CORPORATE EHS SERVICES

Duke Energy Corporation
526 South Church St.
Charlotte, NC 28202

Mailing Address:
EC13K / PO Box 1006
Charlotte, NC 28201-1006

August 15, 2008

Mr. Donald Herndon
North Carolina Department of Environment and Natural Resources
Division of Waste Management
Solid Waste Section
1646 Mail Service Center
Raleigh, N.C. 27699-1646

Subject: Duke Energy Carolinas – McGuire Nuclear Station
Unlined Solid Waste Landfill
Permit # 60-04
Semi-Annual Groundwater Monitoring Report

Dear Mr. Herndon:

Attached is the groundwater monitoring report for McGuire Nuclear Station's unlined landfill (Permit # 60-04). Semi-annual groundwater sampling for the landfill occurred on July 14, 2008.

Groundwater contours are shown on the attached figure of Landfill No. 1. Groundwater flow at the site is predominantly to the northwest. Groundwater elevations, pH, specific conductance, temperature and laboratory results are tabled in the Groundwater Monitoring Report, Tables 1 and 2. The Groundwater Monitoring Report has been revised to comply with guidelines outlined in the February 23, 2007 NCDENR memorandum.

Groundwater analytical results remain very similar to those previously reported. Due to ongoing drought conditions, well MW-12 again had insufficient volume to collect samples. Field pH levels remain consistent with previous samplings as pH was below the NCAC 2L standard of 6.5 SU in the following wells (MW-1: 6.3 SU, MW-1D: 6.4 SU, MW-3: 6.2 SU, MW-4: 5.9 SU, MW-4D: 6.4 SU, MW-11: 5.3 SU and MW-11D: 5.8 SU). In addition, well MW-4 detected tetrachloroethene at 0.88 ug/l, which is above the 2L standard of 0.70 ug/l. All other parameters were within limits of the groundwater standards. Low pH has been reported historically and is likely attributable to Piedmont soil characteristics. The exceedance of tetrachloroethene at MW-4 has also been reported previously and will continue to be monitored.

In addition, radiological sampling data is attached in Table 2.

Also included with this report is a copy of the chain of custody, laboratory data sheets for VOCs and a sealed copy of the Environmental Monitoring Reporting Form. An electronic copy of this report will be submitted along with an excel file of the laboratory data in the EDD format.

The next sampling event scheduled for this landfill will be in January 2009. If there are any questions regarding this report, please contact me at (980) 373-7892.

Sincerely,

Christopher D. Hallman

Christopher D. Hallman
Waste and Remediation Management
Duke Energy Corporate EHS

Attachments

xc: Mr. Robert Cheek – NCDENR Groundwater Section
Mr. Joe Hack – Mecklenburg County Solid Waste Department
Mr. Dale Dusenbury – NCDENR Radiation Protection

Facility: McGuire Nuclear Station Solid Waste Landfill No.1 - Permit No. 60-04
Sample Date: July 14, 2008 (Field and Geochemistry Data)

Certificate Codes:

Duke Power Lab #248
Duke Power Field #5193
Prism Lab #2402

Parameter	SW ID	Units	Certificate Codes	Monitoring Well Identification								SWSL	15A NCAC 2L*
				6004-MW-1	6004-MW-1D	6004-MW-2A	6004-MW-2D	6004-MW-3	6004-MW-3D	6004-MW-4	6004-MW-4D		
Field pH	320	Std. Units	5193	6.3	6.4	6.7	6.9	6.2	6.6	5.9	6.4		6.5-8.5
Field Spec. Conductance	323	umho/cm	5193	65	52	51	54	64	79	157	97		
Temperature	325	C	5193	17	17	17	18	16	17	19	17		
Top Casing	328	msl-feet		730.29	730.67	740.25	740.79	729.04	728.43	741.24	740.69		
Depth to Water	318	feet		33.00	33.87	56.79	57.78	60.48	59.85	69.23	69.96		
Water Elevation	319	msl-feet		697.29	696.80	683.46	683.01	668.56	668.58	672.01	670.73		
Well Depth	41	feet		69.00	88.60	78.00	110.10	71.00	88.88	73.95	101.48		
Arsenic	14	ug/L	2402	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10	50
Barium	15	ug/L	2402	138.0	46.9	14.4	12.6	43.2	16.2	62.5	16.5	100	2000
Cadmium	34	ug/L	2402	1.0 U	1.0 U	1.0 U	0.5 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.75
Chloride	301	ug/L	2402	5000.0 U	5000.0 U	5000.0 U	5000.0 U	5000.0 U	5000.0 U	5000.0 U	5000.0 U	NE	250000
Chromium	51	ug/L	2402	5.0 U	5.0 U	0.8 J	1.6 J	5.0 U	0.4 J	0.7 J	5.0 U	10	50
Lead	131	ug/L	2402	5.0 U	5.0 U	5.0 U	5.0 U	4.2 J	5.0 U	5.0 U	5.0 U	10	15
Mercury	132	ug/L	2402	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.20	1.05
Selenium	183	ug/L	2402	5.1 J	10.0 U	10.0 U	10.0 U	10.0 U	4.4 J	10.0 U	10.0 U	10	50
Silver	184	ug/L	2402	5.0 U	0.1	5.0 U	0.9 J	5.0 U	5.0 U	5.0 U	5.0 U	10	17.5
Sulfate	315	ug/L	2402	5000.0 U	5000.0 U	5000.0 U	5000.0 U	5000.0 U	5000.0 U	5000.0 U	5000.0 U	250000	250000
VOC's ***		ug/L	2402	***	***	***	***	***	***	***	***		
1,2,4-Trimethylbenzene	372	ug/L	2402	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NE	NE
cis-1,2-dichloroethene	78	ug/L	2402	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.2	0.84 J	5.0	70
Dichlorodifluoromethane	74	ug/L	2402	1.0 U	1.0 U	1.0 U	1.0 U	0.38 J	0.63 J	1.0 U	0.52 J	5.0	1400
methylene chloride	140	ug/L	2402	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.6	2.0 U	2.0 U	1.0	4.6
Tetrachloroethene	192	ug/L	2402	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.88 J	0.52 J	1.0	0.70
Trichloroethene	201	ug/L	2402	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.0	1.0	2.8
Trichlorofluoromethane	203	ug/L	2402	1.0 U	1.0 U	1.0 U	1.0 U	1.6	1.8	1.0 U	1.0 U	1.0	2100
Toluene	196	ug/L	2402	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1000
Naphthalene	148	ug/L	2402	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10.0	21
m-p,Xylene	359	ug/L	2402	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	NE	NE
o-Xylene	408	ug/L	2402	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.35 J	NE	NE

*** Maximum Contaminant Level (MCL)**
U - Below adjusted reporting limit
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
NE - Not Established
NS - Not Sampled - insufficient volume in well
* * - Not Applicable
***** All EPA method 8260 compounds not specifically listed were less than laboratory reporting limits.**

DUKE ENERGY
GROUNDWATER MONITORING REPORT

Facility: McGuire Nuclear Station Solid Waste Landfill No.1 - Permit No. 60-04
Sample Date: July 14, 2008 (Field and Geochemistry Data)

Duke Power Lab #248
Duke Power Field #5193
Prism Lab #2402

Parameter	SW ID	Units	Certificate Codes	Monitoring Well Identification							SWSL	15A NCAC 2L*
				6004-MW-11	6004-MW-11D	6004-MW-12	6004-SW-12D	6004-SW-1	TRIP BLANK	FIELD BLANK		
Field pH	320	Std. Units	5193	5.3	5.8	NS	6.5	6.3				6.5-8.5
Field Spec. Conductance	323	umho/cm	5193	17	32	NS	86	121				
Temperature	325	C	5193	18	17	NS	17	24				
Top Casing	328	msl-feet		722.62	723.16	724.83	724.80					
Depth to Water	318	feet		36.10	36.86	29.30	32.35					
Water Elevation	319	msl-feet		686.52	686.30	695.53	692.45					
Well Depth	41	feet		38.54	101.80	29.59	29.59					
Arsenic	14	ug/L	2402	5.0 U	5.0 U	NS	5.0 U	5.0 U	**	5.0 U	10	50
Barium	15	ug/L	2402	6.0	11.7	NS	10.6	62.3	**	5.0	100	2000
Cadmium	34	ug/L	2402	1.0 U	1.0 U	NS	1.0 U	1.0 U	**	1.0 U	1.0	1.75
Chloride	301	ug/L	2402	5000.0 U	5000.0 U	NS	5000.0 U	5000.0 U	**	5000.0 U	NE	250000
Chromium	51	ug/L	2402	5.0 U	0.4 J	NS	5.0 U	5.0 U	**	5.0 J	10	50
Lead	131	ug/L	2402	5.0 U	5.0 U	NS	5.0 U	5.0 U	**	5.0 U	10	15
Mercury	132	ug/L	2402	0.2 U	0.2 U	NS	0.2 U	0.2 U	**	0.2 U	0.20	1.05
Selenium	183	ug/L	2402	10.0 U	10.0 U	NS	10.0 U	10.0 U	**	10.0 U	10	50
Silver	184	ug/L	2402	5.0 U	5.0 U	NS	5.0 U	0.5 J	**	5.0 U	10	17.5
Sulfate	315	ug/L	2402	5000.0 U	5000.0 U	NS	5000.0 U	5000.0 U	**	5000.0 U	250000	250000
VOC's		ug/L	2402	***	***	NS	***	***	***	***		
1,2,4-Trimethylbenzene	372	ug/L	2402	1.0 U	1.0 U	NS	1.0 U	0.82 J	1.0 U	1.0 U	NE	NE
cis-1,2-dichloroethene	78	ug/L	2402	1.0 U	1.0 U	NS	1.0 U	1.0 U	1.0 U	1.0 U	5.0	70
Dichlorodifluoromethane	74	ug/L	2402	1.0 U	1.0 U	NS	1.0 U	1.0 U	1.0 U	1.0 U	5.0	1400
methylene chloride	140	ug/L	2402	2.0 U	2.0 U	NS	2.0 U	2.0 U	2.0 U	2.0 U	1.0	4.6
Tetrachloroethene	192	ug/L	2402	1.0 U	1.0 U	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0	0.70
Trichloroethene	201	ug/L	2402	1.0 U	1.0 U	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0	2.8
Trichlorofluoromethane	203	ug/L	2402	1.0 U	1.0 U	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0	2100
Toluene	196	ug/L	2402	1.0 U	1.0 U	NS	1.0 U	0.57 J	1.0 U	1.0 U	1.0	1000
Naphthalene	148	ug/L	2402	1.0 U	1.0 U	NS	1.0 U	2.9	1.0 U	1.0 U	10.0	21
m-p,Xylene	346	ug/L	2402	2.0 U	2.0 U	NS	2.0 U	0.78 J	2.0 U	2.0 U	NE	NE
o-Xylene	408	ug/L	2402	1.0 U	1.0 U	NS	1.0 U	0.38 J	1.0 U	1.0 U	NE	NE

*** Maximum Contaminant Level (MCL)**
U - Below adjusted reporting limit
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
NE - Not Established
NS - Not Sampled - insufficient volume in well
* * - Not Applicable
***** All EPA method 8260 compounds not specifically listed were less than laboratory reporting limits.**

DUKE ENERGY
GROUNDWATER MONITORING REPORT

August 5, 2008
Table 2

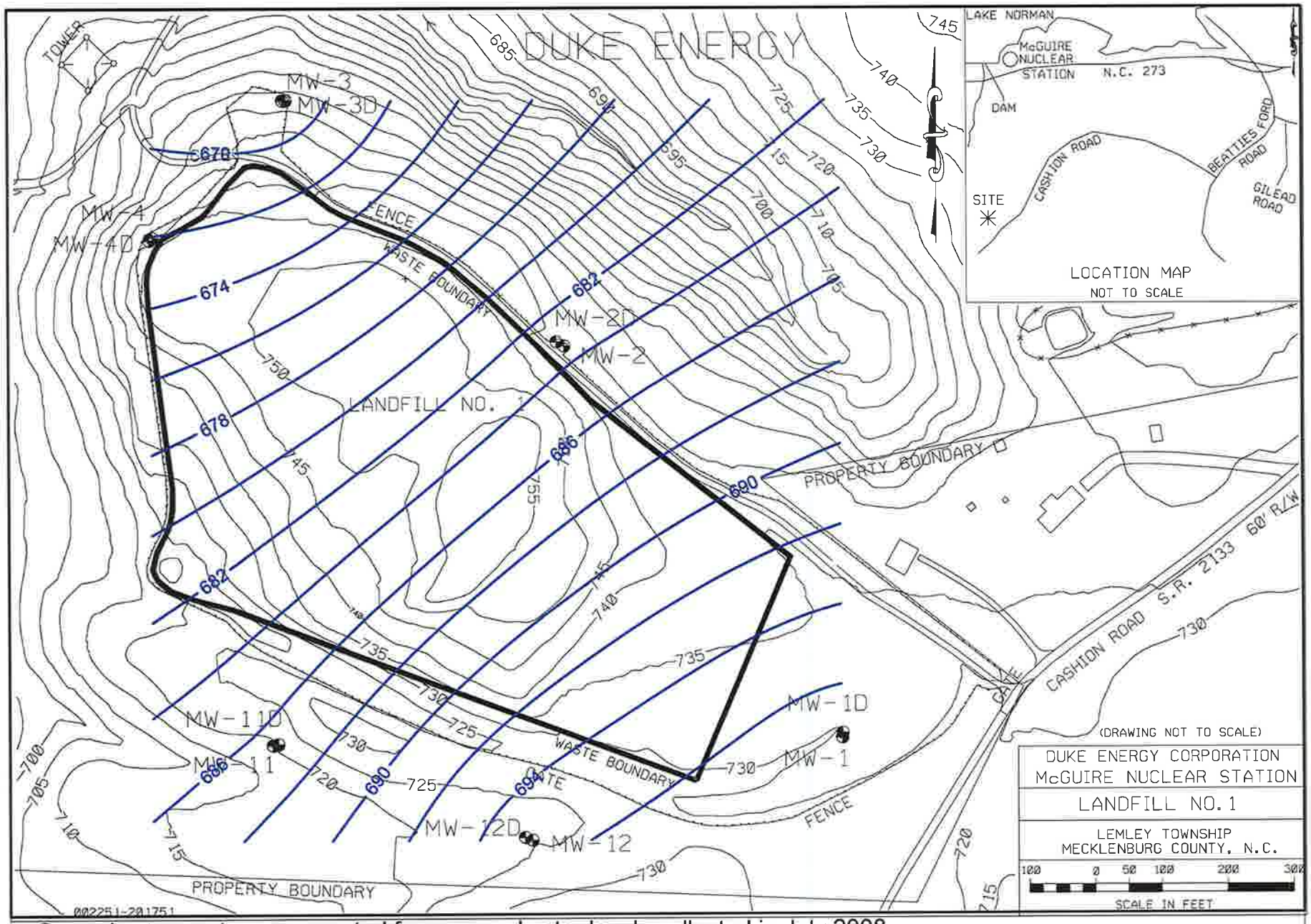
Facility: McGuire Nuclear Station Solid Waste Landfill No.1 - Permit No. 60-04
Sample Date: July 14, 2008 (Radiological Data)

Certificate Codes:

Duke Power Lab # 248

Parameter	Units	Certificate Code	Monitoring Well Identification												
			6004-MW-1	6004-MW-1D	6004-MW-2A	6004-MW-2D	6004-MW-3	6004-MW-3D	6004-MW-4	6004-MW-4D	6004-MW-11	6004-MW-11D	6004-MW-12	6004-MW-12D	6004-SW-1
ALPHA	pCi/l	248	< -0.582	< -0.00147	< -0.238	< -0.39	< -0.395	< -0.623	< -0.484	< -0.361	< -27.9	< -0.126	NS	< -0.0493	< -0.0139
BALA140	pCi/l	248	< 5.932	< 3.99	< 5.716	< 4.708	< 5.265	< 6.253	< 1.58	< 4.666	< 4.708	< 8.709	NS	< 4.485	< 3.603
BE7	pCi/l	248	< 30.53	< 31.47	< 37.2	< 32.28	< 37.98	< 34.33	< 12.01	< 27.78	< 40.61	< 51.67	NS	< 37.79	< 35.01
BETA	pCi/l	248	<0.82	< 0.39	< -0.4	< -0.253	< -0.0102	< -0.386	< 0.465	< -0.263	< -0.178	< -0.0743	NS	< -0.163	<3.42
CO58	pCi/l	248	< 3.875	< 3.419	< 4.148	< 3.892	< 5.263	< 3.367	< 1.444	< 3.244	< 4.139	< 6.922	NS	< 4.31	< 3.746
CO60	pCi/l	248	< 5.09	< 3.949	< 6.394	< 2.926	< 4.22	< 5.408	< 1.623	< 3.349	< 5.512	< 6.837	NS	< 3.922	< 4.706
CS134	pCi/l	248	< 3.759	< 3.164	< 4.031	< 3.667	< 4.288	< 4.429	< 1.327	< 3.215	< 4.573	< 3.95	NS	< 4.474	< 3.922
CS137	pCi/l	248	< 3.241	< 3.539	< 4.534	< 3.657	< 3.866	< 4.281	< 1.429	< 2.842	< 4.412	< 5.233	NS	< 5.358	< 4.193
FE59	pCi/l	248	< 7.351	< 7.086	< 8.543	< 7.333	< 9.843	< 9.36	< 2.786	< 5.893	< 8.667	< 16.23	NS	< 6.496	< 8.62
I131	pCi/l	248	< 4.355	< 4.48	< 4.383	< 3.417	< 5.277	< 4.935	< 1.591	< 3.036	< 3.865	< 6.68	NS	< 4.34	< 3.967
K40	pCi/l	248	< 63.98	64.72	< 84.72	124.10	160.10	110.60	157.20	56.31	115.30	< 123.6	NS	155.80	109.90
MN54	pCi/l	248	< 3.902	< 3.656	< 4.519	< 3.761	< 3.443	< 4.325	< 1.211	< 3.168	< 3.536	< 4.996	NS	< 4.077	< 4.097
NB95	pCi/l	248	< 4.801	< 3.905	< 4.537	< 3.742	< 5.605	< 5.199	< 1.643	< 3.045	< 5.099	< 7.336	NS	< 4.413	< 4.379
Tritium	pCi/l	248	< 27.2	< 8.25	< -45.4	< -60.5	< -48.9	< -90.1	< -12.3	< -12.3	< 2.08	< -61	NS	< 2.06	< 74.6
ZN65	pCi/l	248	< 8.076	< 8.38	< 8.828	< 8.613	< 9.872	< 9.73	< 2.863	< 7.962	< 9.268	< 3.422	NS	< 9.672	< 9.741
ZR95	pCi/l	248	< 5.703	< 6.185	< 7.707	< 6.251	< 7.229	< 7.648	< 2.427	< 5.069	< 8.396	< 10.32	NS	< 8.939	< 6.282

NS - Insufficient volume to collect sample



Groundwater contours generated from groundwater levels collected in July 2008.
MW-1 - MW-3 gradient = 0.0225 ft/ft, MW-1 - MW-4 gradient = 0.0195 ft/ft

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):

Duke Energy (facility owner)

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

Name: Tim Hunsucker Phone: 704-875-5228

E-mail: tshunsuc@duke-energy.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
McGuire Nuclear Station Un-Lined (Landfill-1) Solid Waste Landfill	Off SR 2133 Mecklenburg County, NC	60-04	.0500	July 14, 2008

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.

Christopher D. Hallman — Senior Engineer — (980) 373-7892

Facility Representative Name (Print) — Title — (Area Code) Telephone Number

Christopher D Hallman — 8/15/08

Signature — Date

Affix NC Licensed Professional Geologist/Engineer Seal here:

NORTH CAROLINA PROFESSIONAL SEAL 12584 ENGINEER CHRISTOPHER D. HALLMAN

Revised 01/2007

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST FORM

Duke Energy

For Detailed Instructions, see:
http://dewww/esserv/coc/

Duke Energy Analytical Lab Services
Mail Code MGO3A2 (Building 7405)
13339 Hagers Ferry Rd
Huntersville, N. C. 28078
(704) 875-5245
Fax: (704) 875-4349

Analytical Laboratory Use Or
LIMS # 08-JUN-0486 | Sample Class GWATER
Logged By VS | Date & Time 6/26/08 6:53

[19]Page 1 of 1
DISTRIBUTION

PLEASE!
Send pdf and excel spreadsheet of vendor results to: labcustomer@duke-energy.com

Customer must Complete

1)Project Name: MNS LANDFILL 1		2)Phone No: 875-5257
3)Client: C. Campbell / T. Hunsucker		4)Fax No:875-4349
5)Business Unit: 20036	6)Process: BLDFLGN	7)Resp. To: MC00
8)Project ID:	9)Activity ID:	10)Mail Code: MGO3A3

VENDOR: PACE
PO #: 1SW01.341
MR #:
Cooler Temp (C): <1°
[18]Preserv.:1=HCL 2=H_2SO_4 3=HNO_3 4=Ice 5=None

Customer to complete all appropriate NON-SHADED areas.

Customer to complete appropriate columns to right

LAB USE ONLY [11]Lab ID	[12]Chem Desktop No.	[13]Sample Description or ID	[14]Collection Information Date	Time	Signature	[17]Comp.	[18]Grab	VOC - 8260B	ALK, SO4, Cl				Hg	METAL - (Ag, As, Ba, Ca, Cd, Cr, K, Mg, Na, Pb, Se)				Chlorine (ppm)	[20]Total # of Containers
							[18]Analyses Required	1,4	4				3	3					
28017828		TRIP BLANK 92233560147	7/14/08	0530	ED Cell		X	3										n/a	3
28017829		MW-1 001	7/14/08	1455	Ron Nelk		X	3	1				1	1				Ø	6
28017830		MW-1D 002	7/14/08	1510	Ron Nelk		X	3	1				1	1				Ø	6
28017831		MW-2A 003	7/14/08	1030	Ron Nelk		X	3	1				1	1				Ø	6
28017832		MW-2D 004	7/14/08	1050	Ron Nelk		X	3	1				1	1				Ø	6
28017833		MW-3 005	7/14/08	1315	Ron Nelk		X	3	1				1	1				Ø	6
28017834		MW-3D 006	7/14/08	1340	Ron Nelk		X	3	1				1	1				Ø	6
28017835		MW-4 007	7/14/08	0745	Ron Nelk		X	3	1				1	1				Ø	6
28017836		MW-4D 008	7/14/08	0810	Ron Nelk		X	3	1				1	1				Ø	6
28017837		MW-11 009	7/14/08	0800	ED Cell		X	3	1				1	1				Ø	6
28017838		MW-11D 010	7/14/08	1000	ED Cell		X	3	1				1	1				Ø	6
28017839		MW-12 NO SAMPLE - DC					X	3	1				1	1					6
28017840		MW-12D 011	7/14/08	1145	ED Cell		X	3	1				1	1				Ø	6
28017841		SW-1 012	7/14/08	1335	ED Cell		X	3	1				1	1				Ø	6
28017842		FIELD BLANK 013	7/14/08	1525	ED Cell		X	3	1				1	1				n/a	6

Customer to sign & date below

21)Relinquished By: Ron Nelk	Date/Time: 7-14-08 1555	Accepted By: EB Calder	Date/Time: 7-14-08 1555
Relinquished By: EB Calder	Date/Time: 7-15-08 11:15	Accepted By: [signature] Pace	Date/Time: 7-15-08 11:15
Relinquished By: [signature]	Date/Time: 7-15-08 1136	Accepted By	Date/Time
23)Seal/Locked By: EB Calder	Date/Time: 7-14-08 16:00	Sealed/Lock Opened By: [signature]	Date/Time: 07/15/08

24)Comments

Customer, important please indicate desired turnaround

[22]Requested Turnaround
14 Days 7-29
*7 Days
* 48 Hr
*Other
* Add. Cost Will Apply

Please put the results into the correct EDD format as 'dictated' by the state of NC.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST FORM

Duke Energy

For Detailed Instructions, see:
http://dewww/essenv/coc/

Duke Energy Analytical Lab Services
Mail Code MGO3A2 (Building 7405)
13339 Hagers Ferry Rd
Huntersville, N. C. 28078
(704) 875-5245
Fax: (704) 875-4349

Analytical Laboratory Use Only

LIMS # 08-JUN-0486 | Sample Class GWATER | Samples Originating From NC ✓ SC ___

Logged By VS | Date & Time 6/26/08 6:53

SAMPLE PROGRAM: Groundwater ✓ NPDES ___ Drinking Water ___ UST ___ RCRA Waste ___

VENDOR: PACE | Cooler Temp (C): <10

PO #: 1SW01, 341

MR #:

[19]Page 1 of 1
DISTRIBUTION
ORIGINAL to LAB, COPY to CLIENT

Customer must Complete

1)Project Name: MNS LANDFILL 1		2)Phone No: 875-5257
3)Client: C. Campbell / T. Hunsucker		4)Fax No:875-4349
5)Business Unit: 20036	6)Process: BLDFLGN	7)Resp. To: MC00
8)Project ID:	9)Activity ID:	10)Mail Code: MGO3A3

[15]Preserv.: 1=HCL 2=H_2SO_4 3=HNO_3 4=Ice 5=None

Customer to complete all appropriate NON-SHADED areas.

Customer to complete appropriate columns to right

LAB USE ONLY [11]Lab ID	[12]Chem Desktop No.	[13]Sample Description or ID	[14]Collection Information Date	Time	Signature	[17]Comp.	[18]Grab	VOC - 8260B	ALK, SO4, Cl				Hg	METAL - (Ag, As, Ba, Ca, Cd, Cr, K, Mg, Na, Pb, Se)				Chlorine (ppm)	[20]Total # of Containers
								[16]Analyses Required	1, 4				3	3					
28017828		TRIP BLANK	7/14/08	0530	ED Cell		X	3										n/a	3
28017829		MW-1	7/14/08	1455	Ron Wilk		X	3	1				1	1				Ø	6
28017830		MW-1D	7/14/08	1510	Ron Wilk		X	3	1				1	1				Ø	6
28017831		MW-2A	7/14/08	1030	Ron Wilk		X	3	1				1	1				Ø	6
28017832		MW-2D	7/14/08	1050	Ron Wilk		X	3	1				1	1				Ø	6
28017833		MW-3	7/14/08	1315	Ron Wilk		X	3	1				1	1				Ø	6
28017834		MW-3D	7/14/08	1340	Ron Wilk		X	3	1				1	1				Ø	6
28017835		MW-4	7/14/08	0745	Ron Wilk		X	3	1				1	1				Ø	6
28017836		MW-4D	7/14/08	0810	Ron Wilk		X	3	1				1	1				Ø	6
28017837		MW-11	7/14/08	0800	ED Cell		X	3	1				1	1				Ø	6
28017838		MW-11D	7/14/08	1000	ED Cell		X	3	1				1	1				Ø	6
28017839		MW-12 NO SAMPLE - DC					X	3	1				1	1				Ø	6
28017840		MW-12D	7/14/08	1145	ED Cell		X	3	1				1	1				Ø	6
28017841		SW-1	7/14/08	1335	ED Cell		X	3	1				1	1				Ø	6
28017842		FIELD BLANK	7/14/08	1525	ED Cell		X	3	1				1	1				n/a	6

Customer to sign & date below

21)Relinquished By: Ron Wilk 7-14-08 1555	Accepted By: EB Calder 7-14-08 1555
Relinquished By: EB Calder 7-15-08 11:15	Accepted By: [signature] Pace 7-15-08 11:15
Relinquished By: Date/Time	Accepted By: Date/Time
23)Seal/Locked By: EB Calder 7-14-08 16:00	Sealed/Lock Opened By: Date/Time

24)Comments

Please put the results into the correct EDD format as 'dictated' by the state of NC.

Customer, important please indicate desired turnaround

[22]Requested Turnaround
14 Days ✓ 7-29
*7 Days ___
* 48 Hr ___
*Other ___
* Add. Cost Will Apply

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-1 **Lab ID: 9223356001** Collected: 07/14/08 14:55 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/20/08 10:00	07/23/08 19:34	7440-38-2	
Barium	**138**	ug/L	5.0	0.20	1	07/20/08 10:00	07/23/08 19:34	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	07/20/08 10:00	07/23/08 19:34	7440-43-9	
Calcium	**4090**	ug/L	100	27.0	1	07/20/08 10:00	07/23/08 19:34	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	07/20/08 10:00	07/23/08 19:34	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	07/20/08 10:00	07/23/08 19:34	7439-92-1	
Magnesium	**2000**	ug/L	100	3.0	1	07/20/08 10:00	07/23/08 19:34	7439-95-4	
Potassium	**974J**	ug/L	5000	3.0	1	07/20/08 10:00	07/23/08 19:34	7440-09-7	
Selenium	**5.1J**	ug/L	10.0	3.8	1	07/20/08 10:00	07/23/08 19:34	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	07/20/08 10:00	07/23/08 19:34	7440-22-4	
Sodium	**4840J**	ug/L	5000	2.5	1	07/20/08 10:00	07/23/08 19:34	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 14:31	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 01:01	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 01:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 01:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 01:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 01:01	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 01:01	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 01:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 01:01	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 01:01	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 01:01	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 01:01	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 01:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 01:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 01:01	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 01:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 01:01	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 01:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 01:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 01:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 01:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 01:01	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 01:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 01:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 01:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 01:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		07/17/08 01:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 01:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 01:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 01:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		07/17/08 01:01	156-59-2	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-1 **Lab ID: 9223356001** Collected: 07/14/08 14:55 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 01:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 01:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 01:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 01:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 01:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 01:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 01:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 01:01	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 01:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 01:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 01:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 01:01	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 01:01	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 01:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 01:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 01:01	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 01:01	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 01:01	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 01:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 01:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 01:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/17/08 01:01	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 01:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 01:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 01:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 01:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 01:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/17/08 01:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/17/08 01:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 01:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 01:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 01:01	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 01:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 01:01	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 01:01	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/17/08 01:01	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		07/17/08 01:01	460-00-4	
Dibromofluoromethane (S)	101	%	85-115		1		07/17/08 01:01	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	79-120		1		07/17/08 01:01	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		07/17/08 01:01	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**30900**	ug/L	5000		1		07/28/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:37	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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(828)254-7176

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-1 **Lab ID: 9223356001** Collected: 07/14/08 14:55 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:24	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-1D **Lab ID: 9223356002** Collected: 07/14/08 15:10 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/20/08 10:00	07/23/08 19:38	7440-38-2	
Barium	**46.9**	ug/L	5.0	0.20	1	07/20/08 10:00	07/23/08 19:38	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	07/20/08 10:00	07/23/08 19:38	7440-43-9	
Calcium	**3790**	ug/L	100	27.0	1	07/20/08 10:00	07/23/08 19:38	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	07/20/08 10:00	07/23/08 19:38	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	07/20/08 10:00	07/23/08 19:38	7439-92-1	
Magnesium	**1300**	ug/L	100	3.0	1	07/20/08 10:00	07/23/08 19:38	7439-95-4	
Potassium	**713J**	ug/L	5000	3.0	1	07/20/08 10:00	07/23/08 19:38	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	07/20/08 10:00	07/23/08 19:38	7782-49-2	
Silver	**0.10J**	ug/L	5.0	0.10	1	07/20/08 10:00	07/23/08 19:38	7440-22-4	
Sodium	**4740J**	ug/L	5000	2.5	1	07/20/08 10:00	07/23/08 19:38	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 14:33	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 01:25	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 01:25	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 01:25	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 01:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 01:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 01:25	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 01:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 01:25	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 01:25	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 01:25	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 01:25	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 01:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 01:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 01:25	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 01:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 01:25	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 01:25	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 01:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 01:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 01:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 01:25	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 01:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 01:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 01:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 01:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		07/17/08 01:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 01:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 01:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 01:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		07/17/08 01:25	156-59-2	

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-1D **Lab ID: 9223356002** Collected: 07/14/08 15:10 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 01:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 01:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 01:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 01:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 01:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 01:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 01:25	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 01:25	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 01:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 01:25	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 01:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 01:25	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 01:25	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 01:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 01:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 01:25	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 01:25	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 01:25	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 01:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 01:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 01:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/17/08 01:25	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 01:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 01:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 01:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 01:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 01:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/17/08 01:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/17/08 01:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 01:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 01:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 01:25	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 01:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 01:25	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 01:25	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/17/08 01:25	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		07/17/08 01:25	460-00-4	
Dibromofluoromethane (S)	99	%	85-115		1		07/17/08 01:25	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	79-120		1		07/17/08 01:25	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		07/17/08 01:25	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**25800**	ug/L	5000		1		07/28/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:37	16887-00-6	

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-1D **Lab ID: 9223356002** Collected: 07/14/08 15:10 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:24	14808-79-8	

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-2A **Lab ID: 9223356003** Collected: 07/14/08 10:30 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/22/08 02:09	07/24/08 13:48	7440-38-2	
Barium	**14.4**	ug/L	5.0	0.20	1	07/22/08 02:09	07/24/08 13:48	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	07/22/08 02:09	07/24/08 13:48	7440-43-9	
Calcium	**5000**	ug/L	100	27.0	1	07/22/08 02:09	07/24/08 13:48	7440-70-2	
Chromium	**0.77J**	ug/L	5.0	0.40	1	07/22/08 02:09	07/24/08 13:48	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	07/22/08 02:09	07/24/08 13:48	7439-92-1	
Magnesium	**1360**	ug/L	100	3.0	1	07/22/08 02:09	07/24/08 13:48	7439-95-4	
Potassium	**459J**	ug/L	5000	3.0	1	07/22/08 02:09	07/24/08 13:48	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	07/22/08 02:09	07/24/08 13:48	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	07/22/08 02:09	07/24/08 13:48	7440-22-4	
Sodium	**4160J**	ug/L	5000	2.5	1	07/22/08 02:09	07/24/08 13:48	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 14:35	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 01:49	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 01:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 01:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 01:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 01:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 01:49	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 01:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 01:49	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 01:49	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 01:49	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 01:49	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 01:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 01:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 01:49	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 01:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 01:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 01:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 01:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 01:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 01:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 01:49	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 01:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 01:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 01:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 01:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		07/17/08 01:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 01:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 01:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 01:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		07/17/08 01:49	156-59-2	

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(828)254-7176

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-2A **Lab ID: 9223356003** Collected: 07/14/08 10:30 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 01:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 01:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 01:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 01:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 01:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 01:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 01:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 01:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 01:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 01:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 01:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 01:49	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 01:49	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 01:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 01:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 01:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 01:49	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 01:49	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 01:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 01:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 01:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/17/08 01:49	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 01:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 01:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 01:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 01:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 01:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/17/08 01:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/17/08 01:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 01:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 01:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 01:49	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 01:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 01:49	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 01:49	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/17/08 01:49	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		07/17/08 01:49	460-00-4	
Dibromofluoromethane (S)	100	%	85-115		1		07/17/08 01:49	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	79-120		1		07/17/08 01:49	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		07/17/08 01:49	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**22800**	ug/L	5000		1		07/28/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:37	16887-00-6	

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-2A **Lab ID: 9223356003** Collected: 07/14/08 10:30 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:29	14808-79-8	

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(828)254-7176

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-2D **Lab ID: 9223356004** Collected: 07/14/08 10:50 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/22/08 02:09	07/24/08 13:58	7440-38-2	
Barium	**12.6**	ug/L	5.0	0.20	1	07/22/08 02:09	07/24/08 13:58	7440-39-3	
Cadmium	**0.52J**	ug/L	1.0	0.50	1	07/22/08 02:09	07/24/08 13:58	7440-43-9	
Calcium	**4540**	ug/L	100	27.0	1	07/22/08 02:09	07/24/08 13:58	7440-70-2	
Chromium	**1.6J**	ug/L	5.0	0.40	1	07/22/08 02:09	07/24/08 13:58	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	07/22/08 02:09	07/24/08 13:58	7439-92-1	
Magnesium	**1300**	ug/L	100	3.0	1	07/22/08 02:09	07/24/08 13:58	7439-95-4	
Potassium	**261J**	ug/L	5000	3.0	1	07/22/08 02:09	07/24/08 13:58	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	07/22/08 02:09	07/24/08 13:58	7782-49-2	
Silver	**0.87J**	ug/L	5.0	0.10	1	07/22/08 02:09	07/24/08 13:58	7440-22-4	
Sodium	**4150J**	ug/L	5000	2.5	1	07/22/08 02:09	07/24/08 13:58	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 14:38	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 02:12	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 02:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 02:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 02:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 02:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 02:12	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 02:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 02:12	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 02:12	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 02:12	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 02:12	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 02:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 02:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 02:12	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 02:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 02:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 02:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 02:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 02:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 02:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 02:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 02:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 02:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 02:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 02:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		07/17/08 02:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 02:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 02:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 02:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		07/17/08 02:12	156-59-2	

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-2D **Lab ID: 9223356004** Collected: 07/14/08 10:50 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 02:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 02:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 02:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 02:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 02:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 02:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 02:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 02:12	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 02:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 02:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 02:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 02:12	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 02:12	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 02:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 02:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 02:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 02:12	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 02:12	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 02:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 02:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 02:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/17/08 02:12	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 02:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 02:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 02:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 02:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 02:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/17/08 02:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/17/08 02:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 02:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 02:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 02:12	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 02:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 02:12	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 02:12	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/17/08 02:12	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		07/17/08 02:12	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		07/17/08 02:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	79-120		1		07/17/08 02:12	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		07/17/08 02:12	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**25300**	ug/L	5000		1		07/28/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:38	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-2D **Lab ID: 9223356004** Collected: 07/14/08 10:50 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:29	14808-79-8	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-3 **Lab ID: 9223356005** Collected: 07/14/08 13:15 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/22/08 02:09	07/24/08 14:07	7440-38-2	
Barium	**43.2**	ug/L	5.0	0.20	1	07/22/08 02:09	07/24/08 14:07	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	07/22/08 02:09	07/24/08 14:07	7440-43-9	
Calcium	**6830**	ug/L	100	27.0	1	07/22/08 02:09	07/24/08 14:07	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	07/22/08 02:09	07/24/08 14:07	7440-47-3	
Lead	**4.2J**	ug/L	5.0	4.0	1	07/22/08 02:09	07/24/08 14:07	7439-92-1	
Magnesium	**2840**	ug/L	100	3.0	1	07/22/08 02:09	07/24/08 14:07	7439-95-4	
Potassium	**628J**	ug/L	5000	3.0	1	07/22/08 02:09	07/24/08 14:07	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	07/22/08 02:09	07/24/08 14:07	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	07/22/08 02:09	07/24/08 14:07	7440-22-4	
Sodium	**3820J**	ug/L	5000	2.5	1	07/22/08 02:09	07/24/08 14:07	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 14:40	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 02:36	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 02:36	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 02:36	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 02:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 02:36	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 02:36	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 02:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 02:36	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 02:36	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 02:36	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 02:36	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 02:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 02:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 02:36	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 02:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 02:36	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 02:36	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 02:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 02:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 02:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 02:36	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 02:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 02:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 02:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 02:36	106-46-7	
Dichlorodifluoromethane	**0.38J**	ug/L	1.0	0.21	1		07/17/08 02:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 02:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 02:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 02:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		07/17/08 02:36	156-59-2	

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-3 **Lab ID: 9223356005** Collected: 07/14/08 13:15 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 02:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 02:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 02:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 02:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 02:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 02:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 02:36	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 02:36	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 02:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 02:36	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 02:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 02:36	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 02:36	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 02:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 02:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 02:36	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 02:36	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 02:36	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 02:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 02:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 02:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/17/08 02:36	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 02:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 02:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 02:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 02:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 02:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/17/08 02:36	79-01-6	
Trichlorofluoromethane	**1.6**	ug/L	1.0	0.20	1		07/17/08 02:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 02:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 02:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 02:36	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 02:36	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 02:36	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 02:36	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/17/08 02:36	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		07/17/08 02:36	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		07/17/08 02:36	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	79-120		1		07/17/08 02:36	17060-07-0	
Toluene-d8 (S)	95	%	70-120		1		07/17/08 02:36	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**35100**	ug/L	5000		1		07/28/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:38	16887-00-6	

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(828)254-7176

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-3 **Lab ID: 9223356005** Collected: 07/14/08 13:15 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:29	14808-79-8	

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-3D **Lab ID: 9223356006** Collected: 07/14/08 13:40 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/22/08 02:09	07/24/08 14:11	7440-38-2	
Barium	**16.2**	ug/L	5.0	0.20	1	07/22/08 02:09	07/24/08 14:11	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	07/22/08 02:09	07/24/08 14:11	7440-43-9	
Calcium	**8420**	ug/L	100	27.0	1	07/22/08 02:09	07/24/08 14:11	7440-70-2	
Chromium	**0.44J**	ug/L	5.0	0.40	1	07/22/08 02:09	07/24/08 14:11	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	07/22/08 02:09	07/24/08 14:11	7439-92-1	
Magnesium	**3040**	ug/L	100	3.0	1	07/22/08 02:09	07/24/08 14:11	7439-95-4	
Potassium	**515J**	ug/L	5000	3.0	1	07/22/08 02:09	07/24/08 14:11	7440-09-7	
Selenium	**4.4J**	ug/L	10.0	3.8	1	07/22/08 02:09	07/24/08 14:11	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	07/22/08 02:09	07/24/08 14:11	7440-22-4	
Sodium	**4400J**	ug/L	5000	2.5	1	07/22/08 02:09	07/24/08 14:11	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 14:43	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 03:00	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 03:00	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 03:00	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 03:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 03:00	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 03:00	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 03:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 03:00	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 03:00	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 03:00	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 03:00	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 03:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 03:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 03:00	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 03:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 03:00	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 03:00	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 03:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 03:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 03:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 03:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 03:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 03:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 03:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 03:00	106-46-7	
Dichlorodifluoromethane	**0.63J**	ug/L	1.0	0.21	1		07/17/08 03:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 03:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 03:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 03:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		07/17/08 03:00	156-59-2	

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-3D **Lab ID: 9223356006** Collected: 07/14/08 13:40 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 03:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 03:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 03:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 03:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 03:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 03:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 03:00	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 03:00	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 03:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 03:00	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 03:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 03:00	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 03:00	99-87-6	
Methylene Chloride	**1.6J**	ug/L	2.0	0.97	1		07/17/08 03:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 03:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 03:00	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 03:00	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 03:00	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 03:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 03:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 03:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/17/08 03:00	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 03:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 03:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 03:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 03:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 03:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/17/08 03:00	79-01-6	
Trichlorofluoromethane	**1.8**	ug/L	1.0	0.20	1		07/17/08 03:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 03:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 03:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 03:00	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 03:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 03:00	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 03:00	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/17/08 03:00	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		07/17/08 03:00	460-00-4	
Dibromofluoromethane (S)	100	%	85-115		1		07/17/08 03:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	79-120		1		07/17/08 03:00	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		07/17/08 03:00	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**45000**	ug/L	5000		1		07/28/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:38	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-3D **Lab ID: 9223356006** Collected: 07/14/08 13:40 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:29	14808-79-8	

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(828)254-7176

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-4 **Lab ID: 9223356007** Collected: 07/14/08 07:45 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/22/08 02:09	07/24/08 14:15	7440-38-2	
Barium	**62.5**	ug/L	5.0	0.20	1	07/22/08 02:09	07/24/08 14:15	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	07/22/08 02:09	07/24/08 14:15	7440-43-9	
Calcium	**14700**	ug/L	100	27.0	1	07/22/08 02:09	07/24/08 14:15	7440-70-2	
Chromium	**0.70J**	ug/L	5.0	0.40	1	07/22/08 02:09	07/24/08 14:15	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	07/22/08 02:09	07/24/08 14:15	7439-92-1	
Magnesium	**13800**	ug/L	100	3.0	1	07/22/08 02:09	07/24/08 14:15	7439-95-4	
Potassium	**658J**	ug/L	5000	3.0	1	07/22/08 02:09	07/24/08 14:15	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	07/22/08 02:09	07/24/08 14:15	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	07/22/08 02:09	07/24/08 14:15	7440-22-4	
Sodium	**2350J**	ug/L	5000	2.5	1	07/22/08 02:09	07/24/08 14:15	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 14:45	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 03:23	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 03:23	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 03:23	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 03:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 03:23	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 03:23	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 03:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 03:23	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 03:23	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 03:23	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 03:23	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 03:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 03:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 03:23	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 03:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 03:23	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 03:23	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 03:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 03:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 03:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 03:23	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 03:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 03:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 03:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 03:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		07/17/08 03:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 03:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 03:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 03:23	75-35-4	
cis-1,2-Dichloroethene	**3.2**	ug/L	1.0	0.19	1		07/17/08 03:23	156-59-2	

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-4 **Lab ID: 9223356007** Collected: 07/14/08 07:45 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 03:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 03:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 03:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 03:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 03:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 03:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 03:23	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 03:23	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 03:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 03:23	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 03:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 03:23	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 03:23	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 03:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 03:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 03:23	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 03:23	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 03:23	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 03:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 03:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 03:23	79-34-5	
Tetrachloroethene	**0.88J**	ug/L	1.0	0.46	1		07/17/08 03:23	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 03:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 03:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 03:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 03:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 03:23	79-00-5	
Trichloroethene	**1.5**	ug/L	1.0	0.47	1		07/17/08 03:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/17/08 03:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 03:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 03:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 03:23	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 03:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 03:23	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 03:23	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/17/08 03:23	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		07/17/08 03:23	460-00-4	
Dibromofluoromethane (S)	101	%	85-115		1		07/17/08 03:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	79-120		1		07/17/08 03:23	17060-07-0	
Toluene-d8 (S)	95	%	70-120		1		07/17/08 03:23	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**93600**	ug/L	5000		1		07/28/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:38	16887-00-6	

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-4 **Lab ID: 9223356007** Collected: 07/14/08 07:45 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:32	14808-79-8	

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-4D **Lab ID: 9223356008** Collected: 07/14/08 08:10 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/22/08 02:09	07/24/08 14:19	7440-38-2	
Barium	**16.5**	ug/L	5.0	0.20	1	07/22/08 02:09	07/24/08 14:19	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	07/22/08 02:09	07/24/08 14:19	7440-43-9	
Calcium	**9960**	ug/L	100	27.0	1	07/22/08 02:09	07/24/08 14:19	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	07/22/08 02:09	07/24/08 14:19	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	07/22/08 02:09	07/24/08 14:19	7439-92-1	
Magnesium	**4730**	ug/L	100	3.0	1	07/22/08 02:09	07/24/08 14:19	7439-95-4	
Potassium	**434J**	ug/L	5000	3.0	1	07/22/08 02:09	07/24/08 14:19	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	07/22/08 02:09	07/24/08 14:19	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	07/22/08 02:09	07/24/08 14:19	7440-22-4	
Sodium	**2330J**	ug/L	5000	2.5	1	07/22/08 02:09	07/24/08 14:19	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 14:48	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 03:47	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 03:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 03:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 03:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 03:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 03:47	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 03:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 03:47	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 03:47	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 03:47	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 03:47	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 03:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 03:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 03:47	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 03:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 03:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 03:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 03:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 03:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 03:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 03:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 03:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 03:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 03:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 03:47	106-46-7	
Dichlorodifluoromethane	**0.52J**	ug/L	1.0	0.21	1		07/17/08 03:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 03:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 03:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 03:47	75-35-4	
cis-1,2-Dichloroethene	**0.84J**	ug/L	1.0	0.19	1		07/17/08 03:47	156-59-2	

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-4D **Lab ID: 9223356008** Collected: 07/14/08 08:10 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 03:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 03:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 03:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 03:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 03:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 03:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 03:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 03:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 03:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 03:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 03:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 03:47	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 03:47	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 03:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 03:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 03:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 03:47	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 03:47	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 03:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 03:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 03:47	79-34-5	
Tetrachloroethene	**0.52J**	ug/L	1.0	0.46	1		07/17/08 03:47	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 03:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 03:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 03:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 03:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 03:47	79-00-5	
Trichloroethene	**1.0**	ug/L	1.0	0.47	1		07/17/08 03:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/17/08 03:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 03:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 03:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 03:47	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 03:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 03:47	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 03:47	1330-20-7	
o-Xylene	**0.35J**	ug/L	1.0	0.23	1		07/17/08 03:47	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		07/17/08 03:47	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		07/17/08 03:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	79-120		1		07/17/08 03:47	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		07/17/08 03:47	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**52600**	ug/L	5000		1		07/26/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:38	16887-00-6	

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-4D **Lab ID: 9223356008** Collected: 07/14/08 08:10 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:32	14808-79-8	

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-11 **Lab ID: 9223356009** Collected: 07/14/08 08:00 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/22/08 02:09	07/24/08 14:31	7440-38-2	
Barium	**6.0**	ug/L	5.0	0.20	1	07/22/08 02:09	07/24/08 14:31	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	07/22/08 02:09	07/24/08 14:31	7440-43-9	
Calcium	**748**	ug/L	100	27.0	1	07/22/08 02:09	07/24/08 14:31	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	07/22/08 02:09	07/24/08 14:31	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	07/22/08 02:09	07/24/08 14:31	7439-92-1	
Magnesium	**631**	ug/L	100	3.0	1	07/22/08 02:09	07/24/08 14:31	7439-95-4	
Potassium	**97.2J**	ug/L	5000	3.0	1	07/22/08 02:09	07/24/08 14:31	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	07/22/08 02:09	07/24/08 14:31	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	07/22/08 02:09	07/24/08 14:31	7440-22-4	
Sodium	**854J**	ug/L	5000	2.5	1	07/22/08 02:09	07/24/08 14:31	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 14:55	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 04:11	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 04:11	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 04:11	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 04:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 04:11	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 04:11	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 04:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 04:11	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 04:11	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 04:11	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 04:11	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 04:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 04:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 04:11	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 04:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 04:11	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 04:11	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 04:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 04:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 04:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 04:11	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 04:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 04:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 04:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 04:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		07/17/08 04:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 04:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 04:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 04:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		07/17/08 04:11	156-59-2	

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(828)254-7176

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-11 **Lab ID: 9223356009** Collected: 07/14/08 08:00 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 04:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 04:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 04:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 04:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 04:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 04:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 04:11	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 04:11	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 04:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 04:11	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 04:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 04:11	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 04:11	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 04:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 04:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 04:11	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 04:11	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 04:11	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 04:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 04:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 04:11	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/17/08 04:11	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 04:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 04:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 04:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 04:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 04:11	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/17/08 04:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/17/08 04:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 04:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 04:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 04:11	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 04:11	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 04:11	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 04:11	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/17/08 04:11	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		07/17/08 04:11	460-00-4	
Dibromofluoromethane (S)	99	%	85-115		1		07/17/08 04:11	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	79-120		1		07/17/08 04:11	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		07/17/08 04:11	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**5060**	ug/L	5000		1		07/28/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:38	16887-00-6	

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-11 **Lab ID: 9223356009** Collected: 07/14/08 08:00 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:32	14808-79-8	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-11D **Lab ID: 9223356010** Collected: 07/14/08 10:00 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/22/08 02:09	07/24/08 14:34	7440-38-2	
Barium	**11.7**	ug/L	5.0	0.20	1	07/22/08 02:09	07/24/08 14:34	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	07/22/08 02:09	07/24/08 14:34	7440-43-9	
Calcium	**2040**	ug/L	100	27.0	1	07/22/08 02:09	07/24/08 14:34	7440-70-2	
Chromium	**0.44J**	ug/L	5.0	0.40	1	07/22/08 02:09	07/24/08 14:34	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	07/22/08 02:09	07/24/08 14:34	7439-92-1	
Magnesium	**1060**	ug/L	100	3.0	1	07/22/08 02:09	07/24/08 14:34	7439-95-4	
Potassium	**168J**	ug/L	5000	3.0	1	07/22/08 02:09	07/24/08 14:34	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	07/22/08 02:09	07/24/08 14:34	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	07/22/08 02:09	07/24/08 14:34	7440-22-4	
Sodium	**2360J**	ug/L	5000	2.5	1	07/22/08 02:09	07/24/08 14:34	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 14:58	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 04:35	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 04:35	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 04:35	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 04:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 04:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 04:35	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 04:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 04:35	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 04:35	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 04:35	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 04:35	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 04:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 04:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 04:35	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 04:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 04:35	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 04:35	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 04:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 04:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 04:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 04:35	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 04:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 04:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 04:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 04:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		07/17/08 04:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 04:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 04:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 04:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		07/17/08 04:35	156-59-2	

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(828)254-7176

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-11D **Lab ID: 9223356010** Collected: 07/14/08 10:00 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 04:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 04:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 04:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 04:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 04:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 04:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 04:35	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 04:35	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 04:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 04:35	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 04:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 04:35	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 04:35	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 04:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 04:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 04:35	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 04:35	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 04:35	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 04:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 04:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 04:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/17/08 04:35	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 04:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 04:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 04:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 04:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 04:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/17/08 04:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/17/08 04:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 04:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 04:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 04:35	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 04:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 04:35	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 04:35	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/17/08 04:35	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		07/17/08 04:35	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		07/17/08 04:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	79-120		1		07/17/08 04:35	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		07/17/08 04:35	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**12200**	ug/L	5000		1		07/28/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:44	16887-00-6	

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-11D **Lab ID: 9223356010** Collected: 07/14/08 10:00 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:32	14808-79-8	

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ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-12D **Lab ID: 9223356011** Collected: 07/14/08 11:45 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/22/08 02:09	07/24/08 14:38	7440-38-2	
Barium	**10.6**	ug/L	5.0	0.20	1	07/22/08 02:09	07/24/08 14:38	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	07/22/08 02:09	07/24/08 14:38	7440-43-9	
Calcium	**7360**	ug/L	100	27.0	1	07/22/08 02:09	07/24/08 14:38	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	07/22/08 02:09	07/24/08 14:38	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	07/22/08 02:09	07/24/08 14:38	7439-92-1	
Magnesium	**1230**	ug/L	100	3.0	1	07/22/08 02:09	07/24/08 14:38	7439-95-4	
Potassium	**404J**	ug/L	5000	3.0	1	07/22/08 02:09	07/24/08 14:38	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	07/22/08 02:09	07/24/08 14:38	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	07/22/08 02:09	07/24/08 14:38	7440-22-4	
Sodium	**8740**	ug/L	5000	2.5	1	07/22/08 02:09	07/24/08 14:38	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 15:00	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 04:58	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 04:58	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 04:58	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 04:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 04:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 04:58	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 04:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 04:58	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 04:58	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 04:58	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 04:58	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 04:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 04:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 04:58	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 04:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 04:58	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 04:58	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 04:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 04:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 04:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 04:58	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 04:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 04:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 04:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 04:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		07/17/08 04:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 04:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 04:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 04:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		07/17/08 04:58	156-59-2	

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-12D **Lab ID: 9223356011** Collected: 07/14/08 11:45 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 04:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 04:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 04:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 04:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 04:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 04:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 04:58	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 04:58	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 04:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 04:58	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 04:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 04:58	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 04:58	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 04:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 04:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 04:58	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 04:58	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 04:58	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 04:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 04:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 04:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/17/08 04:58	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 04:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 04:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 04:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 04:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 04:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/17/08 04:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/17/08 04:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 04:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 04:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 04:58	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 04:58	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 04:58	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 04:58	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/17/08 04:58	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		07/17/08 04:58	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		07/17/08 04:58	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120		1		07/17/08 04:58	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		07/17/08 04:58	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**41500**	ug/L	5000		1		07/28/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:44	16887-00-6	

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: MW-12D **Lab ID: 9223356011** Collected: 07/14/08 11:45 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:34	14808-79-8	

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(828)254-7176

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: SW-1 **Lab ID: 9223356012** Collected: 07/14/08 13:35 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/22/08 02:09	07/24/08 14:45	7440-38-2	
Barium	**62.3**	ug/L	5.0	0.20	1	07/22/08 02:09	07/24/08 14:45	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	07/22/08 02:09	07/24/08 14:45	7440-43-9	
Calcium	**10500**	ug/L	100	27.0	1	07/22/08 02:09	07/24/08 14:45	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	07/22/08 02:09	07/24/08 14:45	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	07/22/08 02:09	07/24/08 14:45	7439-92-1	
Magnesium	**3750**	ug/L	100	3.0	1	07/22/08 02:09	07/24/08 14:45	7439-95-4	
Potassium	**2100J**	ug/L	5000	3.0	1	07/22/08 02:09	07/24/08 14:45	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	07/22/08 02:09	07/24/08 14:45	7782-49-2	
Silver	**0.49J**	ug/L	5.0	0.10	1	07/22/08 02:09	07/24/08 14:45	7440-22-4	
Sodium	**3230J**	ug/L	5000	2.5	1	07/22/08 02:09	07/24/08 14:45	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 15:03	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 05:22	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 05:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 05:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 05:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 05:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 05:22	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 05:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 05:22	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 05:22	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 05:22	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 05:22	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 05:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 05:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 05:22	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 05:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 05:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 05:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 05:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 05:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 05:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 05:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 05:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 05:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 05:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 05:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		07/17/08 05:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 05:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 05:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 05:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		07/17/08 05:22	156-59-2	

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: SW-1 **Lab ID: 9223356012** Collected: 07/14/08 13:35 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 05:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 05:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 05:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 05:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 05:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 05:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 05:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 05:22	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 05:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 05:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 05:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 05:22	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 05:22	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 05:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 05:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 05:22	1634-04-4	
Naphthalene	**2.9**	ug/L	1.0	0.24	1		07/17/08 05:22	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 05:22	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 05:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 05:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 05:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/17/08 05:22	127-18-4	
Toluene	**0.57J**	ug/L	1.0	0.26	1		07/17/08 05:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 05:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 05:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 05:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 05:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/17/08 05:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/17/08 05:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 05:22	96-18-4	
1,2,4-Trimethylbenzene	**0.82J**	ug/L	1.0	0.31	1		07/17/08 05:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 05:22	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 05:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 05:22	75-01-4	
m&p-Xylene	**0.78J**	ug/L	2.0	0.66	1		07/17/08 05:22	1330-20-7	
o-Xylene	**0.38J**	ug/L	1.0	0.23	1		07/17/08 05:22	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		07/17/08 05:22	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		07/17/08 05:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	79-120		1		07/17/08 05:22	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		07/17/08 05:22	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**49100**	ug/L	5000		1		07/28/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:44	16887-00-6	

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(828)254-7176

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: SW-1 **Lab ID: 9223356012** Collected: 07/14/08 13:35 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:35	14808-79-8	

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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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: FIELD BLANK **Lab ID: 9223356013** Collected: 07/14/08 15:25 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	07/22/08 02:09	07/24/08 14:50	7440-38-2	
Barium	ND	ug/L	5.0	0.20	1	07/22/08 02:09	07/24/08 14:50	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	07/22/08 02:09	07/24/08 14:50	7440-43-9	
Calcium	ND	ug/L	100	27.0	1	07/22/08 02:09	07/24/08 14:50	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	07/22/08 02:09	07/24/08 14:50	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	07/22/08 02:09	07/24/08 14:50	7439-92-1	
Magnesium	ND	ug/L	100	3.0	1	07/22/08 02:09	07/24/08 14:50	7439-95-4	
Potassium	ND	ug/L	5000	3.0	1	07/22/08 02:09	07/24/08 14:50	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	07/22/08 02:09	07/24/08 14:50	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	07/22/08 02:09	07/24/08 14:50	7440-22-4	
Sodium	**3.2J**	ug/L	5000	2.5	1	07/22/08 02:09	07/24/08 14:50	7440-23-5	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	0.20	0.20	1	07/18/08 11:04	07/18/08 15:05	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 00:38	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 00:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 00:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 00:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 00:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 00:38	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 00:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 00:38	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 00:38	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 00:38	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 00:38	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 00:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 00:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 00:38	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 00:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 00:38	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 00:38	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 00:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 00:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 00:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 00:38	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 00:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 00:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 00:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 00:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		07/17/08 00:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 00:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 00:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 00:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		07/17/08 00:38	156-59-2	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: FIELD BLANK **Lab ID: 9223356013** Collected: 07/14/08 15:25 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 00:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 00:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 00:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 00:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 00:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 00:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 00:38	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 00:38	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 00:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 00:38	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 00:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 00:38	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 00:38	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 00:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 00:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 00:38	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 00:38	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 00:38	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 00:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 00:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 00:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/17/08 00:38	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 00:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 00:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 00:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 00:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 00:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/17/08 00:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/17/08 00:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 00:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 00:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 00:38	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 00:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 00:38	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 00:38	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/17/08 00:38	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		07/17/08 00:38	460-00-4	
Dibromofluoromethane (S)	100	%	85-115		1		07/17/08 00:38	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	79-120		1		07/17/08 00:38	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		07/17/08 00:38	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**510J**	ug/L	5000		1		07/28/08 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		07/16/08 23:44	16887-00-6	

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

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: FIELD BLANK **Lab ID: 9223356013** Collected: 07/14/08 15:25 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/16/08 17:37	14808-79-8	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: TRIP BLANK **Lab ID: 9223356014** Collected: 07/14/08 00:00 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		07/17/08 00:14	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		07/17/08 00:14	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		07/17/08 00:14	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		07/17/08 00:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/17/08 00:14	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		07/17/08 00:14	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		07/17/08 00:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		07/17/08 00:14	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		07/17/08 00:14	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		07/17/08 00:14	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		07/17/08 00:14	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/17/08 00:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		07/17/08 00:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		07/17/08 00:14	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		07/17/08 00:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/17/08 00:14	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		07/17/08 00:14	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		07/17/08 00:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		07/17/08 00:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		07/17/08 00:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/17/08 00:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		07/17/08 00:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		07/17/08 00:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		07/17/08 00:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 00:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		07/17/08 00:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		07/17/08 00:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/17/08 00:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		07/17/08 00:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		07/17/08 00:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		07/17/08 00:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/17/08 00:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/17/08 00:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		07/17/08 00:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		07/17/08 00:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/17/08 00:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/17/08 00:14	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		07/17/08 00:14	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/17/08 00:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		07/17/08 00:14	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		07/17/08 00:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		07/17/08 00:14	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		07/17/08 00:14	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/17/08 00:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		07/17/08 00:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		07/17/08 00:14	1634-04-4	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08-JUN-0486
Pace Project No.: 9223356

Sample: TRIP BLANK **Lab ID: 9223356014** Collected: 07/14/08 00:00 Received: 07/15/08 11:36 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Naphthalene	ND	ug/L	1.0	0.24	1		07/17/08 00:14	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		07/17/08 00:14	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		07/17/08 00:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		07/17/08 00:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		07/17/08 00:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/17/08 00:14	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/17/08 00:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		07/17/08 00:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		07/17/08 00:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/17/08 00:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/17/08 00:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/17/08 00:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/17/08 00:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/17/08 00:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		07/17/08 00:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		07/17/08 00:14	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		07/17/08 00:14	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/17/08 00:14	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/17/08 00:14	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/17/08 00:14	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		07/17/08 00:14	460-00-4	
Dibromofluoromethane (S)	100	%	85-115		1		07/17/08 00:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	79-120		1		07/17/08 00:14	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		07/17/08 00:14	2037-26-5	

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QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

QC Batch: MSV/3996 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9223356001, 9223356002, 9223356003, 9223356004, 9223356005, 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013, 9223356014

METHOD BLANK: 140554
Associated Lab Samples: 9223356001, 9223356002, 9223356003, 9223356004, 9223356005, 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013, 9223356014

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	
1,1,1-Trichloroethane	ug/L	ND	1.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	
1,1,2-Trichloroethane	ug/L	ND	1.0	
1,1-Dichloroethane	ug/L	ND	1.0	
1,1-Dichloroethene	ug/L	ND	1.0	
1,1-Dichloropropene	ug/L	ND	1.0	
1,2,3-Trichlorobenzene	ug/L	0.42J	1.0	
1,2,3-Trichloropropane	ug/L	ND	1.0	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	
1,2-Dibromo-3-chloropropane	ug/L	ND	3.0	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	
1,2-Dichlorobenzene	ug/L	ND	1.0	
1,2-Dichloroethane	ug/L	ND	1.0	
1,2-Dichloropropane	ug/L	ND	1.0	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	
1,3-Dichlorobenzene	ug/L	ND	1.0	
1,3-Dichloropropane	ug/L	ND	1.0	
1,4-Dichlorobenzene	ug/L	ND	1.0	
2,2-Dichloropropane	ug/L	ND	1.0	
2-Butanone (MEK)	ug/L	ND	5.0	
2-Chlorotoluene	ug/L	ND	1.0	
2-Hexanone	ug/L	ND	5.0	
4-Chlorotoluene	ug/L	ND	1.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	
Acetone	ug/L	ND	25.0	
Benzene	ug/L	ND	1.0	
Bromobenzene	ug/L	ND	1.0	
Bromochloromethane	ug/L	ND	1.0	
Bromodichloromethane	ug/L	ND	1.0	
Bromoform	ug/L	ND	1.0	
Bromomethane	ug/L	ND	5.0	
Carbon tetrachloride	ug/L	ND	1.0	
Chlorobenzene	ug/L	ND	1.0	
Chloroethane	ug/L	ND	1.0	
Chloroform	ug/L	ND	1.0	
Chloromethane	ug/L	ND	1.0	
cis-1,2-Dichloroethene	ug/L	ND	1.0	
cis-1,3-Dichloropropene	ug/L	ND	1.0	
Dibromochloromethane	ug/L	ND	1.0	

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(704)875-9092

QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

METHOD BLANK: 140554

Associated Lab Samples: 9223356001, 9223356002, 9223356003, 9223356004, 9223356005, 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013, 9223356014

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Dibromomethane	ug/L	ND	1.0	
Dichlorodifluoromethane	ug/L	ND	1.0	
Diisopropyl ether	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	
m&p-Xylene	ug/L	ND	2.0	
Methyl-tert-butyl ether	ug/L	ND	1.0	
Methylene Chloride	ug/L	1.8J	2.0	
n-Butylbenzene	ug/L	ND	1.0	
n-Propylbenzene	ug/L	ND	1.0	
Naphthalene	ug/L	ND	1.0	
o-Xylene	ug/L	ND	1.0	
p-Isopropyltoluene	ug/L	ND	1.0	
sec-Butylbenzene	ug/L	ND	1.0	
Styrene	ug/L	ND	1.0	
tert-Butylbenzene	ug/L	ND	1.0	
Tetrachloroethene	ug/L	ND	1.0	
Toluene	ug/L	ND	1.0	
trans-1,2-Dichloroethene	ug/L	ND	1.0	
trans-1,3-Dichloropropene	ug/L	ND	1.0	
Trichloroethene	ug/L	ND	1.0	
Trichlorofluoromethane	ug/L	ND	1.0	
Vinyl acetate	ug/L	ND	2.0	
Vinyl chloride	ug/L	ND	1.0	
1,2-Dichloroethane-d4 (S)	%	105	79-120	
4-Bromofluorobenzene (S)	%	101	87-109	
Dibromofluoromethane (S)	%	101	85-115	
Toluene-d8 (S)	%	96	70-120	

LABORATORY CONTROL SAMPLE: 140555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.5	99	83-125	
1,1,1-Trichloroethane	ug/L	50	56.6	113	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	54.0	108	73-127	
1,1,2-Trichloroethane	ug/L	50	55.5	111	77-123	
1,1-Dichloroethane	ug/L	50	54.4	109	76-129	
1,1-Dichloroethene	ug/L	50	51.2	102	78-146	
1,1-Dichloropropene	ug/L	50	54.0	108	79-134	
1,2,3-Trichlorobenzene	ug/L	50	63.8	128	70-150	
1,2,3-Trichloropropane	ug/L	50	57.0	114	72-125	
1,2,4-Trichlorobenzene	ug/L	50	60.0	120	68-127	
1,2,4-Trimethylbenzene	ug/L	50	59.8	120	78-138	

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

QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

LABORATORY CONTROL SAMPLE: 140555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	57.1	114	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	57.3	115	81-125	
1,2-Dichlorobenzene	ug/L	50	59.2	118	82-126	
1,2-Dichloroethane	ug/L	50	55.5	111	72-126	
1,2-Dichloropropane	ug/L	50	51.1	102	80-127	
1,3,5-Trimethylbenzene	ug/L	50	59.2	118	73-118	
1,3-Dichlorobenzene	ug/L	50	57.4	115	82-124	
1,3-Dichloropropane	ug/L	50	53.3	107	79-124	
1,4-Dichlorobenzene	ug/L	50	57.3	115	79-125	
2,2-Dichloropropane	ug/L	50	48.5	97	58-140	
2-Butanone (MEK)	ug/L	100	105	105	50-134	
2-Chlorotoluene	ug/L	50	58.0	116	81-126	
2-Hexanone	ug/L	100	111	111	58-138	
4-Chlorotoluene	ug/L	50	60.2	120	82-126	
4-Methyl-2-pentanone (MIBK)	ug/L	100	121	121	70-131	
Acetone	ug/L	100	111	111	50-146	
Benzene	ug/L	50	53.3	107	78-128	
Bromobenzene	ug/L	50	58.4	117	81-127	
Bromochloromethane	ug/L	50	51.9	104	73-124	
Bromodichloromethane	ug/L	50	49.1	98	81-125	
Bromoform	ug/L	50	51.9	104	71-125	
Bromomethane	ug/L	50	40.8	82	50-150	
Carbon tetrachloride	ug/L	50	64.3	129	81-137	
Chlorobenzene	ug/L	50	53.4	107	82-126	
Chloroethane	ug/L	50	51.5	103	69-140	
Chloroform	ug/L	50	52.0	104	77-129	
Chloromethane	ug/L	50	52.0	104	54-139	
cis-1,2-Dichloroethene	ug/L	50	54.6	109	76-133	
cis-1,3-Dichloropropene	ug/L	50	46.1	92	76-127	
Dibromochloromethane	ug/L	50	49.7	99	77-125	
Dibromomethane	ug/L	50	57.7	115	77-125	
Dichlorodifluoromethane	ug/L	50	53.6	107	50-150	
Diisopropyl ether	ug/L	50	54.8	110	74-131	
Ethylbenzene	ug/L	50	54.0	108	80-127	
Hexachloro-1,3-butadiene	ug/L	50	56.9	114	78-145	
Isopropylbenzene (Cumene)	ug/L	50	54.3	109	84-135	
m&p-Xylene	ug/L	100	108	108	82-127	
Methyl-tert-butyl ether	ug/L	50	60.5	121	71-130	
Methylene Chloride	ug/L	50	40.8	82	67-133	
n-Butylbenzene	ug/L	50	57.2	114	73-122	
n-Propylbenzene	ug/L	50	58.2	116	82-129	
Naphthalene	ug/L	50	57.9	116	52-136	
o-Xylene	ug/L	50	53.7	107	83-124	
p-Isopropyltoluene	ug/L	50	58.3	117	73-122	
sec-Butylbenzene	ug/L	50	57.4	115	82-131	
Styrene	ug/L	50	50.4	101	80-130	
tert-Butylbenzene	ug/L	50	58.8	118	80-130	
Tetrachloroethene	ug/L	50	54.1	108	78-128	

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(704)875-9092

QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

LABORATORY CONTROL SAMPLE: 140555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	51.7	103	76-126	
trans-1,2-Dichloroethene	ug/L	50	51.8	104	78-134	
trans-1,3-Dichloropropene	ug/L	50	47.6	95	75-125	
Trichloroethene	ug/L	50	56.5	113	79-127	
Trichlorofluoromethane	ug/L	50	52.1	104	76-148	
Vinyl acetate	ug/L	100	146	146	50-150	
Vinyl chloride	ug/L	50	56.3	113	67-143	
1,2-Dichloroethane-d4 (S)	%			106	79-120	
4-Bromofluorobenzene (S)	%			100	87-109	
Dibromofluoromethane (S)	%			103	85-115	
Toluene-d8 (S)	%			97	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 140556 140557

Parameter	Units	9223356001 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	59.0	58.4	118	117	60-150	1	30	
Benzene	ug/L	ND	50	50	62.3	61.3	125	123	74-136	2	30	
Chlorobenzene	ug/L	ND	50	50	63.4	63.5	127	127	79-135	.1	30	
Toluene	ug/L	ND	50	50	60.8	60.8	122	122	73-131	.1	30	
Trichloroethene	ug/L	ND	50	50	62.9	63.0	126	126	73-131	.09	30	
1,2-Dichloroethane-d4 (S)	%						105	102	79-120			
4-Bromofluorobenzene (S)	%						100	99	87-109			
Dibromofluoromethane (S)	%						99	99	85-115			
Toluene-d8 (S)	%						95	96	70-120			

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QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

QC Batch: MERP/1594 — Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 — Analysis Description: 245.1 Mercury
Associated Lab Samples: 9223356001, 9223356002, 9223356003, 9223356004, 9223356005, 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013

METHOD BLANK: 140598
Associated Lab Samples: 9223356001, 9223356002, 9223356003, 9223356004, 9223356005, 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	ug/L	ND	0.20	

LABORATORY CONTROL SAMPLE: 140599

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.4	98	85-115	

MATRIX SPIKE SAMPLE: 140600

Parameter	Units	9223344001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	2.5	2.3	90	70-130	

SAMPLE DUPLICATE: 140601

Parameter	Units	9223344002 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	ND	4	20	

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QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

QC Batch: WETA/3084 — Analysis Method: ASTM D516-90
QC Batch Method: ASTM D516-90 — Analysis Description: ASTM D516-90 Sulfate Water
Associated Lab Samples: 9223356001, 9223356002, 9223356003, 9223356004, 9223356005, 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013

METHOD BLANK: 140745
Associated Lab Samples: 9223356001, 9223356002, 9223356003, 9223356004, 9223356005, 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Sulfate	ug/L	ND	5000	

LABORATORY CONTROL SAMPLE: 140746

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	20000	19900	99	90-110	

MATRIX SPIKE SAMPLE: 140747

Parameter	Units	9223253007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	ND	20000	18100	82	75-125	

MATRIX SPIKE SAMPLE: 140749

Parameter	Units	9223356010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	ND	20000	20400	94	75-125	

SAMPLE DUPLICATE: 140748

Parameter	Units	9223356001 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	ug/L	ND	ND	10	20	

SAMPLE DUPLICATE: 140750

Parameter	Units	9223356011 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	ug/L	ND	ND	.9	20	

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QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

QC Batch: WETA/3093 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 9223356001, 9223356002, 9223356003, 9223356004, 9223356005

METHOD BLANK: 140872
Associated Lab Samples: 9223356001, 9223356002, 9223356003, 9223356004, 9223356005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chloride	ug/L	ND	5000	

LABORATORY CONTROL SAMPLE: 140873

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	20000	21900	110	90-110	

MATRIX SPIKE SAMPLE: 140874

Parameter	Units	9223080010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	12.8 mg/L	20000	31100	92	75-125	

MATRIX SPIKE SAMPLE: 140876

Parameter	Units	9223150001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	59.3 mg/L	20000	73500	71	75-125	M0

SAMPLE DUPLICATE: 140875

Parameter	Units	9223080011 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	ug/L	30.2 mg/L	30100	2	20	

SAMPLE DUPLICATE: 140877

Parameter	Units	9223156001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	ug/L	ND	ND	6	20	

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QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

QC Batch: WETA/3094 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013

METHOD BLANK: 140880
Associated Lab Samples: 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chloride	ug/L	ND	5000	

LABORATORY CONTROL SAMPLE: 140881

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	20000	21800	109	90-110	

MATRIX SPIKE SAMPLE: 140882

Parameter	Units	9223356006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	ND	20000	21800	95	75-125	

MATRIX SPIKE SAMPLE: 140884

Parameter	Units	9223388005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	20.1 mg/L	20000	38200	91	75-125	

SAMPLE DUPLICATE: 140883

Parameter	Units	9223356007 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	ug/L	ND	ND	11	20	

SAMPLE DUPLICATE: 140885

Parameter	Units	9223388006 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	ug/L	43.5 mg/L	43100	.8	20	

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QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

QC Batch: MPRP/2687 | Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 | Analysis Description: 200.7 MET
Associated Lab Samples: 9223356001, 9223356002

METHOD BLANK: 142185
Associated Lab Samples: 9223356001, 9223356002

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	ug/L	ND	5.0	
Barium	ug/L	0.28J	5.0	
Cadmium	ug/L	ND	1.0	
Calcium	ug/L	60.4J	100	
Chromium	ug/L	ND	5.0	
Lead	ug/L	ND	5.0	
Magnesium	ug/L	ND	100	
Potassium	ug/L	ND	5000	
Selenium	ug/L	ND	10.0	
Silver	ug/L	ND	5.0	
Sodium	ug/L	ND	5000	

LABORATORY CONTROL SAMPLE: 142186

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	523	105	85-115	
Barium	ug/L	500	508	102	85-115	
Cadmium	ug/L	500	528	106	85-115	
Calcium	ug/L	5000	5120	102	85-115	
Chromium	ug/L	500	529	106	85-115	
Lead	ug/L	500	529	106	85-115	
Magnesium	ug/L	5000	5320	106	85-115	
Potassium	ug/L	5000	5120	102	85-115	
Selenium	ug/L	500	517	103	85-115	
Silver	ug/L	250	257	103	85-115	
Sodium	ug/L	5000	5250	105	85-115	

MATRIX SPIKE SAMPLE: 142187

Parameter	Units	9223295001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	11.5	500	532	104	70-130	
Barium	ug/L	332	500	766	87	70-130	
Cadmium	ug/L	ND	500	461	92	70-130	
Calcium	ug/L	47200	5000	51400	84	70-130	
Chromium	ug/L	414	500	888	95	70-130	
Lead	ug/L	ND	500	445	88	70-130	
Magnesium	ug/L	1600	5000	6020	88	70-130	
Potassium	ug/L	122000	5000	128000	120	70-130	
Selenium	ug/L	14.1	500	526	102	70-130	
Silver	ug/L	ND	250	241	96	70-130	

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QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

MATRIX SPIKE SAMPLE: 142187

Parameter	Units	9223295001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sodium	ug/L	87600	5000	88500	18	70-130	M0

SAMPLE DUPLICATE: 142188

Parameter	Units	9223298001 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	ug/L	ND	ND	0	20	
Barium	ug/L	19.5	19.6	.5	20	
Cadmium	ug/L	ND	ND	0	20	
Calcium	ug/L	15400	15400	.03	20	
Chromium	ug/L	ND	ND	0	20	
Lead	ug/L	ND	ND	92	20	
Magnesium	ug/L	1980	2000	1	20	
Potassium	ug/L	ND	2520J	.7	20	
Selenium	ug/L	ND	ND	200	20	
Silver	ug/L	ND	ND	200	20	
Sodium	ug/L	18000	18100	.8	20	

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QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

QC Batch: MPRP/2701 — Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 — Analysis Description: 200.7 MET
Associated Lab Samples: 9223356003, 9223356004, 9223356005, 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013

METHOD BLANK: 142508
Associated Lab Samples: 9223356003, 9223356004, 9223356005, 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	ug/L	ND	5.0	
Barium	ug/L	ND	5.0	
Cadmium	ug/L	ND	1.0	
Calcium	ug/L	30.6J	100	
Chromium	ug/L	ND	5.0	
Lead	ug/L	ND	5.0	
Magnesium	ug/L	ND	100	
Potassium	ug/L	ND	5000	
Selenium	ug/L	ND	10.0	
Silver	ug/L	ND	5.0	
Sodium	ug/L	3.4J	5000	

LABORATORY CONTROL SAMPLE: 142509

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	496	99	85-115	
Barium	ug/L	500	478	96	85-115	
Cadmium	ug/L	500	492	98	85-115	
Calcium	ug/L	5000	4730	95	85-115	
Chromium	ug/L	500	494	99	85-115	
Lead	ug/L	500	492	98	85-115	
Magnesium	ug/L	5000	4810	96	85-115	
Potassium	ug/L	5000	4730J	95	85-115	
Selenium	ug/L	500	484	97	85-115	
Silver	ug/L	250	234	94	85-115	
Sodium	ug/L	5000	4910J	98	85-115	

MATRIX SPIKE SAMPLE: 142510

Parameter	Units	9223356003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	ND	500	500	100	70-130	
Barium	ug/L	14.4	500	490	95	70-130	
Cadmium	ug/L	ND	500	493	99	70-130	
Calcium	ug/L	5000	5000	9650	93	70-130	
Chromium	ug/L	0.77J	500	500	100	70-130	
Lead	ug/L	ND	500	481	96	70-130	
Magnesium	ug/L	1360	5000	6080	94	70-130	
Potassium	ug/L	459J	5000	5580	102	70-130	

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QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

MATRIX SPIKE SAMPLE: 142510

Parameter	Units	9223356003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Selenium	ug/L	ND	500	494	99	70-130	
Silver	ug/L	ND	250	235	94	70-130	
Sodium	ug/L	4160J	5000	9470	106	70-130	

SAMPLE DUPLICATE: 142511

Parameter	Units	9223356004 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	ug/L	ND	ND	0	20	
Barium	ug/L	12.6	13.9	10	20	
Cadmium	ug/L	0.52J	ND	200	20	
Calcium	ug/L	4540	5270	15	20	
Chromium	ug/L	1.6J	0.71J	75	20	
Lead	ug/L	ND	ND	0	20	
Magnesium	ug/L	1300	1490	14	20	
Potassium	ug/L	261J	299J	14	20	
Selenium	ug/L	ND	ND	200	20	
Silver	ug/L	0.87J	0.10J	157	20	
Sodium	ug/L	4150J	4800J	15	20	

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QUALITY CONTROL DATA

Project: 08-JUN-0486
Pace Project No.: 9223356

QC Batch: WET/4847 — Analysis Method: SM 2320B
QC Batch Method: SM 2320B — Analysis Description: 2320B Alkalinity
Associated Lab Samples: 9223356001, 9223356002, 9223356003, 9223356004, 9223356005, 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013

METHOD BLANK: 145395
Associated Lab Samples: 9223356001, 9223356002, 9223356003, 9223356004, 9223356005, 9223356006, 9223356007, 9223356008, 9223356009, 9223356010, 9223356011, 9223356012, 9223356013

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Alkalinity, Total as CaCO3	ug/L	510J	5000	

LABORATORY CONTROL SAMPLE: 145396

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	50000	51600	103	90-110	

SAMPLE DUPLICATE: 145397

Parameter	Units	9223356001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	30900	30900	0	20	

SAMPLE DUPLICATE: 145398

Parameter	Units	9223356011 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	41500	41500	0	20	

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nelac

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www.pacelabs.com

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

QUALIFIERS

Project: 08-JUN-0486
Pace Project No.: 9223356

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.
Pace Analytical is NELAP 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

M0	Matrix spike recovery was outside laboratory control limits.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 08-JUN-0486
Pace Project No.: 9223356

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
9223356001	MW-1	EPA 8260	MSV/3996		
9223356002	MW-1D	EPA 8260	MSV/3996		
9223356003	MW-2A	EPA 8260	MSV/3996		
9223356004	MW-2D	EPA 8260	MSV/3996		
9223356005	MW-3	EPA 8260	MSV/3996		
9223356006	MW-3D	EPA 8260	MSV/3996		
9223356007	MW-4	EPA 8260	MSV/3996		
9223356008	MW-4D	EPA 8260	MSV/3996		
9223356009	MW-11	EPA 8260	MSV/3996		
9223356010	MW-11D	EPA 8260	MSV/3996		
9223356011	MW-12D	EPA 8260	MSV/3996		
9223356012	SW-1	EPA 8260	MSV/3996		
9223356013	FIELD BLANK	EPA 8260	MSV/3996		
9223356014	TRIP BLANK	EPA 8260	MSV/3996		
9223356001	MW-1	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356002	MW-1D	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356003	MW-2A	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356004	MW-2D	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356005	MW-3	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356006	MW-3D	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356007	MW-4	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356008	MW-4D	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356009	MW-11	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356010	MW-11D	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356011	MW-12D	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356012	SW-1	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356013	FIELD BLANK	EPA 245.1	MERP/1594	EPA 245.1	MERC/1594
9223356001	MW-1	ASTM D516-90	WETA/3084		
9223356002	MW-1D	ASTM D516-90	WETA/3084		
9223356003	MW-2A	ASTM D516-90	WETA/3084		
9223356004	MW-2D	ASTM D516-90	WETA/3084		
9223356005	MW-3	ASTM D516-90	WETA/3084		
9223356006	MW-3D	ASTM D516-90	WETA/3084		
9223356007	MW-4	ASTM D516-90	WETA/3084		
9223356008	MW-4D	ASTM D516-90	WETA/3084		
9223356009	MW-11	ASTM D516-90	WETA/3084		
9223356010	MW-11D	ASTM D516-90	WETA/3084		
9223356011	MW-12D	ASTM D516-90	WETA/3084		
9223356012	SW-1	ASTM D516-90	WETA/3084		
9223356013	FIELD BLANK	ASTM D516-90	WETA/3084		
9223356001	MW-1	SM 4500-Cl-E	WETA/3093		
9223356002	MW-1D	SM 4500-Cl-E	WETA/3093		
9223356003	MW-2A	SM 4500-Cl-E	WETA/3093		
9223356004	MW-2D	SM 4500-Cl-E	WETA/3093		
9223356005	MW-3	SM 4500-Cl-E	WETA/3093		
9223356006	MW-3D	SM 4500-Cl-E	WETA/3094		
9223356007	MW-4	SM 4500-Cl-E	WETA/3094		

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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 CROSS REFERENCE TABLE

Project: 08-JUN-0486
Pace Project No.: 9223356

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
9223356008	MW-4D	SM 4500-Cl-E	WETA/3094		
9223356009	MW-11	SM 4500-Cl-E	WETA/3094		
9223356010	MW-11D	SM 4500-Cl-E	WETA/3094		
9223356011	MW-12D	SM 4500-Cl-E	WETA/3094		
9223356012	SW-1	SM 4500-Cl-E	WETA/3094		
9223356013	FIELD BLANK	SM 4500-Cl-E	WETA/3094		
9223356001	MW-1	EPA 200.7	MPRP/2687	EPA 200.7	ICP/2558
9223356002	MW-1D	EPA 200.7	MPRP/2687	EPA 200.7	ICP/2558
9223356003	MW-2A	EPA 200.7	MPRP/2701	EPA 200.7	ICP/2573
9223356004	MW-2D	EPA 200.7	MPRP/2701	EPA 200.7	ICP/2573
9223356005	MW-3	EPA 200.7	MPRP/2701	EPA 200.7	ICP/2573
9223356006	MW-3D	EPA 200.7	MPRP/2701	EPA 200.7	ICP/2573
9223356007	MW-4	EPA 200.7	MPRP/2701	EPA 200.7	ICP/2573
9223356008	MW-4D	EPA 200.7	MPRP/2701	EPA 200.7	ICP/2573
9223356009	MW-11	EPA 200.7	MPRP/2701	EPA 200.7	ICP/2573
9223356010	MW-11D	EPA 200.7	MPRP/2701	EPA 200.7	ICP/2573
9223356011	MW-12D	EPA 200.7	MPRP/2701	EPA 200.7	ICP/2573
9223356012	SW-1	EPA 200.7	MPRP/2701	EPA 200.7	ICP/2573
9223356013	FIELD BLANK	EPA 200.7	MPRP/2701	EPA 200.7	ICP/2573
9223356001	MW-1	SM 2320B	WET/4847		
9223356002	MW-1D	SM 2320B	WET/4847		
9223356003	MW-2A	SM 2320B	WET/4847		
9223356004	MW-2D	SM 2320B	WET/4847		
9223356005	MW-3	SM 2320B	WET/4847		
9223356006	MW-3D	SM 2320B	WET/4847		
9223356007	MW-4	SM 2320B	WET/4847		
9223356008	MW-4D	SM 2320B	WET/4847		
9223356009	MW-11	SM 2320B	WET/4847		
9223356010	MW-11D	SM 2320B	WET/4847		
9223356011	MW-12D	SM 2320B	WET/4847		
9223356012	SW-1	SM 2320B	WET/4847		
9223356013	FIELD BLANK	SM 2320B	WET/4847		

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