10.	09/30/06 11:48	MCK	108-05-4		
Vinyl chloride	ND	ug/l	5.0	09/30/06 11:48	MCK	75-01-4		
m&p-Xylene	ND	ug/l	10.	09/30/06 11:48	MCK			
o-Xylene	ND	ug/l	5.0	09/30/06 11:48	MCK	95-47-6		
Toluene-d8 (S)	93	%		09/30/06 11:48	MCK	2037-26-5		
4-Bromofluorobenzene (S)	97	%		09/30/06 11:48	MCK	460-00-4		
Dibromofluoromethane (S)	94	%		09/30/06 11:48	MCK	1868-53-7		
1,2-Dichloroethane-d4 (S)	82	%		09/30/06 11:48	MCK	17060-07-0		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492397
Client Sample ID: FIELD BLANK

Project Sample Number: 92128856-008
Matrix: Water

Date Collected: 09/27/06 15:15
Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC/MS Volatiles								
GC/MS VOCs by 8260	Method: EPA 8260							
Acetone	ND	ug/l	25.	09/30/06 06:00	MCK	67-64-1		
Acrylonitrile	ND	ug/l	25.	09/30/06 06:00	MCK	107-13-1		
Benzene	ND	ug/l	5.0	09/30/06 06:00	MCK	71-43-2		
Bromochloromethane	ND	ug/l	5.0	09/30/06 06:00	MCK	74-97-5		
Bromodichloromethane	ND	ug/l	5.0	09/30/06 06:00	MCK	75-27-4		
Bromoform	ND	ug/l	5.0	09/30/06 06:00	MCK	75-25-2		
Bromomethane	ND	ug/l	5.0	09/30/06 06:00	MCK	74-83-9		
2-Butanone (MEK)	ND	ug/l	10.	09/30/06 06:00	MCK	78-93-3		
Carbon disulfide	ND	ug/l	10.	09/30/06 06:00	MCK	75-15-0		
Carbon tetrachloride	ND	ug/l	5.0	09/30/06 06:00	MCK	56-23-5		
Chlorobenzene	ND	ug/l	5.0	09/30/06 06:00	MCK	108-90-7		
Chloroethane	ND	ug/l	10.	09/30/06 06:00	MCK	75-00-3		
Chloroform	ND	ug/l	5.0	09/30/06 06:00	MCK	67-66-3		
Chloromethane	ND	ug/l	5.0	09/30/06 06:00	MCK	74-87-3		
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0	09/30/06 06:00	MCK	96-12-8		
Dibromochloromethane	ND	ug/l	5.0	09/30/06 06:00	MCK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	5.0	09/30/06 06:00	MCK	106-93-4		
Dibromomethane	ND	ug/l	5.0	09/30/06 06:00	MCK	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	5.0	09/30/06 06:00	MCK	95-50-1		
1,4-Dichlorobenzene	ND	ug/l	5.0	09/30/06 06:00	MCK	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0	09/30/06 06:00	MCK	110-57-6		
1,1-Dichloroethane	ND	ug/l	5.0	09/30/06 06:00	MCK	75-34-3		
1,2-Dichloroethane	ND	ug/l	5.0	09/30/06 06:00	MCK	107-06-2		
1,1-Dichloroethene	ND	ug/l	5.0	09/30/06 06:00	MCK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 06:00	MCK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 06:00	MCK	156-60-5		
1,2-Dichloropropane	ND	ug/l	5.0	09/30/06 06:00	MCK	78-87-5		
cis-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 06:00	MCK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 06:00	MCK	10061-02-6		
Ethylbenzene	ND	ug/l	5.0	09/30/06 06:00	MCK	100-41-4		
2-Hexanone	ND	ug/l	10.	09/30/06 06:00	MCK	591-78-6		
Iodomethane	ND	ug/l	10.	09/30/06 06:00	MCK	74-88-4		
Methylene chloride	ND	ug/l	5.0	09/30/06 06:00	MCK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	10.	09/30/06 06:00	MCK	108-10-1		
Styrene	ND	ug/l	5.0	09/30/06 06:00	MCK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 06:00	MCK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 06:00	MCK	79-34-5		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492397 | Project Sample Number: 92128856-008 | Date Collected: 09/27/06 15:15
Client Sample ID: FIELD BLANK | Matrix: Water | Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Tetrachloroethene	ND	ug/l	5.0	09/30/06 06:00	MCK	127-18-4		
Toluene	ND	ug/l	5.0	09/30/06 06:00	MCK	108-88-3		
1,1,1-Trichloroethane	ND	ug/l	5.0	09/30/06 06:00	MCK	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	5.0	09/30/06 06:00	MCK	79-00-5		
Trichloroethene	ND	ug/l	5.0	09/30/06 06:00	MCK	79-01-6		
Trichlorofluoromethane	ND	ug/l	10.	09/30/06 06:00	MCK	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	5.0	09/30/06 06:00	MCK	96-18-4		
Vinyl acetate	ND	ug/l	10.	09/30/06 06:00	MCK	108-05-4		
Vinyl chloride	ND	ug/l	5.0	09/30/06 06:00	MCK	75-01-4		
m&p-Xylene	ND	ug/l	10.	09/30/06 06:00	MCK			
o-Xylene	ND	ug/l	5.0	09/30/06 06:00	MCK	95-47-6		
Toluene-d8 (S)	94	%		09/30/06 06:00	MCK	2037-26-5		
4-Bromofluorobenzene (S)	102	%		09/30/06 06:00	MCK	460-00-4		
Dibromofluoromethane (S)	90	%		09/30/06 06:00	MCK	1868-53-7		
1,2-Dichloroethane-d4 (S)	81	%		09/30/06 06:00	MCK	17060-07-0		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492413 | Project Sample Number: 92128856-009 | Date Collected: 09/27/06 00:00
Client Sample ID: TRIP BLANK | Matrix: Water | Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC/MS Volatiles								
GC/MS VOCs by 8260	Method: EPA 8260							
Acetone	ND	ug/l	25.	09/30/06 04:56	MCK	67-64-1		
Acrylonitrile	ND	ug/l	25.	09/30/06 04:56	MCK	107-13-1		
Benzene	ND	ug/l	5.0	09/30/06 04:56	MCK	71-43-2		
Bromochloromethane	ND	ug/l	5.0	09/30/06 04:56	MCK	74-97-5		
Bromodichloromethane	ND	ug/l	5.0	09/30/06 04:56	MCK	75-27-4		
Bromoform	ND	ug/l	5.0	09/30/06 04:56	MCK	75-25-2		
Bromomethane	ND	ug/l	5.0	09/30/06 04:56	MCK	74-83-9		
2-Butanone (MEK)	ND	ug/l	10.	09/30/06 04:56	MCK	78-93-3		
Carbon disulfide	ND	ug/l	10.	09/30/06 04:56	MCK	75-15-0		
Carbon tetrachloride	ND	ug/l	5.0	09/30/06 04:56	MCK	56-23-5		
Chlorobenzene	ND	ug/l	5.0	09/30/06 04:56	MCK	108-90-7		
Chloroethane	ND	ug/l	10.	09/30/06 04:56	MCK	75-00-3		
Chloroform	ND	ug/l	5.0	09/30/06 04:56	MCK	67-66-3		
Chloromethane	ND	ug/l	5.0	09/30/06 04:56	MCK	74-87-3		
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0	09/30/06 04:56	MCK	96-12-8		
Dibromochloromethane	ND	ug/l	5.0	09/30/06 04:56	MCK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	5.0	09/30/06 04:56	MCK	106-93-4		
Dibromomethane	ND	ug/l	5.0	09/30/06 04:56	MCK	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	5.0	09/30/06 04:56	MCK	95-50-1		
1,4-Dichlorobenzene	ND	ug/l	5.0	09/30/06 04:56	MCK	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0	09/30/06 04:56	MCK	110-57-6		
1,1-Dichloroethane	ND	ug/l	5.0	09/30/06 04:56	MCK	75-34-3		
1,2-Dichloroethane	ND	ug/l	5.0	09/30/06 04:56	MCK	107-06-2		
1,1-Dichloroethene	ND	ug/l	5.0	09/30/06 04:56	MCK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 04:56	MCK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	5.0	09/30/06 04:56	MCK	156-60-5		
1,2-Dichloropropane	ND	ug/l	5.0	09/30/06 04:56	MCK	78-87-5		
cis-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 04:56	MCK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	5.0	09/30/06 04:56	MCK	10061-02-6		
Ethylbenzene	ND	ug/l	5.0	09/30/06 04:56	MCK	100-41-4		
2-Hexanone	ND	ug/l	10.	09/30/06 04:56	MCK	591-78-6		
Iodomethane	ND	ug/l	10.	09/30/06 04:56	MCK	74-88-4		
Methylene chloride	ND	ug/l	5.0	09/30/06 04:56	MCK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	10.	09/30/06 04:56	MCK	108-10-1		
Styrene	ND	ug/l	5.0	09/30/06 04:56	MCK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 04:56	MCK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	5.0	09/30/06 04:56	MCK	79-34-5		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

Lab Sample No: 927492413 Project Sample Number: 92128856-009 Date Collected: 09/27/06 00:00
Client Sample ID: TRIP BLANK Matrix: Water Date Received: 09/28/06 13:10

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Tetrachloroethene	ND	ug/l	5.0	09/30/06 04:56	MCK	127-18-4		
Toluene	ND	ug/l	5.0	09/30/06 04:56	MCK	108-88-3		
1,1,1-Trichloroethane	ND	ug/l	5.0	09/30/06 04:56	MCK	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	5.0	09/30/06 04:56	MCK	79-00-5		
Trichloroethene	ND	ug/l	5.0	09/30/06 04:56	MCK	79-01-6		
Trichlorofluoromethane	ND	ug/l	10.	09/30/06 04:56	MCK	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	5.0	09/30/06 04:56	MCK	96-18-4		
Vinyl acetate	ND	ug/l	10.	09/30/06 04:56	MCK	108-05-4		
Vinyl chloride	ND	ug/l	5.0	09/30/06 04:56	MCK	75-01-4		
m&p-Xylene	ND	ug/l	10.	09/30/06 04:56	MCK			
o-Xylene	ND	ug/l	5.0	09/30/06 04:56	MCK	95-47-6		
Toluene-d8 (S)	95	%		09/30/06 04:56	MCK	2037-26-5		
4-Bromofluorobenzene (S)	99	%		09/30/06 04:56	MCK	460-00-4		
Dibromofluoromethane (S)	89	%		09/30/06 04:56	MCK	1868-53-7		
1,2-Dichloroethane-d4 (S)	81	%		09/30/06 04:56	MCK	17060-07-0		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

PARAMETER FOOTNOTES

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit
(S)	Surrogate

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

QC Batch: 168917 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: GC/MS VOCs by 8260
Associated Lab Samples: 927492272 927492280 927492298 927492306 927492322 927492355 927492371 927492397 927492413

METHOD BLANK: 927494922
Associated Lab Samples: 927492272 927492280 927492298 927492306 927492322 927492355 927492371 927492397 927492413

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Acetone	ug/l	ND	25.	
Acrylonitrile	ug/l	ND	25.	
Benzene	ug/l	ND	5.0	
Bromochloromethane	ug/l	ND	5.0	
Bromodichloromethane	ug/l	ND	5.0	
Bromoform	ug/l	ND	5.0	
Bromomethane	ug/l	ND	5.0	
2-Butanone (MEK)	ug/l	ND	10.	
Carbon disulfide	ug/l	ND	10.	
Carbon tetrachloride	ug/l	ND	5.0	
Chlorobenzene	ug/l	ND	5.0	
Chloroethane	ug/l	ND	10.	
Chloroform	ug/l	ND	5.0	
Chloromethane	ug/l	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/l	ND	5.0	
Dibromochloromethane	ug/l	ND	5.0	
1,2-Dibromoethane (EDB)	ug/l	ND	5.0	
Dibromomethane	ug/l	ND	5.0	
1,2-Dichlorobenzene	ug/l	ND	5.0	
1,4-Dichlorobenzene	ug/l	ND	5.0	
trans-1,4-Dichloro-2-butene	ug/l	ND	5.0	
1,1-Dichloroethane	ug/l	ND	5.0	
1,2-Dichloroethane	ug/l	ND	5.0	
1,1-Dichloroethene	ug/l	ND	5.0	
cis-1,2-Dichloroethene	ug/l	ND	5.0	
trans-1,2-Dichloroethene	ug/l	ND	5.0	
1,2-Dichloropropane	ug/l	ND	5.0	
cis-1,3-Dichloropropene	ug/l	ND	5.0	
trans-1,3-Dichloropropene	ug/l	ND	5.0	

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

METHOD BLANK: 927494922
Associated Lab Samples: 927492272 927492280 927492298 927492306 927492322 927492355 927492371 927492397 927492413

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Ethylbenzene	ug/l	ND	5.0	
2-Hexanone	ug/l	ND	10.	
Iodomethane	ug/l	ND	10.	
Methylene chloride	ug/l	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/l	ND	10.	
Styrene	ug/l	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/l	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/l	ND	5.0	
Tetrachloroethene	ug/l	ND	5.0	
Toluene	ug/l	ND	5.0	
1,1,1-Trichloroethane	ug/l	ND	5.0	
1,1,2-Trichloroethane	ug/l	ND	5.0	
Trichloroethene	ug/l	ND	5.0	
Trichlorofluoromethane	ug/l	ND	10.	
1,2,3-Trichloropropane	ug/l	ND	5.0	
Vinyl acetate	ug/l	ND	10.	
Vinyl chloride	ug/l	ND	5.0	
m&p-Xylene	ug/l	ND	10.	
o-Xylene	ug/l	ND	5.0	
Toluene-d8 (S)	%	97		
4-Bromofluorobenzene (S)	%	99		
Dibromofluoromethane (S)	%	90		
1,2-Dichloroethane-d4 (S)	%	83		

LABORATORY CONTROL SAMPLE: 927494930

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acetone	ug/l	100.00	91.21	91	
Acrylonitrile	ug/l	250.00	272.8	109	
Benzene	ug/l	50.00	55.05	110	
Bromochloromethane	ug/l	50.00	50.99	102	
Bromodichloromethane	ug/l	50.00	50.45	101	
Bromoform	ug/l	50.00	53.41	107	

Date: 10/06/06

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

LABORATORY CONTROL SAMPLE: 927494930

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Bromomethane	ug/l	50.00	61.03	122	
2-Butanone (MEK)	ug/l	100.00	91.53	92	
Carbon disulfide	ug/l	50.00	63.90	128	
Carbon tetrachloride	ug/l	50.00	52.45	105	
Chlorobenzene	ug/l	50.00	56.47	113	
Chloroethane	ug/l	50.00	56.94	114	
Chloroform	ug/l	50.00	50.58	101	
Chloromethane	ug/l	50.00	53.49	107	
1,2-Dibromo-3-chloropropane	ug/l	50.00	46.97	94	
Dibromochloromethane	ug/l	50.00	50.98	102	
1,2-Dibromoethane (EDB)	ug/l	50.00	54.07	108	
Dibromomethane	ug/l	50.00	55.21	110	
1,2-Dichlorobenzene	ug/l	50.00	57.47	115	
1,4-Dichlorobenzene	ug/l	50.00	57.33	115	
trans-1,4-Dichloro-2-butene	ug/l	50.00	34.97	70	
1,1-Dichloroethane	ug/l	50.00	52.31	105	
1,2-Dichloroethane	ug/l	50.00	46.29	93	
1,1-Dichloroethene	ug/l	50.00	57.97	116	
cis-1,2-Dichloroethene	ug/l	50.00	53.02	106	
trans-1,2-Dichloroethene	ug/l	50.00	53.71	107	
1,2-Dichloropropane	ug/l	50.00	53.96	108	
cis-1,3-Dichloropropene	ug/l	50.00	49.97	100	
trans-1,3-Dichloropropene	ug/l	50.00	48.02	96	
Ethylbenzene	ug/l	50.00	53.99	108	
2-Hexanone	ug/l	100.00	92.97	93	
Iodomethane	ug/l	100.00	124.2	124	
Methylene chloride	ug/l	50.00	46.74	94	
4-Methyl-2-pentanone (MIBK)	ug/l	100.00	91.29	91	
Styrene	ug/l	50.00	53.22	106	
1,1,1,2-Tetrachloroethane	ug/l	50.00	52.47	105	
1,1,2,2-Tetrachloroethane	ug/l	50.00	49.40	99	
Tetrachloroethene	ug/l	50.00	57.89	116	
Toluene	ug/l	50.00	53.53	107	
1,1,1-Trichloroethane	ug/l	50.00	50.32	101	
1,1,2-Trichloroethane	ug/l	50.00	52.30	105	
Trichloroethene	ug/l	50.00	60.45	121	
Trichlorofluoromethane	ug/l	50.00	58.65	117	

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

LABORATORY CONTROL SAMPLE: 927494930

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
1,2,3-Trichloropropane	ug/l	50.00	51.41	103	
Vinyl acetate	ug/l	100.00	50.03	50	
Vinyl chloride	ug/l	50.00	59.29	119	
m&p-Xylene	ug/l	100.00	108.2	108	
o-Xylene	ug/l	50.00	53.75	107	
Toluene-d8 (S)				98	
4-Bromofluorobenzene (S)				101	
Dibromofluoromethane (S)				90	
1,2-Dichloroethane-d4 (S)				83	

SAMPLE DUPLICATE: 927497784

Parameter	Units	927492371 Result	DUP Result	RPD	Footnotes
Acetone	ug/l	ND	ND	NC	
Acrylonitrile	ug/l	ND	ND	NC	
Benzene	ug/l	ND	ND	NC	
Bromochloromethane	ug/l	ND	ND	NC	
Bromodichloromethane	ug/l	ND	ND	NC	
Bromoform	ug/l	ND	ND	NC	
Bromomethane	ug/l	ND	ND	NC	
2-Butanone (MEK)	ug/l	ND	ND	NC	
Carbon disulfide	ug/l	ND	ND	NC	
Carbon tetrachloride	ug/l	ND	ND	NC	
Chlorobenzene	ug/l	ND	ND	NC	
Chloroethane	ug/l	ND	ND	NC	
Chloroform	ug/l	ND	ND	NC	
Chloromethane	ug/l	ND	ND	NC	
1,2-Dibromo-3-chloropropane	ug/l	ND	ND	NC	
Dibromochloromethane	ug/l	ND	ND	NC	
1,2-Dibromoethane (EDB)	ug/l	ND	ND	NC	
Dibromomethane	ug/l	ND	ND	NC	
1,2-Dichlorobenzene	ug/l	ND	ND	NC	
1,4-Dichlorobenzene	ug/l	ND	ND	NC	
trans-1,4-Dichloro-2-butene	ug/l	ND	ND	NC	
1,1-Dichloroethane	ug/l	ND	ND	NC	

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

SAMPLE DUPLICATE: 927497784

Parameter	Units	927492371 Result	DUP Result	RPD	Footnotes
1,2-Dichloroethane	ug/l	ND	ND	NC	
1,1-Dichloroethene	ug/l	ND	ND	NC	
cis-1,2-Dichloroethene	ug/l	ND	ND	NC	
trans-1,2-Dichloroethene	ug/l	ND	ND	NC	
1,2-Dichloropropane	ug/l	ND	ND	NC	
cis-1,3-Dichloropropene	ug/l	ND	ND	NC	
trans-1,3-Dichloropropene	ug/l	ND	ND	NC	
Ethylbenzene	ug/l	ND	ND	NC	
2-Hexanone	ug/l	ND	ND	NC	
Iodomethane	ug/l	ND	ND	NC	
Methylene chloride	ug/l	ND	ND	NC	
4-Methyl-2-pentanone (MIBK)	ug/l	ND	ND	NC	
Styrene	ug/l	ND	ND	NC	
1,1,1,2-Tetrachloroethane	ug/l	ND	ND	NC	
1,1,2,2-Tetrachloroethane	ug/l	ND	ND	NC	
Tetrachloroethene	ug/l	ND	ND	NC	
Toluene	ug/l	ND	ND	NC	
1,1,1-Trichloroethane	ug/l	ND	ND	NC	
1,1,2-Trichloroethane	ug/l	ND	ND	NC	
Trichloroethene	ug/l	ND	ND	NC	
Trichlorofluoromethane	ug/l	ND	ND	NC	
1,2,3-Trichloropropane	ug/l	ND	ND	NC	
Vinyl acetate	ug/l	ND	ND	NC	
Vinyl chloride	ug/l	ND	ND	NC	
m&p-Xylene	ug/l	ND	ND	NC	
o-Xylene	ug/l	ND	ND	NC	
Toluene-d8 (S)	%	93	92		
4-Bromofluorobenzene (S)	%	97	98		
Dibromofluoromethane (S)	%	94	94		
1,2-Dichloroethane-d4 (S)	%	82	87		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

QC Batch: 169074 — Analysis Method: EPA 7470
QC Batch Method: EPA 7470 — Analysis Description: Mercury, CVAAS, in Water
Associated Lab Samples: 927492272 927492280 927492298 927492306 927492322 927492355 927492371

METHOD BLANK: 927500579
Associated Lab Samples: 927492272 927492280 927492298 927492306 927492322 927492355 927492371

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Mercury	ug/l	ND	0.20	

LABORATORY CONTROL SAMPLE: 927500587

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Mercury	ug/l	2.500	2.760	110	

MATRIX SPIKE: 927500595

Parameter	Units	927492165 Result	Spike Conc.	MS Result	MS % Rec	Footnotes
Mercury	ug/l	0	2.500	2.700	108	

SAMPLE DUPLICATE: 927500603

Parameter	Units	927492173 Result	DUP Result	RPD	Footnotes
Mercury	ug/l	ND	ND	NC	

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

QC Batch: 169081 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: Metals by Trace ICP
Associated Lab Samples: 927492272 927492280 927492298 927492306 927492322 927492355 927492371

METHOD BLANK: 927500819
Associated Lab Samples: 927492272 927492280 927492298 927492306 927492322 927492355 927492371

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Arsenic	ug/l	ND	5.0	
Barium	ug/l	ND	5.0	
Cadmium	ug/l	ND	1.0	
Chromium	ug/l	ND	5.0	
Lead	ug/l	ND	5.0	
Selenium	ug/l	ND	10.	
Silver	ug/l	ND	5.0	

LABORATORY CONTROL SAMPLE: 927500827

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Arsenic	ug/l	500.00	460.0	92	
Barium	ug/l	500.00	441.0	88	
Cadmium	ug/l	500.00	467.0	93	
Chromium	ug/l	500.00	473.0	95	
Lead	ug/l	500.00	474.0	95	
Selenium	ug/l	500.00	461.0	92	
Silver	ug/l	250.00	230.0	92	

MATRIX SPIKE: 927500835

Parameter	Units	927492082 Result	Spike Conc.	MS Result	MS % Rec	Footnotes
Arsenic	ug/l	2.200	500.00	424.0	84	
Barium	ug/l	47.80	500.00	439.0	78	1
Cadmium	ug/l	0.05700	500.00	419.0	84	
Chromium	ug/l	1.800	500.00	426.0	85	

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

MATRIX SPIKE: 927500835

Parameter	Units	927492082 Result	Spike Conc.	MS Result	MS % Rec	Footnotes
Lead	ug/l	0	500.00	418.0	84	
Selenium	ug/l	5.140	500.00	425.0	84	
Silver	ug/l	0.2020	250.00	209.0	84	

SAMPLE DUPLICATE: 927500843

Parameter	Units	927492090 Result	DUP Result	RPD	Footnotes
Arsenic	ug/l	ND	ND	NC	
Barium	ug/l	74.00	73.00	2	
Cadmium	ug/l	ND	ND	NC	
Chromium	ug/l	ND	ND	NC	
Lead	ug/l	ND	ND	NC	
Selenium	ug/l	ND	ND	NC	
Silver	ug/l	ND	ND	NC	

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92128856
Client Project ID: NMLF-PH.I EP-1292

QUALITY CONTROL DATA PARAMETER FOOTNOTES

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

LCS(D)	Laboratory Control Sample (Duplicate)
MS(D)	Matrix Spike (Duplicate)
DUP	Sample Duplicate
ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit
RPD	Relative Percent Difference
(S)	Surrogate
[1]	The spike recovery was outside acceptance limits for the MS and /or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

CHAIN-OF-CUSTODY / Analytical Request Document

Pace Analytical®

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

Page: 1 of 1

1005371

Section A Required Client Information:

Company	Enviro-Pro, P.C.
Address	2646 Farmlake Ln. Ft. Mill, SC 29708
Email To:	
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 - Ph. I
Project Number:	EP-1292

Section C Invoice Information:

Attention:	T. Bolyard
Company Name:	Enviro-Pro, P.C.
Address:	2646 Farmlake Ln.
Pace Quote Reference:	
Pace Project Manager:	R. Schwartz
Pace Profile #:	3777-1

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☑ DRINKING WATER
☐ UST ☐ RCRA ☐ Other Solid Waste

SITE LOCATION ☐GA ☐IL ☐IN ☐MI ☐MN ☑NC ☐OH ☐SC ☐WI ☐OTHER [redacted]

Section D Required Client Information

SAMPLE ID

One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW, WATER WT, WASTE WATER WW, PRODUCT P, SOIL/SOLID SL, OIL OL, WIPE WP, AIR AR, OTHER OT, TISSUE TS

Filtered (Y/N)

Requested Analysis: 8260 (Appendix I) RCRA Metals

ITEM #	SAMPLE ID	MATRIX CODE	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	8260	RCRA Metals	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	MW-12	WT	G			9/27/06	14:00		4			1	3					✓	✓		92749227
2	MW-13	WT	G				16:00		4			1	3					✓	✓		2280
3	MW-14	WT	G				15:30		4			1	3					✓	✓		2298
4	MW-15	WT	G				15:00		4			1	3					✓	✓		2306
5	MW-16	WT	G				14:30		4			1	3					✓	✓		2322
6	SW-1	WT	G				14:15		4			1	3					✓	✓		2355
7	SW-2	WT	G				8:15		4			1	3					✓	✓		2371
8	FIELD BLANK	WT	G				15:15		2				2					✓			2397
9	TRIP BLANK	WT							2				2					✓			2413
10																					
11																					
12																					

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	9/28/06	1310	[signature]	9/28/06	1310

SAMPLE CONDITION

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: T. Bolyard

SIGNATURE of SAMPLER: T. Bolyard

DATE Signed (MM / DD / YY): 9/27/06

SEE REVERSE SIDE FOR INSTRUCTIONS

ALL Q020rev3.31 Mar06

APPENDIX B

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

CLIENT: North Mecklenburg Landfill
LOCATION: Huntersville, NC
PROJECT NAME/DESCRIPTION: NMLF - Exp. Area I
DATE OF WATER LEVEL MEASUREMENTS: 9-27-06

DEVELOP:
PURGING: ✓
SAMPLING: ✓

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

Sample ID	A Well No.	B Sample Date	C Time (hrs)	D Well Depth (ft)	E MP Elevation (ft)	F Depth to Water (ft-bmp)	(E - F) = G Water Level Elevation (ft)	(D - F) = H Hgt. of Water Col. (ft)	I Volume of Water (gal)*	Vol. of Water Pgd. (gal)**	Temp. (°C)	Specific Cond. (umhos)	pH	Turbidity or Appearance
	MW-12	9-27-06	14:00	60		54.04		5.96	1.0	3.0				
	MW-13	"	16:00	45		30.64		14.36	2.3	7.0				
	MW-14	"	15:30	36		22.16		13.84	2.2	6.5				
	MW-15	"	15:00	23		14.13		8.87	1.4	4.5				
	MW-16	"	14:30	28		22.22		5.78	1.0	3.0				
	SW-1 (up)	"	14:15	—		—		—	—	—				
	SW-2 (down)	"	8:15	—		—		—	—	—				
	Field Blank	"	15:15	—		—		—	—	—				

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).

DEVELOPMENT/PURGE READINGS

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

DATE(S): 9-27-06
PERSONNEL: TRB / THB

WELL I.D.	TIME(Duration)	GALLONS	NTUs	TEMP. (DEGREES C)	CONDUCTIVITY (2mu/cm)	pH
MW-12		1		16.3	235.6	6.8
		2		16.2	232.0	6.7
		3		16.1	230.4	6.7
MW-13		1		16.4	316.2	6.9
		3		16.2	306.1	7.0
		5		16.2	301.4	6.9
		7		16.3	304.3	6.9
MW-14		1		16.2	362.3	6.9
		2		16.1	341.6	6.8
		4		16.1	336.0	6.8
		6		16.2	332.2	6.7
MW-15		1		16.3	178.8	6.8
		2		16.2	169.0	6.7
		3		16.2	162.2	6.7
		4		16.1	159.3	6.8
MW-16		1		16.2	313.1	6.9
		2		16.1	307.6	6.8
		3		16.1	303.0	6.8
SW-1 (up)		—		16.2	189.2	6.8
SW-2 (down)		—		16.1	186.4	6.8