Duke Energy®

Fac/Perm/Co ID #	Date	Doc ID#
6004	8/26/11	DIN 14962

CORPORATE EHS SERVICES

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

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

February 5, 2009

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

RECEIVED FEB 10 2009 SOLID WASTE SECTION

Subject: Duke Energy Carolinas – McGuire Nuclear Station
Lined 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 lined landfill (Permit # 60-04). Semi-annual groundwater sampling for the landfill occurred on December 29, 2008.

Groundwater contours are shown on the attached Figure 1 – Landfill #2 Monitoring Well Locations. Groundwater flow at the site is predominantly to the west-northwest. Please note that for the third consecutive period due to drought conditions, there was insufficient volume in wells MW-5, MW-7 and MW-9 for sample collection. Groundwater elevations range from 3 to 7.0 feet below historic averages (since 1992) for this site.

Groundwater elevations, pH, specific conductance, temperature and laboratory results for the sampled wells are tabled in the Groundwater Monitoring Report, Table 1. Table 2 summarizes radiological sampling results for the same wells.

In general, groundwater analytical results were very similar to those previously reported. All parameters, except for pH, were within the limits of the groundwater standards. Values for pH were at or below the NCAC 2L standard of 6.5 SU at monitoring wells MW-5A, MW-6, MW-6A, MW-7A, MW-9A and MW-10A. This trend continues as pH has commonly been below the groundwater standard of 6.5 units. The generally low pH is likely attributable to Piedmont soil characteristics.

In addition to the monitoring well sampling, landfill leachate and surface water samples were also collected and analyzed. No sampling parameters were detected in excess or out-of-range of 2L standards from any of these locations, with the exception of SW-1 where the pH was 6.3 SU.

Analytical results for all volatile organic compounds were below the laboratory reporting limits. TPH-DRO (Diesel Range Organics) was also analyzed with all results below 150 ppb.

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

Based on groundwater chemistry data from monitoring wells, groundwater quality remains similar to historical data and it appears the landfill is not impacting surrounding groundwater resources.

The next sampling event scheduled for this landfill will be in June 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

bc w/att: Robert Sapp (MG01EM)
Changfuh Lan (EC07F)
J.A. Stowe
D.E.M. Sullivan
Andy Tinsley

Record Number: 497585

DUKE ENERGY
GROUNDWATER MONITORING REPORT

Facility: McGuire Nuclear Station - Synthetically Lined Solid Waste Landfill No.2 - Permit No. 60-04
Sample Date: December 29, 2008 (Field and Geochemistry Data)

Certificate Codes:

Duke Power Lab #248
Duke Power Field #5193
Pace Lab #12

Parameter	SW ID	Units	Certificate Code	Monitoring Well Identification							SWSL	15A NCAC 2L MCL*
				6004-MW-5	6004-MW-5A	6004-MW-6	6004-MW-6A	6004-MW-7	6004-MW-7A	6004-MW-8		
Field pH	320	Std. Units	5193	NS	6.2	5.9	5.5	NS	6.5	6.7		6.5-8.5
Field Spec. Cond.	323	umho/cm	5193	NS	59	122	59	NS	109	144		
Temperature	325	C	5193	NS	16	16	16	NS	15	16		
Top Casing	328	msl-feet		768.31	768.42	728.45	728.98	725.86	724.66	759.60		
Depth to Water	318	feet		62.89	65.48	31.82	31.03	37.30	35.59	66.46		
Water Elevation	319	msl-feet		705.42	702.94	696.63	697.95	688.56	689.07	693.14		
Well Depth	41	feet		63.90	96.00	37.20	47.90	37.30	59.40	71.50		
Arsenic	14	ug/L	12	NS	5.0 U	5.0 U	5.0 U	NS	5.0 U	5.0 U	10	50
Barium	15	ug/L	12	NS	25	41	43	NS	4.5 J	19	100	2000
Cadmium	34	ug/L	12	NS	1.0 U	1.0 U	1.0 U	NS	1.0 U	1.0 U	1.0	1.75
Chloride	301	ug/L	12	NS	24200	12900	6130	NS	5000 U	5000 U	NE	250000
Chromium	51	ug/L	12	NS	0.51 J	2.0 J	0.55 J	NS	0.56 J	0.46 J	10	50
Lead	131	ug/L	12	NS	5.0 U	5.0 U	5.0 U	NS	5.0 U	5.0 U	10	15
Mercury	132	ug/L	12	NS	0.20 U	0.20 U	0.20 U	NS	0.20 U	0.20 U	0.20	1.05
Selenium	183	ug/L	12	NS	10 U	10 U	10 U	NS	10 U	10 U	10	50
Silver	184	ug/L	12	NS	0.24 J	0.12 J	5.0 U	NS	0.10 J	0.28 J	10	17.5
Sulfate	315	ug/L	12	NS	5000 U	5000 U	5000 U	NS	5000 U	5000 U	250000	250000
DRO		ug/L	12	NS	140	89 J	81 J	NS	100 J	110 J	NE	
VOC's **		ug/L	12	NS	RL U	RL U	RL U	NS	RL U	RL U	Varies	Varies
Acetone	3	ug/L	12	NS	RL U	RL U	RL U	NS	RL U	RL U	100.00	700
Toluene	196	ug/L	12	NS	RL U	RL U	RL U	NS	RL U	RL U	1	1000

*** Maximum Contaminant Level (MCL)**
**** All EPA method 8260 compounds not specifically listed were less than laboratory reporting limits.**
NS - No Sample - Insufficient volume in well to collect samples.
NE - Not Established
U - Less Than Reporting Limit
J - Estimated value between the Reporting Limit and the MDL
RL - Reporting Limit

Facility: McGuire Nuclear Station - Synthetically Lined Solid Waste Landfill No.2 - Permit No. 60-04
Sample Date: December 29, 2008 (Field and Geochemistry Data)

Certificate Codes:

Duke Power Lab #248
Duke Power Field #5193
Pace Lab #12

Parameter	SW ID	Units	Certificate Code	Monitoring Well Identification							FIELD BLANK	SWSL	15A NCAC 2L MCL*
				6004-MW-8A	6004-MW-9	6004-MW-9A	6004-MW-10A	6004-Leachate	6004-SW-1	6004-SW-2			
Field pH	320	Std. Units	5193	6.8	NS	6.3	5.5	7.4	6.3	6.8			6.5-8.5
Field Spec. Cond.	323	umho/cm	5193	88	NS	97	34	889	115	110			
Temperature	325	C	5193	16	NS	17	16	13	13	13			
Top Casing	328	msl-feet		759.68	711.87	712.13	755.78						
Depth to Water	318	feet		65.39	27.78	28.25	53.06						
Water Elevation	319	msl-feet		694.29	684.09	683.88	702.72						
Well Depth	41	feet		84.40	30.80	47.80	59.23						
Arsenic	14	ug/l	12	5.0 U	NS	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10	50
Barium	15	ug/l	12	22	NS	9.1	25	61	49	23	0.24 J	100	2000
Cadmium	34	ug/l	12	1.0 U	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.75
Chloride	301	ug/l	12	5000 U	NS	5000 U	5000 U	29800	5000 U	5000 U	5000 U	NE	250000
Chromium	51	ug/l	12	0.72 J	NS	1.3 J	0.65 J	5.0 U	0.69 J	5.0 U	5.0 U	10	50
Lead	131	ug/l	12	5.0 U	NS	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10	15
Mercury	132	ug/l	12	0.20 U	NS	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20	1.05
Selenium	183	ug/l	12	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10	50
Silver	184	ug/l	12	0.13 J	NS	0.22 J	5.0 U	0.27 J	0.19 J	0.10 J	5.0 U	10	17.5
Sulfate	315	ug/l	12	5000 U	NS	5000 U	5000 U	175000	5000 U	5000 U	5000 U	250000	250000
DRO		ug/l	12	130	NS	140	92 J	84 J	120 U	110 U	100 U	NE	
VOC's **		ug/L	12	RL U	NS	RL U	RL U	RL U	RL U	RL U	RL U	Varies	Varies
Acetone	3	ug/L	12	RL U	NS	RL U	RL U	RL U	2.7 J	2.6 J	5.6 J	100.00	700
Toluene	196	ug/L	12	RL U	NS	RL U	RL U	RL U	0.98 J	RL U	RL U	1	1000

*** Maximum Contaminant Level (MCL)**
**** All EPA method 8260 compounds not specifically listed were less than laboratory reporting limits.**
NS - No Sample - Insufficient volume in well to collect samples.
NE - Not Established
U - Less Than Reporting Limit
U1 - Less Than Reporting Limit (Dilution Required Due To Matrix Interference)
J - Estimated value between the Reporting Limit and the MDL
RL - Reporting Limit

DUKE ENERGY
GROUNDWATER MONITORING REPORT

January 26, 2009
Table 2

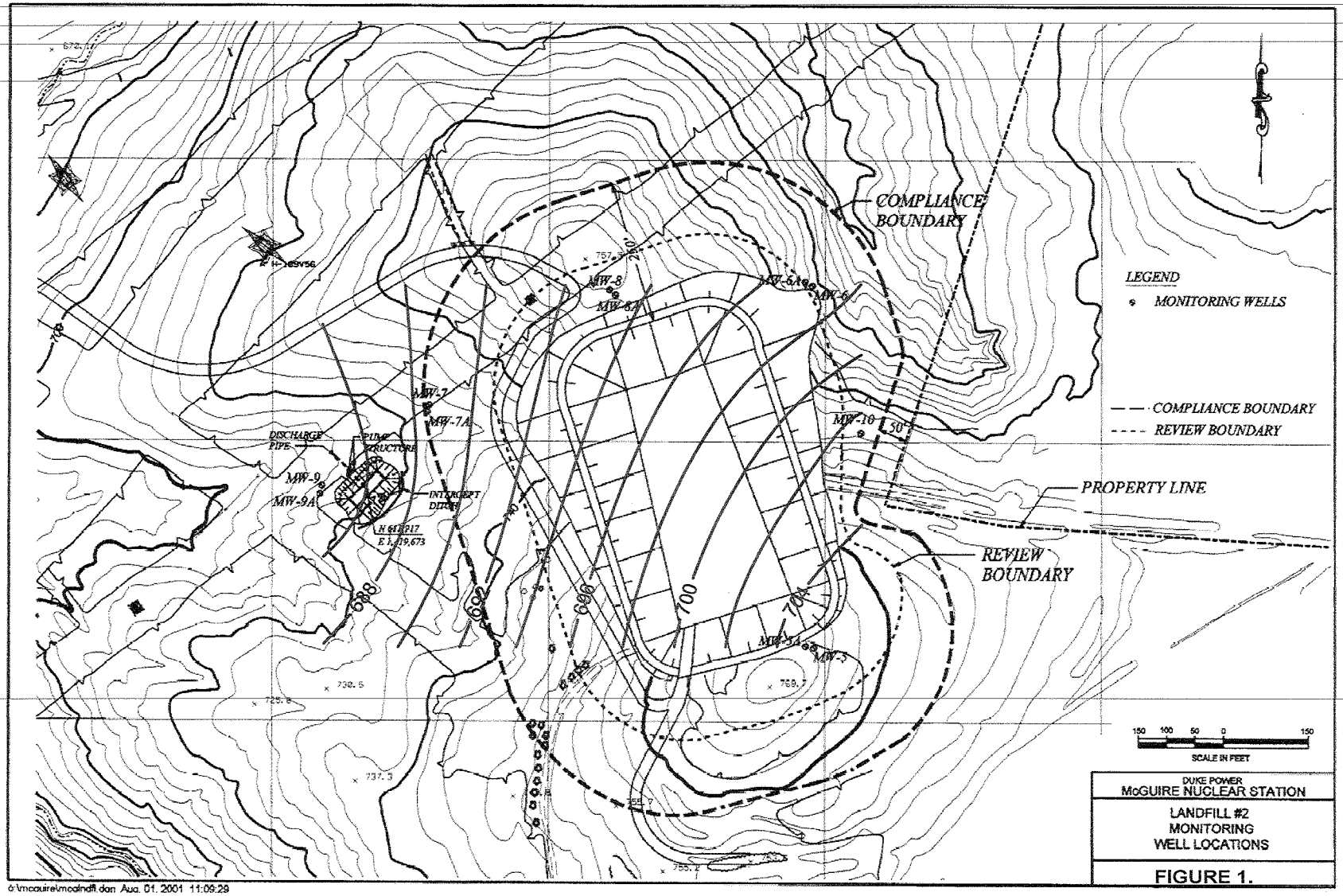
Facility: McGuire Nuclear Station Synthetically Lined Solid Waste Landfill No.2 - Permit No. 60-04
Sample Date: December 29, 2008 (Radiological Data)

Certificate Codes:

Duke Power Lab #248

Parameter	Units	Certificate Code	Monitoring Well Identification											Leachate Pond	Surface Water 1	Surface Water 2
			MW-5	MW-5A	MW-6	MW-6A	MW-7	MW-7A	MW-8	MW-8A	MW-9	MW-9A	MW-10A			
ALPHA	pCi/l	248	NS	< -0.0493	< 0.102	< 0.088	NS	< 0.0509	< -0.00499	< -0.105	NS	< 0.000317	< -0.133	1.920	< -0.062	0.627
BALA140	pCi/l	248	NS	< 7.989	< 4.805	< 14.87	NS	< 4.870	< 4.236	< 5.997	NS	< 4.823	< 4.912	< 5.656	< 6.597	< 7.488
BE7	pCi/l	248	NS	< 42.93	< 26.19	< 45.19	NS	< 31.26	< 27.76	< 35.94	NS	< 43.47	< 45.47	< 21.60	< 42.49	< 63.82
BETA	pCi/l	248	NS	0.76	0.940	< 0.596	NS	< 0.469	0.872	0.650	NS	< -0.057	1.24	15.70	1.40	0.971
CO58	pCi/l	248	NS	< 6.150	< 3.503	< 5.175	NS	< 3.395	< 2.926	< 3.978	NS	< 5.041	< 3.885	< 3.328	< 5.110	< 6.305
CO60	pCi/l	248	NS	< 4.977	< 3.535	< 9.363	NS	< 4.148	< 4.041	< 4.300	NS	< 5.712	< 4.711	< 3.367	< 4.805	< 11.74
CS134	pCi/l	248	NS	< 4.758	< 3.490	< 5.477	NS	< 3.445	< 3.279	< 3.864	NS	< 4.607	< 3.779	< 3.165	< 5.271	< 5.745
CS137	pCi/l	248	NS	< 4.305	< 3.829	< 7.782	NS	< 4.448	< 3.442	< 4.307	NS	< 4.473	< 3.516	< 3.583	< 5.933	< 7.932
FE59	pCi/l	248	NS	< 9.293	< 6.874	< 10.54	NS	< 7.022	< 6.481	< 8.145	NS	< 7.346	< 12.40	< 6.611	< 11.95	< 11.34
H3	pCi/l	248	NS	< -0.0133	< 0.00	< -118	NS	< -10.6	< 23.3	< -151	NS	< -83.4	< 81.2	172.0	< 81.0	< -84.2
I131	pCi/l	248	NS	< 5.445	< 3.838	< 6.647	NS	< 4.424	< 3.055	< 4.492	NS	< 4.240	< 4.215	< 3.317	< 5.821	< 7.077
K40	pCi/l	248	NS	97.01	88.03	< 113.7	NS	133.4	49.32	61.13	NS	69.99	63.14	54.36	19.66	< 159.0
MN54	pCi/l	248	NS	< 4.966	< 3.471	< 8.578	NS	< 3.729	< 3.758	< 4.498	NS	< 5.014	< 5.441	< 3.379	< 4.840	< 7.437
NB95	pCi/l	248	NS	< 4.538	< 3.997	< 9.412	NS	< 4.475	< 3.787	< 4.966	NS	< 4.951	< 5.974	< 3.105	< 5.671	< 7.760
ZN65	pCi/l	248	NS	< 9.661	< 8.188	< 6.671	NS	< 8.884	< 9.727	< 8.281	NS	< 9.201	< 9.423	< 7.497	< 9.224	< 7.354
ZR95	pCi/l	248	NS	< 8.346	< 5.953	< 10.89	NS	< 5.782	< 7.013	< 6.489	NS	< 8.014	< 8.201	< 5.894	< 8.629	< 14.16

NS - Not Sampled / Insufficient Volume In Well



Groundwater contours generated from water elevation measurements made on December 29, 2008 at monitoring wells MW5, MW6, MW7, MW8, MW9, MW10A.

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 Synthetically Lined Solid Waste Landfill	Off SR 2133 Mecklenburg County, NC	60-04	.0500	December 29, 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 Principal Env. Specialist (980) 373-7892

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

Christopher D Hallman 2-5-09

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/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) 875-5038

Analytical Laboratory Use Only

LIMS # 08-DEC-0102 | Sample Class GWATER | Samples Originating From NC ✓ SC ___

Logged By VAS | Date & Time 12/4/08 6:30

SAMPLE PROGRAM: Ground Water ✓ ; NPDES ___ ; Drinking Water ___ ; UST ___ ; RCRA Waste ___

Vendor [redacted]

PO # PACE PO# ISWO1.341

Cooler Temp (C)

MR #

[19]Page 1 of 1

DISTRIBUTION
ORIGINAL to LAB,
COPY to CLIENT

9235210

Customer must Complete

1)Project Name: MNS LANDFILL 2 | 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

Customer to complete all appropriate NON-SHADED areas.

Customer to complete appropriate columns to right

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

[16]Analyses Required

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's	ALK, SO4, Cl	GeLi, Gross A & B	Tritium	Hg	METALS - (Ag, As, Ba, Ca Cd, Cr, K, Mg, Na, Pb, Se)	8015 / 3520 DRO for TPH	Chlorine (ppm)	[20]Total # of Containers	
								1, 4	4	3	5	3	3	4			
28034013		TRIP BLANK	12/29/08	0500	ED Lill		X	3							n/a	3	001
~~28034014~~		MW-5 NO SAMPLE - VOC					~~X~~	~~3~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~		~~9~~	
28034015	17	MW-5A	12/29/08	0815	ED Lill		X	3	1	1	1	1	1	1	~~0~~	9	002
28034016	18	MW-6	12/29/08	0925	Ron Nila		X	3	1	1	1	1	1	1	~~0~~	9	003
28034017	19	MW-6A	12/29/08	0945	Ron Nila		X	3	1	1	1	1	1	1	~~0~~	9	004
~~28034018~~		MW-7 NO SAMPLE - VOC					~~X~~	~~3~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~		~~9~~	
28034019	21	MW-7A	12/29/08	0945	ED Lill		X	3	1	1	1	1	1	1	~~0~~	9	005
28034020	22	MW-8	12/29/08	1215	Ron Nila		X	3	1	1	1	1	1	1	~~0~~	9	006
28034021	23	MW-8A	12/29/08	1120	ED Lill		X	3	1	1	1	1	1	1	~~0~~	9	007
~~28034022~~		MW-9 No Sample (Rcw)					~~X~~	~~3~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~		~~9~~	
28034023	25	MW-9A	12/29/08	1100	Ron Nila		X	3	1	1	1	1	1	1	~~0~~	9	008
28034024	26	MW-10A	12/29/08	0800	Ron Nila		X	3	1	1	1	1	1	1	~~0~~	9	009

Customer to sign & date below

	Date/Time		Date/Time
21)Relinquished By: [signature]	12/29/08 1355	Accepted By: [signature]	12/29/08 13:56
Relinquished By: [signature]	12/30/8 13:56	Accepted By: [signature] pace clt	12-30-08 1356
Relinquished By: [signature] pace clt	12-30-08 15:34	Accepted By:	
23)Seal/Locked By		Sealed/Lock Opened By	12/30/08 1539

24)Comments: INSUFFICIENT VOL TO COLLECT SAMPLES FOR MW5, MW7

SPECIAL NOTE: DO NOT VENDOR THE VOC ANALYSES

Customer, Important: please indicate desired turnaround

[22]Requested Turnaround
14 Days ✓ (T/11)
*7 Days ___
*48 Hr ___
*Other ___
* Add. Cost Will Apply

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) 87

Analytical Laboratory Use Only

LIMS # 08-DEC-0102 | Sample Class GWATER | Samples Originating From NC ✓ SC ___

Logged By VAS | Date & Time 12/4/08 6:30

SAMPLE PROGRAM: Ground Water ✓ · NPDES ___ Drinking Water ___ UST ___ RCRA Waste ___

Vendor [redacted]

Cooler Temp (C)

PO # PACE PO# ISWO1.341

MR #

[19]Page 1 of 1
DISTRIBUTION
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Customer must Complete

1)Project Name: MNS LANDFILL 2 | 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 Date	Time	Signature	[17]Comp.	[18]Grab	VOC's (1,4)	ALK, SO4, Cl (4)		GeLl, Gross A & B (3)	Tritium (5)	Hg (3)	METALS - (Ag, As, Ba, Ca, Cd, Cr, K, Mg, Na, Pb, Se) (3)		8015 / 3520 DRO for TPH (4)		Chlorine (ppm)	[20]Total # of Containers	
28034028		SW-1	12/29/08	1245	ZD		X	3	1		1	1	1	1		1		~~0~~	9	010
28034030		SW-2	12/29/08	1215	ZD		X	3	1		1	1	1	1		1		~~0~~	9	011
28034032		LEACHATE POND	12/29/08	1010	ZD		X	3	1		1	1	1	1		1		~~0~~	9	012
28034034		QC - DAY 1 (WELL # MW-5A)	12/29/08	0815	ZD		X									1		~~0~~	1	013
~~28034035~~		QC - DAY 2 (WELL # ___ NO	SAMPLE		—		X									1				
28034037		FIELD BLANK	12/29/08	1310	RW		X	3	1				1	1		1		n/a	7	014

Customer to sign & date below

21)Relinquished By: [signature]	Date/Time 12/29/08 1355	Accepted By: [signature]	Date/Time 12/29/8 13:55
Relinquished By: [signature]	Date/Time 12/30/08 13:50	Accepted By: [signature] pace clt	Date/Time 12-30-08 13:56
Relinquished By: [signature] pace clt	Date/Time 12-30-08 15:34	Accepted By:	Date/Time
23)Seal/Locked By	Date/Time	Sealed/Locked/Opened By [signature]	Date/Time 12/30/08 1534

24)Comments

SPECIAL NOTE: DO NOT VENDOR THE VOC ANALYSES

Customer, important please indicate desired turnaround

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

Duke Energy®
Rev 02-18-08

Analytical Laboratory
13339 Hagers Ferry Road
Huntersville, NC 28078-7929
McGuire Nuclear Complex – MG03A2
Phone: 704-875-5245 Fax: 704-875-4349

Job Summary Report

Job Number:	**08-DEC-0102**
Project Name:	MNS Landfill 2
Customer Name:	Chuck Campbell // Tim Hunsucker
Copy To:	
Customer Address:	MNS
Lab Contact:	Rodney G. Wike
Lab Contact Phone:	704-875-5186

Report Authorized By: (Printed Name) Rodney G. Wike

Report Authorized By: (Signature) Rodney G. Wike Date: 02/22/09

Data Package

This data package includes analytical results that are applicable only to the samples described in this narrative. An estimation of the uncertainty of measurement for the results in the report is available upon request. This report shall not be reproduced, except in full, without the written consent of the Analytical Laboratory. Please contact the Analytical Laboratory with any questions. The order of individual sections within this report is as follows:

Job Summary Report
Analytical Laboratory Certificate of Analysis
Analytical Laboratory QC Reports (if applicable)
Sub-contracted Laboratory Results
Customer Specific Data Sheets, Reports & Documentation (if applicable)
Customer Database Entries
Test Case Narratives
Chain of Custody (COC)

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Job Summary Report

Certification

The Analytical Laboratory holds the following Certifications:

New York State Department of Health Certification # 11717(NELAC)
North Carolina Department of Health & Human Services Certification # 37804
South Carolina (DHEC) Laboratory ID # 99005
North Carolina (DENR) Certification # 248

Analytical results listed in this report may not be certified by the authorities referenced above. Contact the Analytical Laboratory for definitive information about the certification status of specific methods. The results meet all requirements of NELAC except where deviations are noted in this report.

Data Flags

Any analytical tests or individual analytes within a test flagged with an "X" or a "1" indicate a deviation from the method quality system or quality control requirement.

Calculations

All results are reported on a wet weight basis unless otherwise noted.

Sample ID's & Descriptions:

Sample ID	Plant/Station	Collection Date	Collected By	Sample Description
28034013	MCGUIRE	12/29/2008	LD CAMPBELL	TRIP BLANK
28034017	MCGUIRE	12/29/2008	LD CAMPBELL	MW-5A
28034018	MCGUIRE	12/29/2008	ROBERT WOLFE	MW-6
28034019	MCGUIRE	12/29/2008	ROBERT WOLFE	MW-6A
28034021	MCGUIRE	12/29/2008	LD CAMPBELL	MW-7A
28034022	MCGUIRE	12/29/2008	ROBERT WOLFE	MW-8
28034023	MCGUIRE	12/29/2008	LD CAMPBELL	MW-8A
28034025	MCGUIRE	12/29/2008	ROBERT WOLFE	MW-9A
28034026	MCGUIRE	12/29/2008	ROBERT WOLFE	MW-10A
28034028	MCGUIRE	12/29/2008	LD CAMPBELL	SW-1
28034030	MCGUIRE	12/29/2008	LD CAMPBELL	SW-2
28034032	MCGUIRE	12/29/2008	LD CAMPBELL	LEACHATE POND
28034034	MCGUIRE	12/29/2008	LD CAMPBELL	QC - DAY 1 (WELL# MW-5A)
28034037	MCGUIRE	12/29/2008	ROBERT WOLFE	FIELD BLANK

14 TOTAL SAMPLES

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Job Summary Report

Validation of Analytical Data Package

i)	COC and .pdf report are in agreement with sample totals and analyses (compliance programs and procedures).	☑ Yes	☐ No
ii)	All results are less than the laboratory reporting limits.	☐ Yes	☑ No
iii)	All laboratory QA/QC requirements are acceptable.	☑ Yes	☐ No
iv)	NPDES and TCLP results are below permit or regulatory limits respectively.	☐ Yes	☐ No

If **iv)** above is No, document below:

Variable	Result	Permit Limit	Notes

v)	Components of the Job Summary Report arranged in order stipulated on page one.	☐ Yes	☐ No

Indicate components included:

- ☑ Job Summary Report
- ☑ Analytical Laboratory Certificate of Analysis
- ☐ Analytical Laboratory QC Report (if applicable)
- ☐ Sub-contracted Laboratory Results
- ☐ Customer Specific Data Sheets, Reports & Documentation (if applicable)
- ☐ Customer Database Entries
- ☐ Test Case Narratives
- ☑ Chain of Custody

vi) Notes and Additional Information

NA=Not applicable

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(704)875-9092

January 30, 2009

Accounts Payable DPEHS
Duke Energy Carolinas, LLC
PO Box 37929
DPEHS
Charlotte, NC 28201

RE: Project: 08-DEC-0102
Pace Project No.: 9235210

Dear Accounts DPEHS:
Enclosed are the analytical results for sample(s) received by the laboratory on December 30, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

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

Sincerely,

Kevin Herring

kevin.herring@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 08-DEC-0102
Pace Project No.: 9235210

Charlotte Certification IDs

West Virginia Certification #: 357
Virginia Certification #: 00213
Tennessee Certification #: 04010
South Carolina Drinking Water Cert. #: 990060003
South Carolina Certification #: 990060001
Pennsylvania Certification #: 68-00784
North Carolina Wastewater Certification #: 12
North Carolina Field Services Certification #: 5342
North Carolina Drinking Water Certification #: 37706
New Jersey Certification #: NC012
Louisiana/LELAP Certification #: 04034
Kentucky UST Certification #: 84
Florida/NELAP Certification #: E87627
Connecticut Certification #: PH-0104

Asheville Certification IDs

West Virginia Certification #: 356
Virginia Certification #: 00072
Tennessee Certification #: 2980
South Carolina Certification #: 99030001
South Carolina Bioassay Certification #: 99030002
Pennsylvania Certification #: 68-03578
North Carolina Wastewater Certification #: 40
North Carolina Drinking Water Certification #: 37712
North Carolina Bioassay Certification #: 9
New Jersey Certification #: NC011
Massachusetts Certification #: M-NC030
Louisiana/LELAP Certification #: 03095
Florida/NELAP Certification #: E87648
Connecticut Certification #: PH-0106

Eden Certification IDs

Virginia Drinking Water Certification #: 00424
North Carolina Wastewater Certification #: 633
North Carolina Drinking Water Certification #: 37738

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SAMPLE SUMMARY

Project: 08-DEC-0102
Pace Project No.: 9235210

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9235210001	**TRIP BLANK/28034013**	Water	12/29/08 05:00	12/30/08 15:34
9235210002	**MW-5A/28034017**	Water	12/29/08 08:15	12/30/08 15:34
9235210003	**MW-6/28034018**	Water	12/29/08 09:25	12/30/08 15:34
9235210004	**MW-6A/28034019**	Water	12/29/08 09:45	12/30/08 15:34
9235210005	**MW-7A/28034021**	Water	12/29/08 09:45	12/30/08 15:34
9235210006	**MW-8/28034022**	Water	12/29/08 12:15	12/30/08 15:34
9235210007	**MW-8A/28034023**	Water	12/29/08 11:20	12/30/08 15:34
9235210008	**MW-9A/28034025**	Water	12/29/08 11:00	12/30/08 15:34
9235210009	**MW-10A/28034026**	Water	12/29/08 08:00	12/30/08 15:34
9235210010	**SW-1/28034028**	Water	12/29/08 12:45	12/30/08 15:34
9235210011	**SW-2/28034030**	Water	12/29/08 12:15	12/30/08 15:34
9235210012	**LEACHATE POND/28034032**	Water	12/29/08 10:10	12/30/08 15:34
9235210013	**QC-DAY 1 (MW-5A)/28034034**	Water	12/29/08 08:15	12/30/08 15:34
9235210014	**FIELD BLANK/28034037**	Water	12/29/08 13:10	12/30/08 15:34

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SAMPLE ANALYTE COUNT

Project: 08-DEC-0102
Pace Project No.: 9235210

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9235210001	TRIP BLANK/28034013	EPA 8260	MCK	63	PASI-C
9235210002	MW-5A/28034017	ASTM D516-90	TEE	1	PASI-A
		EPA 200.7	SHB	11	PASI-A
		EPA 245.1	EWS	1	PASI-A
		EPA 8015 Modified	JAC	2	PASI-C
		EPA 8260	MCK	63	PASI-C
		SM 2320B	TEE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
9235210003	MW-6/28034018	ASTM D516-90	TEE	1	PASI-A
		EPA 200.7	SHB	11	PASI-A
		EPA 245.1	EWS	1	PASI-A
		EPA 8015 Modified	JAC	2	PASI-C
		EPA 8260	AW	63	PASI-C
		SM 2320B	TEE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
9235210004	MW-6A/28034019	ASTM D516-90	TEE	1	PASI-A
		EPA 200.7	SHB	11	PASI-A
		EPA 245.1	EWS	1	PASI-A
		EPA 8015 Modified	JAC	2	PASI-C
		EPA 8260	AW	63	PASI-C
		SM 2320B	TEE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
9235210005	MW-7A/28034021	ASTM D516-90	TEE	1	PASI-A
		EPA 200.7	SHB	11	PASI-A
		EPA 245.1	EWS	1	PASI-A
		EPA 8015 Modified	JAC	2	PASI-C
		EPA 8260	AW	63	PASI-C
		SM 2320B	TEE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
9235210006	MW-8/28034022	ASTM D516-90	TEE	1	PASI-A
		EPA 200.7	SHB	11	PASI-A
		EPA 245.1	EWS	1	PASI-A
		EPA 8015 Modified	JAC	2	PASI-C
		EPA 8260	AW	63	PASI-C
		SM 2320B	TEE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
9235210007	MW-8A/28034023	ASTM D516-90	TEE	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: 08-DEC-0102
Pace Project No.: 9235210

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 200.7	SHB	11	PASI-A
		EPA 245.1	EWS	1	PASI-A
		EPA 8015 Modified	JAC	2	PASI-C
		EPA 8260	AW	63	PASI-C
		SM 2320B	TEE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
9235210008	MW-9A/28034025	ASTM D516-90	TEE	1	PASI-A
		EPA 200.7	SHB	11	PASI-A
		EPA 245.1	EWS	1	PASI-A
		EPA 8015 Modified	JAC	2	PASI-C
		EPA 8260	MCK	63	PASI-C
		SM 2320B	TEE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
9235210009	MW-10A/28034026	ASTM D516-90	TEE	1	PASI-A
		EPA 200.7	SHB	11	PASI-A
		EPA 245.1	EWS	1	PASI-A
		EPA 8015 Modified	JAC	2	PASI-C
		EPA 8260	MCK	63	PASI-C
		SM 2320B	TEE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
9235210010	SW-1/28034028	ASTM D516-90	TEE	1	PASI-A
		EPA 200.7	SHB	11	PASI-A
		EPA 245.1	EWS	1	PASI-A
		EPA 8015 Modified	JAC	2	PASI-C
		EPA 8260	MCK	63	PASI-C
		SM 2320B	TEE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
9235210011	SW-2/28034030	ASTM D516-90	TEE	1	PASI-A
		EPA 200.7	SHB	11	PASI-A
		EPA 245.1	EWS	1	PASI-A
		EPA 8015 Modified	JAC	2	PASI-C
		EPA 8260	MCK	63	PASI-C
		SM 2320B	TEE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
9235210012	LEACHATE POND/28034032	ASTM D516-90	TEE	1	PASI-A
		EPA 200.7	SHB	11	PASI-A
		EPA 245.1	EWS	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: 08-DEC-0102
Pace Project No.: 9235210

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8015 Modified	JAC	2	PASI-C
		EPA 8260	MCK	63	PASI-C
		SM 2320B	TEE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
9235210013	**QC-DAY 1 (MW-5A)/28034034**	EPA 8015 Modified	JAC	2	PASI-C
9235210014	**FIELD BLANK/28034037**	ASTM D516-90	TEE	1	PASI-A
		EPA 200.7	SHB	11	PASI-A
		EPA 245.1	EWS	1	PASI-A
		EPA 8015 Modified	JAC	2	PASI-C
		EPA 8260	MCK	63	PASI-C
		SM 2320B	TEE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: TRIP BLANK/28034013 **Lab ID: 9235210001** Collected: 12/29/08 05:00 Received: 12/30/08 15:34 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		01/06/09 18:11	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/06/09 18:11	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/06/09 18:11	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/06/09 18:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/06/09 18:11	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		01/06/09 18:11	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/06/09 18:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/06/09 18:11	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/06/09 18:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/06/09 18:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/06/09 18:11	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/06/09 18:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/06/09 18:11	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/06/09 18:11	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/06/09 18:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/06/09 18:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/06/09 18:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/06/09 18:11	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/06/09 18:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/06/09 18:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/06/09 18:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 18:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/06/09 18:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/06/09 18:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/06/09 18:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/06/09 18:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/06/09 18:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/06/09 18:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/06/09 18:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/06/09 18:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/06/09 18:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/06/09 18:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/06/09 18:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/06/09 18:11	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/06/09 18:11	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/06/09 18:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/06/09 18:11	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/06/09 18:11	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/06/09 18:11	99-87-6	
Methylene Chloride	**3.2**	ug/L	2.0	0.97	1		01/06/09 18:11	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/06/09 18:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/06/09 18:11	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/06/09 18:11	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/06/09 18:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/06/09 18:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/06/09 18:11	79-34-5	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: TRIP BLANK/28034013 **Lab ID: 9235210001** Collected: 12/29/08 05:00 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/06/09 18:11	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		01/06/09 18:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 18:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/06/09 18:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/06/09 18:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/06/09 18:11	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/06/09 18:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/06/09 18:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/06/09 18:11	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/06/09 18:11	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/06/09 18:11	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/06/09 18:11	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/06/09 18:11	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		01/06/09 18:11	460-00-4	
Dibromofluoromethane (S)	105	%	85-115		1		01/06/09 18:11	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	79-120		1		01/06/09 18:11	17060-07-0	
Toluene-d8 (S)	98	%	70-120		1		01/06/09 18:11	2037-26-5	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-5A/28034017 **Lab ID: 9235210002** Collected: 12/29/08 08:15 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	**0.14**	mg/L	0.10	0.063	1	01/02/09 07:00	01/04/09 18:15	68334-30-5	P2,S0
n-Pentacosane (S)	89	%	50-135		1	01/02/09 07:00	01/04/09 18:15	629-99-2	
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	12/31/08 14:15	01/07/09 15:06	7440-38-2	
Barium	**24.7**	ug/L	5.0	0.20	1	12/31/08 14:15	01/07/09 15:06	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	12/31/08 14:15	01/07/09 15:06	7440-43-9	
Calcium	**3320**	ug/L	100	27.0	1	12/31/08 14:15	01/07/09 15:06	7440-70-2	
Chromium	**0.51J**	ug/L	5.0	0.40	1	12/31/08 14:15	01/07/09 15:06	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	12/31/08 14:15	01/07/09 15:06	7439-92-1	
Magnesium	**1550**	ug/L	100	3.0	1	12/31/08 14:15	01/07/09 15:06	7439-95-4	
Potassium	**845J**	ug/L	5000	3.0	1	12/31/08 14:15	01/07/09 15:06	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	12/31/08 14:15	01/07/09 15:06	7782-49-2	
Silver	**0.24J**	ug/L	5.0	0.10	1	12/31/08 14:15	01/07/09 15:06	7440-22-4	
Sodium	**5320**	ug/L	5000	2.5	1	12/31/08 14:15	01/07/09 15:06	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	12/31/08 12:15	01/02/09 11:08	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		01/06/09 19:11	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/06/09 19:11	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/06/09 19:11	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/06/09 19:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/06/09 19:11	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		01/06/09 19:11	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/06/09 19:11	74-83-9	L2
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/06/09 19:11	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/06/09 19:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/06/09 19:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/06/09 19:11	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/06/09 19:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/06/09 19:11	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/06/09 19:11	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/06/09 19:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/06/09 19:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/06/09 19:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/06/09 19:11	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/06/09 19:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/06/09 19:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/06/09 19:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 19:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/06/09 19:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/06/09 19:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/06/09 19:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/06/09 19:11	75-35-4	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-5A/28034017 **Lab ID: 9235210002** Collected: 12/29/08 08:15 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/06/09 19:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/06/09 19:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/06/09 19:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/06/09 19:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/06/09 19:11	594-20-7	L1
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/06/09 19:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/06/09 19:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/06/09 19:11	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/06/09 19:11	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/06/09 19:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/06/09 19:11	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/06/09 19:11	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/06/09 19:11	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		01/06/09 19:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/06/09 19:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/06/09 19:11	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/06/09 19:11	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/06/09 19:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/06/09 19:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/06/09 19:11	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/06/09 19:11	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		01/06/09 19:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 19:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/06/09 19:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/06/09 19:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/06/09 19:11	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/06/09 19:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/06/09 19:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/06/09 19:11	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/06/09 19:11	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/06/09 19:11	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/06/09 19:11	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/06/09 19:11	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		01/06/09 19:11	460-00-4	
Dibromofluoromethane (S)	97	%	85-115		1		01/06/09 19:11	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	79-120		1		01/06/09 19:11	17060-07-0	
Toluene-d8 (S)	98	%	70-120		1		01/06/09 19:11	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**23400**	ug/L	5000	5000	1		01/06/09 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**24200**	ug/L	5000	5000	1		01/07/09 16:25	16887-00-6	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		01/06/09 20:15	14808-79-8	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-6/28034018 **Lab ID: 9235210003** Collected: 12/29/08 09:25 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	**0.089J**	mg/L	0.12	0.078	1	01/02/09 07:00	01/05/09 13:33	68334-30-5	P2,S0
n-Pentacosane (S)	81	%	50-135		1	01/02/09 07:00	01/05/09 13:33	629-99-2	
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	12/31/08 14:15	01/07/09 15:20	7440-38-2	
Barium	**41.2**	ug/L	5.0	0.20	1	12/31/08 14:15	01/07/09 15:20	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	12/31/08 14:15	01/07/09 15:20	7440-43-9	
Calcium	**12200**	ug/L	100	27.0	1	12/31/08 14:15	01/07/09 15:20	7440-70-2	
Chromium	**2.0J**	ug/L	5.0	0.40	1	12/31/08 14:15	01/07/09 15:20	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	12/31/08 14:15	01/07/09 15:20	7439-92-1	
Magnesium	**4370**	ug/L	100	3.0	1	12/31/08 14:15	01/07/09 15:20	7439-95-4	
Potassium	**609J**	ug/L	5000	3.0	1	12/31/08 14:15	01/07/09 15:20	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	12/31/08 14:15	01/07/09 15:20	7782-49-2	
Silver	**0.12J**	ug/L	5.0	0.10	1	12/31/08 14:15	01/07/09 15:20	7440-22-4	
Sodium	**4510J**	ug/L	5000	2.5	1	12/31/08 14:15	01/07/09 15:20	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	12/31/08 12:15	01/02/09 11:12	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		01/11/09 03:54	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/11/09 03:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/11/09 03:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/11/09 03:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/11/09 03:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		01/11/09 03:54	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/11/09 03:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/11/09 03:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/11/09 03:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/11/09 03:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/11/09 03:54	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/11/09 03:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/11/09 03:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/11/09 03:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/11/09 03:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/11/09 03:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/11/09 03:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/11/09 03:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/11/09 03:54	74-95-3	L1
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/11/09 03:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/11/09 03:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/11/09 03:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/11/09 03:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/11/09 03:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/11/09 03:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/11/09 03:54	75-35-4	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-6/28034018 **Lab ID: 9235210003** Collected: 12/29/08 09:25 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/11/09 03:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/11/09 03:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/11/09 03:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/11/09 03:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/11/09 03:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/11/09 03:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/11/09 03:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/11/09 03:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/11/09 03:54	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/11/09 03:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/11/09 03:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/11/09 03:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/11/09 03:54	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		01/11/09 03:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/11/09 03:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/11/09 03:54	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/11/09 03:54	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/11/09 03:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/11/09 03:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/11/09 03:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/11/09 03:54	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		01/11/09 03:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/11/09 03:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/11/09 03:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/11/09 03:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/11/09 03:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/11/09 03:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/11/09 03:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/11/09 03:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/11/09 03:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/11/09 03:54	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/11/09 03:54	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/11/09 03:54	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		01/11/09 03:54	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		01/11/09 03:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	79-120		1		01/11/09 03:54	17060-07-0	
Toluene-d8 (S)	125	%	70-120		1		01/11/09 03:54	2037-26-5	S0
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**38700**	ug/L	5000	5000	1		01/06/09 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**12900**	ug/L	5000	5000	1		01/07/09 16:25	16887-00-6	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		01/06/09 20:18	14808-79-8	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-6A/28034019 **Lab ID: 9235210004** Collected: 12/29/08 09:45 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	**0.081J**	mg/L	0.10	0.063	1	01/02/09 07:00	01/04/09 18:44	68334-30-5	P2,S0
n-Pentacosane (S)	68	%	50-135		1	01/02/09 07:00	01/04/09 18:44	629-99-2	
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	12/31/08 14:15	01/07/09 13:19	7440-38-2	
Barium	**42.5**	ug/L	5.0	0.20	1	12/31/08 14:15	01/07/09 13:19	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	12/31/08 14:15	01/07/09 13:19	7440-43-9	
Calcium	**4700**	ug/L	100	27.0	1	12/31/08 14:15	01/07/09 13:19	7440-70-2	
Chromium	**0.55J**	ug/L	5.0	0.40	1	12/31/08 14:15	01/07/09 13:19	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	12/31/08 14:15	01/07/09 13:19	7439-92-1	
Magnesium	**1440**	ug/L	100	3.0	1	12/31/08 14:15	01/07/09 13:19	7439-95-4	
Potassium	**189J**	ug/L	5000	3.0	1	12/31/08 14:15	01/07/09 13:19	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	12/31/08 14:15	01/07/09 13:19	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	12/31/08 14:15	01/07/09 13:19	7440-22-4	
Sodium	**2230J**	ug/L	5000	2.5	1	12/31/08 14:15	01/07/09 13:19	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	12/31/08 12:15	01/02/09 11:14	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		01/11/09 04:18	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/11/09 04:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/11/09 04:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/11/09 04:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/11/09 04:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		01/11/09 04:18	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/11/09 04:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/11/09 04:18	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/11/09 04:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/11/09 04:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/11/09 04:18	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/11/09 04:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/11/09 04:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/11/09 04:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/11/09 04:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/11/09 04:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/11/09 04:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/11/09 04:18	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/11/09 04:18	74-95-3	L1
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/11/09 04:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/11/09 04:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/11/09 04:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/11/09 04:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/11/09 04:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/11/09 04:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/11/09 04:18	75-35-4	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-6A/28034019 **Lab ID: 9235210004** Collected: 12/29/08 09:45 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/11/09 04:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/11/09 04:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/11/09 04:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/11/09 04:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/11/09 04:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/11/09 04:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/11/09 04:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/11/09 04:18	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/11/09 04:18	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/11/09 04:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/11/09 04:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/11/09 04:18	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/11/09 04:18	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		01/11/09 04:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/11/09 04:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/11/09 04:18	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/11/09 04:18	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/11/09 04:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/11/09 04:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/11/09 04:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/11/09 04:18	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		01/11/09 04:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/11/09 04:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/11/09 04:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/11/09 04:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/11/09 04:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/11/09 04:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/11/09 04:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/11/09 04:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/11/09 04:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/11/09 04:18	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/11/09 04:18	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/11/09 04:18	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		01/11/09 04:18	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		01/11/09 04:18	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	79-120		1		01/11/09 04:18	17060-07-0	
Toluene-d8 (S)	87	%	70-120		1		01/11/09 04:18	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**17400**	ug/L	5000	5000	1		01/06/09 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**6130**	ug/L	5000	5000	1		01/07/09 16:27	16887-00-6	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		01/06/09 20:18	14808-79-8	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-7A/28034021 **Lab ID: 9235210005** Collected: 12/29/08 09:45 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	ND	mg/L	0.10	0.063	1	01/02/09 07:00	01/05/09 14:01	68334-30-5	P2
n-Pentacosane (S)	34	%	50-135		1	01/02/09 07:00	01/05/09 14:01	629-99-2	S0
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	12/31/08 14:15	01/07/09 15:24	7440-38-2	
Barium	**4.5J**	ug/L	5.0	0.20	1	12/31/08 14:15	01/07/09 15:24	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	12/31/08 14:15	01/07/09 15:24	7440-43-9	
Calcium	**14000**	ug/L	100	27.0	1	12/31/08 14:15	01/07/09 15:24	7440-70-2	
Chromium	**0.56J**	ug/L	5.0	0.40	1	12/31/08 14:15	01/07/09 15:24	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	12/31/08 14:15	01/07/09 15:24	7439-92-1	
Magnesium	**3050**	ug/L	100	3.0	1	12/31/08 14:15	01/07/09 15:24	7439-95-4	
Potassium	**418J**	ug/L	5000	3.0	1	12/31/08 14:15	01/07/09 15:24	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	12/31/08 14:15	01/07/09 15:24	7782-49-2	
Silver	**0.10J**	ug/L	5.0	0.10	1	12/31/08 14:15	01/07/09 15:24	7440-22-4	
Sodium	**3860J**	ug/L	5000	2.5	1	12/31/08 14:15	01/07/09 15:24	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	12/31/08 12:15	01/02/09 11:17	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		01/08/09 18:27	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/08/09 18:27	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/08/09 18:27	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/08/09 18:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/08/09 18:27	75-27-4	L2
Bromoform	ND	ug/L	1.0	0.26	1		01/08/09 18:27	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/08/09 18:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/08/09 18:27	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/08/09 18:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/08/09 18:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/08/09 18:27	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/08/09 18:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/08/09 18:27	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/08/09 18:27	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/08/09 18:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/08/09 18:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/08/09 18:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/08/09 18:27	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/08/09 18:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/08/09 18:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/08/09 18:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/08/09 18:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/08/09 18:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/08/09 18:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/08/09 18:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/08/09 18:27	75-35-4	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-7A/28034021 **Lab ID: 9235210005** Collected: 12/29/08 09:45 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/08/09 18:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/08/09 18:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/08/09 18:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/08/09 18:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/08/09 18:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/08/09 18:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/08/09 18:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/08/09 18:27	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/08/09 18:27	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/08/09 18:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/08/09 18:27	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/08/09 18:27	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/08/09 18:27	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		01/08/09 18:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/08/09 18:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/08/09 18:27	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/08/09 18:27	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/08/09 18:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/08/09 18:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/08/09 18:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/08/09 18:27	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		01/08/09 18:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/08/09 18:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/08/09 18:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/08/09 18:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/08/09 18:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/08/09 18:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/08/09 18:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/08/09 18:27	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/08/09 18:27	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/08/09 18:27	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/08/09 18:27	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/08/09 18:27	95-47-6	
4-Bromofluorobenzene (S)	95	%	87-109		1		01/08/09 18:27	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		01/08/09 18:27	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	79-120		1		01/08/09 18:27	17060-07-0	
Toluene-d8 (S)	100	%	70-120		1		01/08/09 18:27	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**55500**	ug/L	5000	5000	1		01/06/09 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		01/07/09 16:27	16887-00-6	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		01/06/09 20:21	14808-79-8	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-8/28034022 **Lab ID: 9235210006** Collected: 12/29/08 12:15 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	**0.11J**	mg/L	0.13	0.078	1	01/02/09 07:00	01/04/09 19:12	68334-30-5	P2,S0
n-Pentacosane (S)	84	%	50-135		1	01/02/09 07:00	01/04/09 19:12	629-99-2	
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	12/31/08 14:15	01/07/09 13:23	7440-38-2	
Barium	**18.6**	ug/L	5.0	0.20	1	12/31/08 14:15	01/07/09 13:23	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	12/31/08 14:15	01/07/09 13:23	7440-43-9	
Calcium	**14100**	ug/L	100	27.0	1	12/31/08 14:15	01/07/09 13:23	7440-70-2	
Chromium	**0.46J**	ug/L	5.0	0.40	1	12/31/08 14:15	01/07/09 13:23	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	12/31/08 14:15	01/07/09 13:23	7439-92-1	
Magnesium	**3080**	ug/L	100	3.0	1	12/31/08 14:15	01/07/09 13:23	7439-95-4	
Potassium	**835J**	ug/L	5000	3.0	1	12/31/08 14:15	01/07/09 13:23	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	12/31/08 14:15	01/07/09 13:23	7782-49-2	
Silver	**0.28J**	ug/L	5.0	0.10	1	12/31/08 14:15	01/07/09 13:23	7440-22-4	
Sodium	**5590**	ug/L	5000	2.5	1	12/31/08 14:15	01/07/09 13:23	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	12/31/08 12:15	01/02/09 11:19	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		01/08/09 18:51	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/08/09 18:51	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/08/09 18:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/08/09 18:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/08/09 18:51	75-27-4	L2
Bromoform	ND	ug/L	1.0	0.26	1		01/08/09 18:51	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/08/09 18:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/08/09 18:51	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/08/09 18:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/08/09 18:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/08/09 18:51	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/08/09 18:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/08/09 18:51	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/08/09 18:51	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/08/09 18:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/08/09 18:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/08/09 18:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/08/09 18:51	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/08/09 18:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/08/09 18:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/08/09 18:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/08/09 18:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/08/09 18:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/08/09 18:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/08/09 18:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/08/09 18:51	75-35-4	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-8/28034022 **Lab ID: 9235210006** Collected: 12/29/08 12:15 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/08/09 18:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/08/09 18:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/08/09 18:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/08/09 18:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/08/09 18:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/08/09 18:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/08/09 18:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/08/09 18:51	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/08/09 18:51	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/08/09 18:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/08/09 18:51	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/08/09 18:51	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/08/09 18:51	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		01/08/09 18:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/08/09 18:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/08/09 18:51	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/08/09 18:51	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/08/09 18:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/08/09 18:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/08/09 18:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/08/09 18:51	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		01/08/09 18:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/08/09 18:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/08/09 18:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/08/09 18:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/08/09 18:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/08/09 18:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/08/09 18:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/08/09 18:51	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/08/09 18:51	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/08/09 18:51	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/08/09 18:51	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/08/09 18:51	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109		1		01/08/09 18:51	460-00-4	
Dibromofluoromethane (S)	105	%	85-115		1		01/08/09 18:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	79-120		1		01/08/09 18:51	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		01/08/09 18:51	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**65700**	ug/L	5000	5000	1		01/06/09 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		01/07/09 16:27	16887-00-6	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		01/06/09 20:21	14808-79-8	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-8A/28034023 **Lab ID: 9235210007** Collected: 12/29/08 11:20 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	**0.13**	mg/L	0.10	0.063	1	01/02/09 07:00	01/05/09 14:30	68334-30-5	P2,S0
n-Pentacosane (S)	69	%	50-135		1	01/02/09 07:00	01/05/09 14:30	629-99-2	
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	12/31/08 14:15	01/07/09 15:27	7440-38-2	
Barium	**22.0**	ug/L	5.0	0.20	1	12/31/08 14:15	01/07/09 15:27	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	12/31/08 14:15	01/07/09 15:27	7440-43-9	
Calcium	**9170**	ug/L	100	27.0	1	12/31/08 14:15	01/07/09 15:27	7440-70-2	
Chromium	**0.72J**	ug/L	5.0	0.40	1	12/31/08 14:15	01/07/09 15:27	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	12/31/08 14:15	01/07/09 15:27	7439-92-1	
Magnesium	**2860**	ug/L	100	3.0	1	12/31/08 14:15	01/07/09 15:27	7439-95-4	
Potassium	**927J**	ug/L	5000	3.0	1	12/31/08 14:15	01/07/09 15:27	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	12/31/08 14:15	01/07/09 15:27	7782-49-2	
Silver	**0.13J**	ug/L	5.0	0.10	1	12/31/08 14:15	01/07/09 15:27	7440-22-4	
Sodium	**4140J**	ug/L	5000	2.5	1	12/31/08 14:15	01/07/09 15:27	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	12/31/08 12:15	01/02/09 11:22	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		01/08/09 19:15	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/08/09 19:15	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/08/09 19:15	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/08/09 19:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/08/09 19:15	75-27-4	L2
Bromoform	ND	ug/L	1.0	0.26	1		01/08/09 19:15	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/08/09 19:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/08/09 19:15	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/08/09 19:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/08/09 19:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/08/09 19:15	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/08/09 19:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/08/09 19:15	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/08/09 19:15	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/08/09 19:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/08/09 19:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/08/09 19:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/08/09 19:15	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/08/09 19:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/08/09 19:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/08/09 19:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/08/09 19:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/08/09 19:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/08/09 19:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/08/09 19:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/08/09 19:15	75-35-4	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-8A/28034023 **Lab ID: 9235210007** Collected: 12/29/08 11:20 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/08/09 19:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/08/09 19:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/08/09 19:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/08/09 19:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/08/09 19:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/08/09 19:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/08/09 19:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/08/09 19:15	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/08/09 19:15	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/08/09 19:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/08/09 19:15	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/08/09 19:15	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/08/09 19:15	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		01/08/09 19:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/08/09 19:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/08/09 19:15	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/08/09 19:15	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/08/09 19:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/08/09 19:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/08/09 19:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/08/09 19:15	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		01/08/09 19:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/08/09 19:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/08/09 19:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/08/09 19:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/08/09 19:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/08/09 19:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/08/09 19:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/08/09 19:15	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/08/09 19:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/08/09 19:15	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/08/09 19:15	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/08/09 19:15	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		01/08/09 19:15	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		01/08/09 19:15	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	79-120		1		01/08/09 19:15	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		01/08/09 19:15	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**39100**	ug/L	5000	5000	1		01/06/09 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		01/07/09 16:27	16887-00-6	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		01/06/09 20:21	14808-79-8	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-9A/28034025 **Lab ID: 9235210008** Collected: 12/29/08 11:00 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	**0.14**	mg/L	0.11	0.065	1	01/02/09 07:00	01/04/09 19:41	68334-30-5	P2,S0
n-Pentacosane (S)	66	%	50-135		1	01/02/09 07:00	01/04/09 19:41	629-99-2	
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	12/31/08 14:15	01/07/09 15:31	7440-38-2	
Barium	**9.1**	ug/L	5.0	0.20	1	12/31/08 14:15	01/07/09 15:31	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	12/31/08 14:15	01/07/09 15:31	7440-43-9	
Calcium	**9700**	ug/L	100	27.0	1	12/31/08 14:15	01/07/09 15:31	7440-70-2	
Chromium	**1.3J**	ug/L	5.0	0.40	1	12/31/08 14:15	01/07/09 15:31	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	12/31/08 14:15	01/07/09 15:31	7439-92-1	
Magnesium	**4060**	ug/L	100	3.0	1	12/31/08 14:15	01/07/09 15:31	7439-95-4	
Potassium	**416J**	ug/L	5000	3.0	1	12/31/08 14:15	01/07/09 15:31	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	12/31/08 14:15	01/07/09 15:31	7782-49-2	
Silver	**0.22J**	ug/L	5.0	0.10	1	12/31/08 14:15	01/07/09 15:31	7440-22-4	
Sodium	**4510J**	ug/L	5000	2.5	1	12/31/08 14:15	01/07/09 15:31	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	12/31/08 12:15	01/02/09 11:24	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		01/06/09 20:57	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/06/09 20:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/06/09 20:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/06/09 20:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/06/09 20:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		01/06/09 20:57	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/06/09 20:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/06/09 20:57	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/06/09 20:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/06/09 20:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/06/09 20:57	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/06/09 20:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/06/09 20:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/06/09 20:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/06/09 20:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/06/09 20:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/06/09 20:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/06/09 20:57	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/06/09 20:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/06/09 20:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/06/09 20:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 20:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/06/09 20:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/06/09 20:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/06/09 20:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/06/09 20:57	75-35-4	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-9A/28034025 **Lab ID: 9235210008** Collected: 12/29/08 11:00 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/06/09 20:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/06/09 20:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/06/09 20:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/06/09 20:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/06/09 20:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/06/09 20:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/06/09 20:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/06/09 20:57	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/06/09 20:57	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/06/09 20:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/06/09 20:57	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/06/09 20:57	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/06/09 20:57	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		01/06/09 20:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/06/09 20:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/06/09 20:57	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/06/09 20:57	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/06/09 20:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/06/09 20:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/06/09 20:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/06/09 20:57	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		01/06/09 20:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 20:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/06/09 20:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/06/09 20:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/06/09 20:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/06/09 20:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/06/09 20:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/06/09 20:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/06/09 20:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/06/09 20:57	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/06/09 20:57	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/06/09 20:57	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		01/06/09 20:57	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		01/06/09 20:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	79-120		1		01/06/09 20:57	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		01/06/09 20:57	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**46000**	ug/L	5000	5000	1		01/06/09 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		01/07/09 16:27	16887-00-6	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		01/06/09 20:23	14808-79-8	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-10A/28034026 **Lab ID: 9235210009** Collected: 12/29/08 08:00 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	**0.092J**	mg/L	0.13	0.081	1	01/02/09 07:00	01/05/09 14:59	68334-30-5	P2,S0
n-Pentacosane (S)	90	%	50-135		1	01/02/09 07:00	01/05/09 14:59	629-99-2	
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	12/31/08 14:15	01/07/09 13:27	7440-38-2	
Barium	**25.3**	ug/L	5.0	0.20	1	12/31/08 14:15	01/07/09 13:27	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	12/31/08 14:15	01/07/09 13:27	7440-43-9	
Calcium	**1600**	ug/L	100	27.0	1	12/31/08 14:15	01/07/09 13:27	7440-70-2	
Chromium	**0.65J**	ug/L	5.0	0.40	1	12/31/08 14:15	01/07/09 13:27	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	12/31/08 14:15	01/07/09 13:27	7439-92-1	
Magnesium	**1370**	ug/L	100	3.0	1	12/31/08 14:15	01/07/09 13:27	7439-95-4	
Potassium	**1140J**	ug/L	5000	3.0	1	12/31/08 14:15	01/07/09 13:27	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	12/31/08 14:15	01/07/09 13:27	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	12/31/08 14:15	01/07/09 13:27	7440-22-4	
Sodium	**1510J**	ug/L	5000	2.5	1	12/31/08 14:15	01/07/09 13:27	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	12/31/08 12:15	01/02/09 11:27	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		01/06/09 21:21	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/06/09 21:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/06/09 21:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/06/09 21:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/06/09 21:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		01/06/09 21:21	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/06/09 21:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/06/09 21:21	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/06/09 21:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/06/09 21:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/06/09 21:21	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/06/09 21:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/06/09 21:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/06/09 21:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/06/09 21:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/06/09 21:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/06/09 21:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/06/09 21:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/06/09 21:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/06/09 21:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/06/09 21:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 21:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/06/09 21:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/06/09 21:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/06/09 21:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/06/09 21:21	75-35-4	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: MW-10A/28034026 **Lab ID: 9235210009** Collected: 12/29/08 08:00 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/06/09 21:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/06/09 21:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/06/09 21:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/06/09 21:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/06/09 21:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/06/09 21:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/06/09 21:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/06/09 21:21	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/06/09 21:21	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/06/09 21:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/06/09 21:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/06/09 21:21	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/06/09 21:21	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		01/06/09 21:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/06/09 21:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/06/09 21:21	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/06/09 21:21	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/06/09 21:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/06/09 21:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/06/09 21:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/06/09 21:21	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		01/06/09 21:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 21:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/06/09 21:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/06/09 21:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/06/09 21:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/06/09 21:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/06/09 21:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/06/09 21:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/06/09 21:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/06/09 21:21	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/06/09 21:21	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/06/09 21:21	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		01/06/09 21:21	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		01/06/09 21:21	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	79-120		1		01/06/09 21:21	17060-07-0	
Toluene-d8 (S)	95	%	70-120		1		01/06/09 21:21	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**9770**	ug/L	5000	5000	1		01/06/09 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		01/07/09 16:27	16887-00-6	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		01/06/09 20:23	14808-79-8	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: SW-1/28034028 **Lab ID: 9235210010** Collected: 12/29/08 12:45 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	ND	mg/L	0.12	0.074	1	01/02/09 07:00	01/04/09 20:09	68334-30-5	P2,S0
n-Pentacosane (S)	77	%	50-135		1	01/02/09 07:00	01/04/09 20:09	629-99-2	
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	12/31/08 14:15	01/07/09 15:35	7440-38-2	
Barium	**48.8**	ug/L	5.0	0.20	1	12/31/08 14:15	01/07/09 15:35	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	12/31/08 14:15	01/07/09 15:35	7440-43-9	
Calcium	**10100**	ug/L	100	27.0	1	12/31/08 14:15	01/07/09 15:35	7440-70-2	
Chromium	**0.69J**	ug/L	5.0	0.40	1	12/31/08 14:15	01/07/09 15:35	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	12/31/08 14:15	01/07/09 15:35	7439-92-1	
Magnesium	**4070**	ug/L	100	3.0	1	12/31/08 14:15	01/07/09 15:35	7439-95-4	
Potassium	**1180J**	ug/L	5000	3.0	1	12/31/08 14:15	01/07/09 15:35	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	12/31/08 14:15	01/07/09 15:35	7782-49-2	
Silver	**0.19J**	ug/L	5.0	0.10	1	12/31/08 14:15	01/07/09 15:35	7440-22-4	
Sodium	**4820J**	ug/L	5000	2.5	1	12/31/08 14:15	01/07/09 15:35	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	12/31/08 12:15	01/02/09 11:34	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**2.7J**	ug/L	25.0	2.2	1		01/06/09 21:45	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/06/09 21:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/06/09 21:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/06/09 21:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/06/09 21:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		01/06/09 21:45	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/06/09 21:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/06/09 21:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/06/09 21:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/06/09 21:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/06/09 21:45	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/06/09 21:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/06/09 21:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/06/09 21:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/06/09 21:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/06/09 21:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/06/09 21:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/06/09 21:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/06/09 21:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/06/09 21:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/06/09 21:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 21:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/06/09 21:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/06/09 21:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/06/09 21:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/06/09 21:45	75-35-4	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: SW-1/28034028 **Lab ID: 9235210010** Collected: 12/29/08 12:45 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/06/09 21:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/06/09 21:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/06/09 21:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/06/09 21:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/06/09 21:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/06/09 21:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/06/09 21:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/06/09 21:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/06/09 21:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/06/09 21:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/06/09 21:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/06/09 21:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/06/09 21:45	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		01/06/09 21:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/06/09 21:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/06/09 21:45	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/06/09 21:45	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/06/09 21:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/06/09 21:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/06/09 21:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/06/09 21:45	127-18-4	
Toluene	**0.98J**	ug/L	1.0	0.26	1		01/06/09 21:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 21:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/06/09 21:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/06/09 21:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/06/09 21:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/06/09 21:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/06/09 21:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/06/09 21:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/06/09 21:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/06/09 21:45	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/06/09 21:45	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/06/09 21:45	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		01/06/09 21:45	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		01/06/09 21:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	79-120		1		01/06/09 21:45	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		01/06/09 21:45	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**47000**	ug/L	5000	5000	1		01/06/09 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		01/07/09 16:27	16887-00-6	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		01/06/09 20:23	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: SW-2/28034030 **Lab ID: 9235210011** Collected: 12/29/08 12:15 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	ND	mg/L	0.11	0.069	1	01/02/09 07:00	01/05/09 15:28	68334-30-5	P2
n-Pentacosane (S)	45	%	50-135		1	01/02/09 07:00	01/05/09 15:28	629-99-2	S0
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	12/31/08 14:15	01/07/09 15:38	7440-38-2	
Barium	**22.8**	ug/L	5.0	0.20	1	12/31/08 14:15	01/07/09 15:38	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	12/31/08 14:15	01/07/09 15:38	7440-43-9	
Calcium	**10700**	ug/L	100	27.0	1	12/31/08 14:15	01/07/09 15:38	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	12/31/08 14:15	01/07/09 15:38	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	12/31/08 14:15	01/07/09 15:38	7439-92-1	
Magnesium	**3920**	ug/L	100	3.0	1	12/31/08 14:15	01/07/09 15:38	7439-95-4	
Potassium	**1220J**	ug/L	5000	3.0	1	12/31/08 14:15	01/07/09 15:38	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	12/31/08 14:15	01/07/09 15:38	7782-49-2	
Silver	**0.10J**	ug/L	5.0	0.10	1	12/31/08 14:15	01/07/09 15:38	7440-22-4	
Sodium	**4840J**	ug/L	5000	2.5	1	12/31/08 14:15	01/07/09 15:38	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	12/31/08 12:15	01/02/09 11:37	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**2.6J**	ug/L	25.0	2.2	1		01/06/09 22:09	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/06/09 22:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/06/09 22:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/06/09 22:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/06/09 22:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		01/06/09 22:09	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/06/09 22:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/06/09 22:09	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/06/09 22:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/06/09 22:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/06/09 22:09	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/06/09 22:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/06/09 22:09	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/06/09 22:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/06/09 22:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/06/09 22:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/06/09 22:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/06/09 22:09	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/06/09 22:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/06/09 22:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/06/09 22:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 22:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/06/09 22:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/06/09 22:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/06/09 22:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/06/09 22:09	75-35-4	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: SW-2/28034030 **Lab ID: 9235210011** Collected: 12/29/08 12:15 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/06/09 22:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/06/09 22:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/06/09 22:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/06/09 22:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/06/09 22:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/06/09 22:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/06/09 22:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/06/09 22:09	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/06/09 22:09	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/06/09 22:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/06/09 22:09	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/06/09 22:09	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/06/09 22:09	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		01/06/09 22:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/06/09 22:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/06/09 22:09	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/06/09 22:09	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/06/09 22:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/06/09 22:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/06/09 22:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/06/09 22:09	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		01/06/09 22:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 22:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/06/09 22:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/06/09 22:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/06/09 22:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/06/09 22:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/06/09 22:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/06/09 22:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/06/09 22:09	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/06/09 22:09	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/06/09 22:09	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/06/09 22:09	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		01/06/09 22:09	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		01/06/09 22:09	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	79-120		1		01/06/09 22:09	17060-07-0	
Toluene-d8 (S)	63	%	70-120		1		01/06/09 22:09	2037-26-5	S0
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**44000**	ug/L	5000	5000	1		01/06/09 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		01/07/09 16:27	16887-00-6	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		01/06/09 20:23	14808-79-8	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: LEACHATE POND/28034032 **Lab ID: 9235210012** Collected: 12/29/08 10:10 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	**0.084J**	mg/L	0.10	0.063	1	01/02/09 07:00	01/04/09 20:38	68334-30-5	P2,S0
n-Pentacosane (S)	93	%	50-135		1	01/02/09 07:00	01/04/09 20:38	629-99-2	
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	12/31/08 14:15	01/07/09 13:30	7440-38-2	
Barium	**60.5**	ug/L	5.0	0.20	1	12/31/08 14:15	01/07/09 13:30	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	12/31/08 14:15	01/07/09 13:30	7440-43-9	
Calcium	**142000**	ug/L	1000	270	10	12/31/08 14:15	01/08/09 14:18	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	12/31/08 14:15	01/07/09 13:30	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	12/31/08 14:15	01/07/09 13:30	7439-92-1	
Magnesium	**15300**	ug/L	100	3.0	1	12/31/08 14:15	01/07/09 13:30	7439-95-4	
Potassium	**15300**	ug/L	5000	3.0	1	12/31/08 14:15	01/07/09 13:30	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	12/31/08 14:15	01/07/09 13:30	7782-49-2	
Silver	**0.27J**	ug/L	5.0	0.10	1	12/31/08 14:15	01/07/09 13:30	7440-22-4	
Sodium	**28400**	ug/L	5000	2.5	1	12/31/08 14:15	01/07/09 13:30	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	12/31/08 12:15	01/02/09 11:39	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		01/06/09 22:33	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/06/09 22:33	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/06/09 22:33	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/06/09 22:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/06/09 22:33	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		01/06/09 22:33	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/06/09 22:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/06/09 22:33	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/06/09 22:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/06/09 22:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/06/09 22:33	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/06/09 22:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/06/09 22:33	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/06/09 22:33	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/06/09 22:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/06/09 22:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/06/09 22:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/06/09 22:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/06/09 22:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/06/09 22:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/06/09 22:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 22:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/06/09 22:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/06/09 22:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/06/09 22:33	107-06-2	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: LEACHATE POND/28034032 **Lab ID: 9235210012** Collected: 12/29/08 10:10 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/06/09 22:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/06/09 22:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/06/09 22:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/06/09 22:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/06/09 22:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/06/09 22:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/06/09 22:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/06/09 22:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/06/09 22:33	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/06/09 22:33	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/06/09 22:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/06/09 22:33	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/06/09 22:33	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/06/09 22:33	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		01/06/09 22:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/06/09 22:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/06/09 22:33	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/06/09 22:33	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/06/09 22:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/06/09 22:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/06/09 22:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/06/09 22:33	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		01/06/09 22:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 22:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/06/09 22:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/06/09 22:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/06/09 22:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/06/09 22:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/06/09 22:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/06/09 22:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/06/09 22:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/06/09 22:33	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/06/09 22:33	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/06/09 22:33	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		01/06/09 22:33	460-00-4	
Dibromofluoromethane (S)	105	%	85-115		1		01/06/09 22:33	1868-53-7	
1,2-Dichloroethane-d4 (S)	112	%	79-120		1		01/06/09 22:33	17060-07-0	
Toluene-d8 (S)	98	%	70-120		1		01/06/09 22:33	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**236000**	ug/L	5000	5000	1		01/06/09 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**29800**	ug/L	5000	5000	1		01/07/09 16:27	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: LEACHATE POND/28034032 **Lab ID: 9235210012** Collected: 12/29/08 10:10 Received: 12/30/08 15:34 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	**175000**	ug/L	25000	25000	5		01/06/09 20:45	14808-79-8	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: QC-DAY 1 (MW-5A)/28034034 **Lab ID: 9235210013** Collected: 12/29/08 08:15 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	ND	mg/L	0.10	0.062	1	01/02/09 07:00	01/05/09 15:28	68334-30-5	P2,S0
n-Pentacosane (S)	67	%	50-135		1	01/02/09 07:00	01/05/09 15:28	629-99-2	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: FIELD BLANK/28034037 **Lab ID: 9235210014** Collected: 12/29/08 13:10 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3510								
Diesel Components	ND	mg/L	0.10	0.062	1	01/02/09 07:00	01/04/09 21:07	68334-30-5	P2
n-Pentacosane (S)	4	%	50-135		1	01/02/09 07:00	01/04/09 21:07	629-99-2	S0
200.7 MET ICP	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Arsenic	ND	ug/L	5.0	2.7	1	12/31/08 14:15	01/07/09 14:39	7440-38-2	
Barium	**0.24J**	ug/L	5.0	0.20	1	12/31/08 14:15	01/07/09 14:39	7440-39-3	
Cadmium	ND	ug/L	1.0	0.50	1	12/31/08 14:15	01/07/09 14:39	7440-43-9	
Calcium	ND	ug/L	100	27.0	1	12/31/08 14:15	01/07/09 14:39	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	12/31/08 14:15	01/07/09 14:39	7440-47-3	
Lead	ND	ug/L	5.0	4.0	1	12/31/08 14:15	01/07/09 14:39	7439-92-1	
Magnesium	ND	ug/L	100	3.0	1	12/31/08 14:15	01/07/09 14:39	7439-95-4	
Potassium	ND	ug/L	5000	3.0	1	12/31/08 14:15	01/07/09 14:39	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	12/31/08 14:15	01/07/09 14:39	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	12/31/08 14:15	01/07/09 14:39	7440-22-4	
Sodium	**2.8J**	ug/L	5000	2.5	1	12/31/08 14:15	01/07/09 14:39	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	12/31/08 12:15	01/02/09 11:42	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**5.6J**	ug/L	25.0	2.2	1		01/06/09 18:35	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		01/06/09 18:35	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		01/06/09 18:35	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		01/06/09 18:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		01/06/09 18:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		01/06/09 18:35	75-25-2	
Bromomethane	ND	ug/L	5.0	0.29	1		01/06/09 18:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		01/06/09 18:35	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		01/06/09 18:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		01/06/09 18:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		01/06/09 18:35	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		01/06/09 18:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		01/06/09 18:35	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		01/06/09 18:35	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		01/06/09 18:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	2.5	1		01/06/09 18:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		01/06/09 18:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		01/06/09 18:35	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		01/06/09 18:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		01/06/09 18:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		01/06/09 18:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 18:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		01/06/09 18:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		01/06/09 18:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		01/06/09 18:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		01/06/09 18:35	75-35-4	

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ANALYTICAL RESULTS

Project: 08-DEC-0102
Pace Project No.: 9235210

Sample: FIELD BLANK/28034037 **Lab ID: 9235210014** Collected: 12/29/08 13:10 Received: 12/30/08 15:34 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		01/06/09 18:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		01/06/09 18:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		01/06/09 18:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		01/06/09 18:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		01/06/09 18:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		01/06/09 18:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		01/06/09 18:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		01/06/09 18:35	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		01/06/09 18:35	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		01/06/09 18:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		01/06/09 18:35	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		01/06/09 18:35	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		01/06/09 18:35	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		01/06/09 18:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		01/06/09 18:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		01/06/09 18:35	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		01/06/09 18:35	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		01/06/09 18:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		01/06/09 18:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		01/06/09 18:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		01/06/09 18:35	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		01/06/09 18:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		01/06/09 18:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		01/06/09 18:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		01/06/09 18:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		01/06/09 18:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		01/06/09 18:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		01/06/09 18:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		01/06/09 18:35	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		01/06/09 18:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		01/06/09 18:35	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		01/06/09 18:35	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		01/06/09 18:35	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		01/06/09 18:35	460-00-4	
Dibromofluoromethane (S)	105	%	85-115		1		01/06/09 18:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	79-120		1		01/06/09 18:35	17060-07-0	
Toluene-d8 (S)	98	%	70-120		1		01/06/09 18:35	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	ND	ug/L	5000	5000	1		01/06/09 17:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	ug/L	5000	5000	1		01/07/09 16:27	16887-00-6	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		01/06/09 20:26	14808-79-8	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

QC Batch: MERP/1895 — Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 — Analysis Description: 245.1 Mercury
Associated Lab Samples: 9235210002, 9235210003, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

METHOD BLANK: 217942 — Matrix: Water
Associated Lab Samples: 9235210002, 9235210003, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	01/02/09 10:34	

LABORATORY CONTROL SAMPLE: 217943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.2	90	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 217944 217945

Parameter	Units	9235209001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.22	2.5	2.5	1.8	1.9	62	67	70-130	7	20	M0

SAMPLE DUPLICATE: 217946

Parameter	Units	9235209002 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

QC Batch: MPRP/3613 — Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 — Analysis Description: 200.7 MET
Associated Lab Samples: 9235210002, 9235210003, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

METHOD BLANK: 218044 — Matrix: Water
Associated Lab Samples: 9235210002, 9235210003, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	5.0	01/07/09 13:01	
Barium	ug/L	ND	5.0	01/07/09 13:01	
Cadmium	ug/L	ND	1.0	01/07/09 13:01	
Calcium	ug/L	ND	100	01/07/09 13:01	
Chromium	ug/L	ND	5.0	01/07/09 13:01	
Lead	ug/L	ND	5.0	01/07/09 13:01	
Magnesium	ug/L	ND	100	01/07/09 13:01	
Potassium	ug/L	ND	5000	01/07/09 13:01	
Selenium	ug/L	ND	10.0	01/07/09 13:01	
Silver	ug/L	ND	5.0	01/07/09 13:01	
Sodium	ug/L	ND	5000	01/07/09 13:01	

LABORATORY CONTROL SAMPLE: 218045

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	470	94	85-115	
Barium	ug/L	500	474	95	85-115	
Cadmium	ug/L	500	483	97	85-115	
Calcium	ug/L	5000	4730	95	85-115	
Chromium	ug/L	500	478	96	85-115	
Lead	ug/L	500	484	97	85-115	
Magnesium	ug/L	5000	4710	94	85-115	
Potassium	ug/L	5000	4390J	88	85-115	
Selenium	ug/L	500	469	94	85-115	
Silver	ug/L	250	238	95	85-115	
Sodium	ug/L	5000	4740J	95	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218046 218047

Parameter	Units	9235194001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	ND	500	500	474	454	94	90	70-130	4	20	
Barium	ug/L	0.016 mg/L	500	500	351	339	67	65	70-130	3	20	M0
Cadmium	ug/L	ND	500	500	396	384	79	77	70-130	3	20	
Calcium	ug/L	8.6 mg/L	5000	5000	10300	9400	34	16	70-130	9	20	M0
Chromium	ug/L	ND	500	500	386	355	77	71	70-130	8	20	
Lead	ug/L	ND	500	500	355	343	71	69	70-130	3	20	M0

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218046 218047

Parameter	Units	9235194001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Magnesium	ug/L	4.0 mg/L	5000	5000	6540	6100	51	42	70-130	7	20	M0
Potassium	ug/L	94.2 mg/L	5000	5000	86800	98700	-148	88	70-130	13	20	M0
Selenium	ug/L	ND	500	500	489	472	98	94	70-130	4	20	
Silver	ug/L	ND	250	250	265	256	106	102	70-130	3	20	
Sodium	ug/L	194 mg/L	5000	5000	534000	48000	6800	-2920	70-130	167	20	M0,R1

SAMPLE DUPLICATE: 218048

Parameter	Units	9235200001 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	ug/L	16.3	15.0	8	20	
Barium	ug/L	83.8	92.3	10	20	
Cadmium	ug/L	ND	0.60J		20	
Calcium	ug/L	562000	849000	41	20	R1
Chromium	ug/L	6.3	6.8	9	20	
Lead	ug/L	ND	ND		20	
Magnesium	ug/L	132000	182000	32	20	R1
Potassium	ug/L	15900	17300	9	20	
Selenium	ug/L	498	520	4	20	
Silver	ug/L	ND	2.7J		20	
Sodium	ug/L	39000	42200	8	20	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

QC Batch: OEXT/5486 — Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 3510 — Analysis Description: 8015 GCS
Associated Lab Samples: 9235210002, 9235210003, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210013, 9235210014

METHOD BLANK: 218417 — Matrix: Water
Associated Lab Samples: 9235210002, 9235210003, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210013, 9235210014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Components	mg/L	0.27	0.10	01/05/09 12:35	B
n-Pentacosane (S)	%	43	50-135	01/05/09 12:35	S0

LABORATORY CONTROL SAMPLE & LCSD: 218418 218419

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Components	mg/L	5	4.1	3.3	83	65	50-110	24	30	
n-Pentacosane (S)	%				91	69	50-135			

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

QC Batch: MSV/5794
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9235210002

METHOD BLANK: 219181
Matrix: Water
Associated Lab Samples: 9235210002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	01/06/09 15:36	
1,1,1-Trichloroethane	ug/L	ND	1.0	01/06/09 15:36	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	01/06/09 15:36	
1,1,2-Trichloroethane	ug/L	ND	1.0	01/06/09 15:36	
1,1-Dichloroethane	ug/L	ND	1.0	01/06/09 15:36	
1,1-Dichloroethene	ug/L	ND	1.0	01/06/09 15:36	
1,1-Dichloropropene	ug/L	ND	1.0	01/06/09 15:36	
1,2,3-Trichlorobenzene	ug/L	0.93J	1.0	01/06/09 15:36	
1,2,3-Trichloropropane	ug/L	ND	1.0	01/06/09 15:36	
1,2,4-Trichlorobenzene	ug/L	0.50J	1.0	01/06/09 15:36	
1,2-Dibromo-3-chloropropane	ug/L	ND	3.0	01/06/09 15:36	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	01/06/09 15:36	
1,2-Dichlorobenzene	ug/L	ND	1.0	01/06/09 15:36	
1,2-Dichloroethane	ug/L	ND	1.0	01/06/09 15:36	
1,2-Dichloropropane	ug/L	ND	1.0	01/06/09 15:36	
1,3-Dichlorobenzene	ug/L	ND	1.0	01/06/09 15:36	
1,3-Dichloropropane	ug/L	ND	1.0	01/06/09 15:36	
1,4-Dichlorobenzene	ug/L	ND	1.0	01/06/09 15:36	
2,2-Dichloropropane	ug/L	ND	1.0	01/06/09 15:36	
2-Butanone (MEK)	ug/L	ND	5.0	01/06/09 15:36	
2-Chlorotoluene	ug/L	ND	1.0	01/06/09 15:36	
2-Hexanone	ug/L	ND	5.0	01/06/09 15:36	
4-Chlorotoluene	ug/L	ND	1.0	01/06/09 15:36	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	01/06/09 15:36	
Acetone	ug/L	ND	25.0	01/06/09 15:36	
Benzene	ug/L	ND	1.0	01/06/09 15:36	
Bromobenzene	ug/L	ND	1.0	01/06/09 15:36	
Bromochloromethane	ug/L	ND	1.0	01/06/09 15:36	
Bromodichloromethane	ug/L	ND	1.0	01/06/09 15:36	
Bromoform	ug/L	ND	1.0	01/06/09 15:36	
Bromomethane	ug/L	ND	5.0	01/06/09 15:36	
Carbon tetrachloride	ug/L	ND	1.0	01/06/09 15:36	
Chlorobenzene	ug/L	ND	1.0	01/06/09 15:36	
Chloroethane	ug/L	ND	1.0	01/06/09 15:36	
Chloroform	ug/L	ND	1.0	01/06/09 15:36	
Chloromethane	ug/L	ND	1.0	01/06/09 15:36	
cis-1,2-Dichloroethene	ug/L	ND	1.0	01/06/09 15:36	
cis-1,3-Dichloropropene	ug/L	ND	1.0	01/06/09 15:36	
Dibromochloromethane	ug/L	ND	1.0	01/06/09 15:36	
Dibromomethane	ug/L	ND	1.0	01/06/09 15:36	
Dichlorodifluoromethane	ug/L	ND	1.0	01/06/09 15:36	
Diisopropyl ether	ug/L	ND	1.0	01/06/09 15:36	
Ethylbenzene	ug/L	ND	1.0	01/06/09 15:36	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

METHOD BLANK: 219181 Matrix: Water
Associated Lab Samples: 9235210002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	1.2	1.0	01/06/09 15:36	B-
m&p-Xylene	ug/L	ND	2.0	01/06/09 15:36	
Methyl-tert-butyl ether	ug/L	ND	1.0	01/06/09 15:36	
Methylene Chloride	ug/L	ND	2.0	01/06/09 15:36	
Naphthalene	ug/L	ND	1.0	01/06/09 15:36	
o-Xylene	ug/L	ND	1.0	01/06/09 15:36	
p-Isopropyltoluene	ug/L	ND	1.0	01/06/09 15:36	
Styrene	ug/L	ND	1.0	01/06/09 15:36	
Tetrachloroethene	ug/L	ND	1.0	01/06/09 15:36	
Toluene	ug/L	ND	1.0	01/06/09 15:36	
trans-1,2-Dichloroethene	ug/L	ND	1.0	01/06/09 15:36	
trans-1,3-Dichloropropene	ug/L	ND	1.0	01/06/09 15:36	
Trichloroethene	ug/L	ND	1.0	01/06/09 15:36	
Trichlorofluoromethane	ug/L	ND	1.0	01/06/09 15:36	
Vinyl acetate	ug/L	ND	2.0	01/06/09 15:36	
Vinyl chloride	ug/L	ND	1.0	01/06/09 15:36	
1,2-Dichloroethane-d4 (S)	%	94	79-120	01/06/09 15:36	
4-Bromofluorobenzene (S)	%	94	87-109	01/06/09 15:36	
Dibromofluoromethane (S)	%	94	85-115	01/06/09 15:36	
Toluene-d8 (S)	%	99	70-120	01/06/09 15:36	

LABORATORY CONTROL SAMPLE: 219182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.1	100	83-125	
1,1,1-Trichloroethane	ug/L	50	54.2	108	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	45.3	91	73-127	
1,1,2-Trichloroethane	ug/L	50	49.7	99	77-123	
1,1-Dichloroethane	ug/L	50	52.8	106	76-129	
1,1-Dichloroethene	ug/L	50	56.1	112	78-146	
1,1-Dichloropropene	ug/L	50	54.6	109	79-134	
1,2,3-Trichlorobenzene	ug/L	50	49.5	99	70-150	
1,2,3-Trichloropropane	ug/L	50	44.0	88	72-125	
1,2,4-Trichlorobenzene	ug/L	50	53.6	107	68-127	
1,2-Dibromo-3-chloropropane	ug/L	50	43.9	88	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	50.6	101	81-125	
1,2-Dichlorobenzene	ug/L	50	51.4	103	82-126	
1,2-Dichloroethane	ug/L	50	49.9	100	72-126	
1,2-Dichloropropane	ug/L	50	50.2	100	80-127	
1,3-Dichlorobenzene	ug/L	50	51.6	103	82-124	
1,3-Dichloropropane	ug/L	50	48.4	97	79-124	
1,4-Dichlorobenzene	ug/L	50	55.3	111	79-125	
2,2-Dichloropropane	ug/L	50	71.1	142	58-140	L0
2-Butanone (MEK)	ug/L	100	96.4	96	50-134	
2-Chlorotoluene	ug/L	50	51.8	104	81-126	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

LABORATORY CONTROL SAMPLE: 219182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Hexanone	ug/L	100	97.1	97	58-138	
4-Chlorotoluene	ug/L	50	53.4	107	82-126	
4-Methyl-2-pentanone (MIBK)	ug/L	100	96.6	97	70-131	
Acetone	ug/L	100	99.7	100	50-146	
Benzene	ug/L	50	49.5	99	78-128	
Bromobenzene	ug/L	50	51.5	103	81-127	
Bromochloromethane	ug/L	50	45.9	92	73-124	
Bromodichloromethane	ug/L	50	51.4	103	81-125	
Bromoform	ug/L	50	46.4	93	71-125	
Bromomethane	ug/L	50	19.3	39	50-150	L0
Carbon tetrachloride	ug/L	50	53.8	108	81-137	
Chlorobenzene	ug/L	50	47.6	95	82-126	
Chloroethane	ug/L	50	45.9	92	69-140	
Chloroform	ug/L	50	51.0	102	77-129	
Chloromethane	ug/L	50	36.4	73	54-139	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	76-133	
cis-1,3-Dichloropropene	ug/L	50	53.8	108	76-127	
Dibromochloromethane	ug/L	50	50.5	101	77-125	
Dibromomethane	ug/L	50	49.7	99	77-125	
Dichlorodifluoromethane	ug/L	50	37.5	75	50-150	
Diisopropyl ether	ug/L	50	51.0	102	74-131	
Ethylbenzene	ug/L	50	50.6	101	80-127	
Hexachloro-1,3-butadiene	ug/L	50	60.6	121	78-145	
m&p-Xylene	ug/L	100	101	101	82-127	
Methyl-tert-butyl ether	ug/L	50	50.6	101	71-130	
Methylene Chloride	ug/L	50	45.0	90	67-133	
Naphthalene	ug/L	50	49.1	98	52-136	
o-Xylene	ug/L	50	49.8	100	83-124	
p-Isopropyltoluene	ug/L	50	53.1	106	73-122	
Styrene	ug/L	50	54.5	109	80-130	
Tetrachloroethene	ug/L	50	54.9	110	78-128	
Toluene	ug/L	50	49.0	98	76-126	
trans-1,2-Dichloroethene	ug/L	50	51.0	102	78-134	
trans-1,3-Dichloropropene	ug/L	50	54.2	108	75-125	
Trichloroethene	ug/L	50	50.5	101	79-127	
Trichlorofluoromethane	ug/L	50	56.1	112	76-148	
Vinyl acetate	ug/L	100	103	103	50-150	
Vinyl chloride	ug/L	50	48.9	98	67-143	
1,2-Dichloroethane-d4 (S)	%			100	79-120	
4-Bromofluorobenzene (S)	%			100	87-109	
Dibromofluoromethane (S)	%			101	85-115	
Toluene-d8 (S)	%			101	70-120	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

QC Batch: MSV/5796 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9235210001, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

METHOD BLANK: 219252 Matrix: Water
Associated Lab Samples: 9235210001, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	01/06/09 17:47	
1,1,1-Trichloroethane	ug/L	ND	1.0	01/06/09 17:47	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	01/06/09 17:47	
1,1,2-Trichloroethane	ug/L	ND	1.0	01/06/09 17:47	
1,1-Dichloroethane	ug/L	ND	1.0	01/06/09 17:47	
1,1-Dichloroethene	ug/L	ND	1.0	01/06/09 17:47	
1,1-Dichloropropene	ug/L	ND	1.0	01/06/09 17:47	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	01/06/09 17:47	
1,2,3-Trichloropropane	ug/L	ND	1.0	01/06/09 17:47	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	01/06/09 17:47	
1,2-Dibromo-3-chloropropane	ug/L	ND	3.0	01/06/09 17:47	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	01/06/09 17:47	
1,2-Dichlorobenzene	ug/L	ND	1.0	01/06/09 17:47	
1,2-Dichloroethane	ug/L	ND	1.0	01/06/09 17:47	
1,2-Dichloropropane	ug/L	ND	1.0	01/06/09 17:47	
1,3-Dichlorobenzene	ug/L	ND	1.0	01/06/09 17:47	
1,3-Dichloropropane	ug/L	ND	1.0	01/06/09 17:47	
1,4-Dichlorobenzene	ug/L	ND	1.0	01/06/09 17:47	
2,2-Dichloropropane	ug/L	ND	1.0	01/06/09 17:47	
2-Butanone (MEK)	ug/L	ND	5.0	01/06/09 17:47	
2-Chlorotoluene	ug/L	ND	1.0	01/06/09 17:47	
2-Hexanone	ug/L	ND	5.0	01/06/09 17:47	
4-Chlorotoluene	ug/L	ND	1.0	01/06/09 17:47	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	01/06/09 17:47	
Acetone	ug/L	ND	25.0	01/06/09 17:47	
Benzene	ug/L	ND	1.0	01/06/09 17:47	
Bromobenzene	ug/L	ND	1.0	01/06/09 17:47	
Bromochloromethane	ug/L	ND	1.0	01/06/09 17:47	
Bromodichloromethane	ug/L	ND	1.0	01/06/09 17:47	
Bromoform	ug/L	ND	1.0	01/06/09 17:47	
Bromomethane	ug/L	ND	5.0	01/06/09 17:47	
Carbon tetrachloride	ug/L	ND	1.0	01/06/09 17:47	
Chlorobenzene	ug/L	ND	1.0	01/06/09 17:47	
Chloroethane	ug/L	ND	1.0	01/06/09 17:47	
Chloroform	ug/L	ND	1.0	01/06/09 17:47	
Chloromethane	ug/L	ND	1.0	01/06/09 17:47	
cis-1,2-Dichloroethene	ug/L	ND	1.0	01/06/09 17:47	
cis-1,3-Dichloropropene	ug/L	ND	1.0	01/06/09 17:47	
Dibromochloromethane	ug/L	ND	1.0	01/06/09 17:47	
Dibromomethane	ug/L	ND	1.0	01/06/09 17:47	
Dichlorodifluoromethane	ug/L	ND	1.0	01/06/09 17:47	
Diisopropyl ether	ug/L	ND	1.0	01/06/09 17:47	
Ethylbenzene	ug/L	ND	1.0	01/06/09 17:47	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

METHOD BLANK: 219252 Matrix: Water

Associated Lab Samples: 9235210001, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	1.0	1.0	01/06/09 17:47	B-
m&p-Xylene	ug/L	ND	2.0	01/06/09 17:47	
Methyl-tert-butyl ether	ug/L	ND	1.0	01/06/09 17:47	
Methylene Chloride	ug/L	3.7	2.0	01/06/09 17:47	B
Naphthalene	ug/L	ND	1.0	01/06/09 17:47	
o-Xylene	ug/L	ND	1.0	01/06/09 17:47	
p-Isopropyltoluene	ug/L	ND	1.0	01/06/09 17:47	
Styrene	ug/L	ND	1.0	01/06/09 17:47	
Tetrachloroethene	ug/L	ND	1.0	01/06/09 17:47	
Toluene	ug/L	ND	1.0	01/06/09 17:47	
trans-1,2-Dichloroethene	ug/L	ND	1.0	01/06/09 17:47	
trans-1,3-Dichloropropene	ug/L	ND	1.0	01/06/09 17:47	
Trichloroethene	ug/L	ND	1.0	01/06/09 17:47	
Trichlorofluoromethane	ug/L	ND	1.0	01/06/09 17:47	
Vinyl acetate	ug/L	ND	2.0	01/06/09 17:47	
Vinyl chloride	ug/L	ND	1.0	01/06/09 17:47	
1,2-Dichloroethane-d4 (S)	%	108	79-120	01/06/09 17:47	
4-Bromofluorobenzene (S)	%	100	87-109	01/06/09 17:47	
Dibromofluoromethane (S)	%	104	85-115	01/06/09 17:47	
Toluene-d8 (S)	%	97	70-120	01/06/09 17:47	

LABORATORY CONTROL SAMPLE: 219253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.3	97	83-125	
1,1,1-Trichloroethane	ug/L	50	51.7	103	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	42.6	85	73-127	
1,1,2-Trichloroethane	ug/L	50	45.8	92	77-123	
1,1-Dichloroethane	ug/L	50	48.3	97	76-129	
1,1-Dichloroethene	ug/L	50	56.2	112	78-146	
1,1-Dichloropropene	ug/L	50	47.8	96	79-134	
1,2,3-Trichlorobenzene	ug/L	50	55.3	111	70-150	
1,2,3-Trichloropropane	ug/L	50	45.7	91	72-125	
1,2,4-Trichlorobenzene	ug/L	50	51.8	104	68-127	
1,2-Dibromo-3-chloropropane	ug/L	50	47.3	95	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	48.9	98	81-125	
1,2-Dichlorobenzene	ug/L	50	46.2	92	82-126	
1,2-Dichloroethane	ug/L	50	49.7	99	72-126	
1,2-Dichloropropane	ug/L	50	44.6	89	80-127	
1,3-Dichlorobenzene	ug/L	50	45.9	92	82-124	
1,3-Dichloropropane	ug/L	50	46.7	93	79-124	
1,4-Dichlorobenzene	ug/L	50	49.2	98	79-125	
2,2-Dichloropropane	ug/L	50	58.0	116	58-140	
2-Butanone (MEK)	ug/L	100	95.6	96	50-134	
2-Chlorotoluene	ug/L	50	46.7	93	81-126	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

LABORATORY CONTROL SAMPLE: 219253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Hexanone	ug/L	100	97.8	98	58-138	
4-Chlorotoluene	ug/L	50	47.8	96	82-126	
4-Methyl-2-pentanone (MIBK)	ug/L	100	93.3	93	70-131	
Acetone	ug/L	100	89.4	89	50-146	
Benzene	ug/L	50	45.2	90	78-128	
Bromobenzene	ug/L	50	45.8	92	81-127	
Bromochloromethane	ug/L	50	48.2	96	73-124	
Bromodichloromethane	ug/L	50	48.7	97	81-125	
Bromoform	ug/L	50	50.3	101	71-125	
Bromomethane	ug/L	50	39.0	78	50-150	
Carbon tetrachloride	ug/L	50	57.3	115	81-137	
Chlorobenzene	ug/L	50	44.7	89	82-126	
Chloroethane	ug/L	50	39.8	80	69-140	
Chloroform	ug/L	50	50.7	101	77-129	
Chloromethane	ug/L	50	34.9	70	54-139	
cis-1,2-Dichloroethene	ug/L	50	49.6	99	76-133	
cis-1,3-Dichloropropene	ug/L	50	47.4	95	76-127	
Dibromochloromethane	ug/L	50	48.5	97	77-125	
Dibromomethane	ug/L	50	47.1	94	77-125	
Dichlorodifluoromethane	ug/L	50	27.5	55	50-150	
Diisopropyl ether	ug/L	50	46.5	93	74-131	
Ethylbenzene	ug/L	50	47.7	95	80-127	
Hexachloro-1,3-butadiene	ug/L	50	54.3	109	78-145	
m&p-Xylene	ug/L	100	98.1	98	82-127	
Methyl-tert-butyl ether	ug/L	50	49.7	99	71-130	
Methylene Chloride	ug/L	50	41.5	83	67-133	
Naphthalene	ug/L	50	58.9	118	52-136	
o-Xylene	ug/L	50	47.1	94	83-124	
p-Isopropyltoluene	ug/L	50	51.8	104	73-122	
Styrene	ug/L	50	49.4	99	80-130	
Tetrachloroethene	ug/L	50	49.9	100	78-128	
Toluene	ug/L	50	44.8	90	76-126	
trans-1,2-Dichloroethene	ug/L	50	47.1	94	78-134	
trans-1,3-Dichloropropene	ug/L	50	48.2	96	75-125	
Trichloroethene	ug/L	50	48.5	97	79-127	
Trichlorofluoromethane	ug/L	50	48.6	97	76-148	
Vinyl acetate	ug/L	100	111	111	50-150	
Vinyl chloride	ug/L	50	40.5	81	67-143	
1,2-Dichloroethane-d4 (S)	%			107	79-120	
4-Bromofluorobenzene (S)	%			102	87-109	
Dibromofluoromethane (S)	%			100	85-115	
Toluene-d8 (S)	%			96	70-120	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 219254 219255

Parameter	Units	9234814041 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	54.4	69.7	109	139	60-150	25	30	
Benzene	ug/L	ND	50	50	47.5	48.7	95	97	74-136	3	30	
Chlorobenzene	ug/L	ND	50	50	45.4	55.5	91	111	79-135	20	30	
Toluene	ug/L	ND	50	50	46.3	47.9	93	96	73-131	3	30	
Trichloroethene	ug/L	ND	50	50	49.9	51.8	100	104	73-131	4	30	
1,2-Dichloroethane-d4 (S)	%						111	111	79-120			
4-Bromofluorobenzene (S)	%						103	102	87-109			
Dibromofluoromethane (S)	%						105	105	85-115			
Toluene-d8 (S)	%						96	83	70-120			

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

QC Batch: WETA/4191 — Analysis Method: ASTM D516-90
QC Batch Method: ASTM D516-90 — Analysis Description: ASTM D516-90 Sulfate Water
Associated Lab Samples: 9235210002, 9235210003, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

METHOD BLANK: 219281 — Matrix: Water
Associated Lab Samples: 9235210002, 9235210003, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	ug/L	ND	5000	01/06/09 20:15	

LABORATORY CONTROL SAMPLE: 219282

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	20000	19000	95	90-110	

MATRIX SPIKE SAMPLE: 219283

Parameter	Units	9235210002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	ND	20000	22000	101	75-125	

MATRIX SPIKE SAMPLE: 219284

Parameter	Units	9235210003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	ND	20000	19100	95	75-125	

SAMPLE DUPLICATE: 219285

Parameter	Units	9235210004 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	ug/L	ND	ND		20	

SAMPLE DUPLICATE: 219286

Parameter	Units	9235210005 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

QC Batch: WET/6822 — Analysis Method: SM 2320B
QC Batch Method: SM 2320B — Analysis Description: 2320B Alkalinity
Associated Lab Samples: 9235210002, 9235210003, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

METHOD BLANK: 219318 — Matrix: Water
Associated Lab Samples: 9235210002, 9235210003, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	ug/L	ND	5000	01/06/09 17:00	

LABORATORY CONTROL SAMPLE: 219319

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	50000	47800	96	90-110	

SAMPLE DUPLICATE: 219320

Parameter	Units	9235240006 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	60.6 mg/L	60600	0	20	

SAMPLE DUPLICATE: 219321

Parameter	Units	9235312001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	19.2 mg/L	19500	2	20	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

QC Batch: WETA/4202 — Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E — Analysis Description: 4500 Chloride
Associated Lab Samples: 9235210002, 9235210003, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

METHOD BLANK: 219849 — Matrix: Water
Associated Lab Samples: 9235210002, 9235210003, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012, 9235210014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	ug/L	ND	5000	01/07/09 16:25	

LABORATORY CONTROL SAMPLE: 219850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	20000	18400	92	90-110	

MATRIX SPIKE SAMPLE: 219851

Parameter	Units	9235204001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	868 mg/L	20000	879000	53	75-125	M0

MATRIX SPIKE SAMPLE: 219852

Parameter	Units	9235204002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	10600 mg/L	2000000	18000000	367	75-125	M0

SAMPLE DUPLICATE: 219853

Parameter	Units	9235210002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	ug/L	24200	ND		20	

SAMPLE DUPLICATE: 219854

Parameter	Units	9235210003 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	ug/L	12900	12600	3	20	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

QC Batch: MSV/5807 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9235210005, 9235210006, 9235210007

METHOD BLANK: 220219 | Matrix: Water
Associated Lab Samples: 9235210005, 9235210006, 9235210007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	01/08/09 16:28	
1,1,1-Trichloroethane	ug/L	ND	1.0	01/08/09 16:28	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	01/08/09 16:28	
1,1,2-Trichloroethane	ug/L	ND	1.0	01/08/09 16:28	
1,1-Dichloroethane	ug/L	ND	1.0	01/08/09 16:28	
1,1-Dichloroethene	ug/L	ND	1.0	01/08/09 16:28	
1,1-Dichloropropene	ug/L	ND	1.0	01/08/09 16:28	
1,2,3-Trichlorobenzene	ug/L	0.38J	1.0	01/08/09 16:28	
1,2,3-Trichloropropane	ug/L	ND	1.0	01/08/09 16:28	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	01/08/09 16:28	
1,2-Dibromo-3-chloropropane	ug/L	ND	3.0	01/08/09 16:28	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	01/08/09 16:28	
1,2-Dichlorobenzene	ug/L	ND	1.0	01/08/09 16:28	
1,2-Dichloroethane	ug/L	ND	1.0	01/08/09 16:28	
1,2-Dichloropropane	ug/L	ND	1.0	01/08/09 16:28	
1,3-Dichlorobenzene	ug/L	ND	1.0	01/08/09 16:28	
1,3-Dichloropropane	ug/L	ND	1.0	01/08/09 16:28	
1,4-Dichlorobenzene	ug/L	ND	1.0	01/08/09 16:28	
2,2-Dichloropropane	ug/L	ND	1.0	01/08/09 16:28	
2-Butanone (MEK)	ug/L	ND	5.0	01/08/09 16:28	
2-Chlorotoluene	ug/L	ND	1.0	01/08/09 16:28	
2-Hexanone	ug/L	ND	5.0	01/08/09 16:28	
4-Chlorotoluene	ug/L	ND	1.0	01/08/09 16:28	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	01/08/09 16:28	
Acetone	ug/L	ND	25.0	01/08/09 16:28	
Benzene	ug/L	ND	1.0	01/08/09 16:28	
Bromobenzene	ug/L	ND	1.0	01/08/09 16:28	
Bromochloromethane	ug/L	ND	1.0	01/08/09 16:28	
Bromodichloromethane	ug/L	ND	1.0	01/08/09 16:28	
Bromoform	ug/L	ND	1.0	01/08/09 16:28	
Bromomethane	ug/L	ND	5.0	01/08/09 16:28	
Carbon tetrachloride	ug/L	ND	1.0	01/08/09 16:28	
Chlorobenzene	ug/L	ND	1.0	01/08/09 16:28	
Chloroethane	ug/L	ND	1.0	01/08/09 16:28	
Chloroform	ug/L	ND	1.0	01/08/09 16:28	
Chloromethane	ug/L	ND	1.0	01/08/09 16:28	
cis-1,2-Dichloroethene	ug/L	ND	1.0	01/08/09 16:28	
cis-1,3-Dichloropropene	ug/L	ND	1.0	01/08/09 16:28	
Dibromochloromethane	ug/L	ND	1.0	01/08/09 16:28	
Dibromomethane	ug/L	ND	1.0	01/08/09 16:28	
Dichlorodifluoromethane	ug/L	ND	1.0	01/08/09 16:28	
Diisopropyl ether	ug/L	ND	1.0	01/08/09 16:28	
Ethylbenzene	ug/L	ND	1.0	01/08/09 16:28	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

METHOD BLANK: 220219 Matrix: Water

Associated Lab Samples: 9235210005, 9235210006, 9235210007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	01/08/09 16:28	
m&p-Xylene	ug/L	ND	2.0	01/08/09 16:28	
Methyl-tert-butyl ether	ug/L	ND	1.0	01/08/09 16:28	
Methylene Chloride	ug/L	ND	2.0	01/08/09 16:28	
Naphthalene	ug/L	0.25J	1.0	01/08/09 16:28	
o-Xylene	ug/L	ND	1.0	01/08/09 16:28	
p-Isopropyltoluene	ug/L	ND	1.0	01/08/09 16:28	
Styrene	ug/L	ND	1.0	01/08/09 16:28	
Tetrachloroethene	ug/L	ND	1.0	01/08/09 16:28	
Toluene	ug/L	ND	1.0	01/08/09 16:28	
trans-1,2-Dichloroethene	ug/L	ND	1.0	01/08/09 16:28	
trans-1,3-Dichloropropene	ug/L	ND	1.0	01/08/09 16:28	
Trichloroethene	ug/L	ND	1.0	01/08/09 16:28	
Trichlorofluoromethane	ug/L	ND	1.0	01/08/09 16:28	
Vinyl acetate	ug/L	ND	2.0	01/08/09 16:28	
Vinyl chloride	ug/L	ND	1.0	01/08/09 16:28	
1,2-Dichloroethane-d4 (S)	%	98	79-120	01/08/09 16:28	
4-Bromofluorobenzene (S)	%	95	87-109	01/08/09 16:28	
Dibromofluoromethane (S)	%	104	85-115	01/08/09 16:28	
Toluene-d8 (S)	%	100	70-120	01/08/09 16:28	

LABORATORY CONTROL SAMPLE: 220220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.6	91	83-125	
1,1,1-Trichloroethane	ug/L	50	46.0	92	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	43.8	88	73-127	
1,1,2-Trichloroethane	ug/L	50	45.2	90	77-123	
1,1-Dichloroethane	ug/L	50	47.5	95	76-129	
1,1-Dichloroethene	ug/L	50	47.3	95	78-146	
1,1-Dichloropropene	ug/L	50	45.6	91	79-134	
1,2,3-Trichlorobenzene	ug/L	50	42.4	85	70-150	
1,2,3-Trichloropropane	ug/L	50	44.3	89	72-125	
1,2,4-Trichlorobenzene	ug/L	50	45.3	91	68-127	
1,2-Dibromo-3-chloropropane	ug/L	50	44.2	88	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	48.0	96	81-125	
1,2-Dichlorobenzene	ug/L	50	46.5	93	82-126	
1,2-Dichloroethane	ug/L	50	43.8	88	72-126	
1,2-Dichloropropane	ug/L	50	46.3	93	80-127	
1,3-Dichlorobenzene	ug/L	50	45.7	91	82-124	
1,3-Dichloropropane	ug/L	50	45.7	91	79-124	
1,4-Dichlorobenzene	ug/L	50	49.5	99	79-125	
2,2-Dichloropropane	ug/L	50	48.7	97	58-140	
2-Butanone (MEK)	ug/L	100	92.1	92	50-134	
2-Chlorotoluene	ug/L	50	46.5	93	81-126	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

LABORATORY CONTROL SAMPLE: 220220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Hexanone	ug/L	100	97.5	98	58-138	
4-Chlorotoluene	ug/L	50	47.1	94	82-126	
4-Methyl-2-pentanone (MIBK)	ug/L	100	92.0	92	70-131	
Acetone	ug/L	100	95.1	95	50-146	
Benzene	ug/L	50	45.1	90	78-128	
Bromobenzene	ug/L	50	45.5	91	81-127	
Bromochloromethane	ug/L	50	46.2	92	73-124	
Bromodichloromethane	ug/L	50	38.1	76	81-125	L0
Bromoform	ug/L	50	47.3	95	71-125	
Bromomethane	ug/L	50	45.9	92	50-150	
Carbon tetrachloride	ug/L	50	42.9	86	81-137	
Chlorobenzene	ug/L	50	44.7	89	82-126	
Chloroethane	ug/L	50	39.7	79	69-140	
Chloroform	ug/L	50	46.7	93	77-129	
Chloromethane	ug/L	50	45.0	90	54-139	
cis-1,2-Dichloroethene	ug/L	50	62.2	124	76-133	
cis-1,3-Dichloropropene	ug/L	50	40.4	81	76-127	
Dibromochloromethane	ug/L	50	45.8	92	77-125	
Dibromomethane	ug/L	50	44.2	88	77-125	
Dichlorodifluoromethane	ug/L	50	39.8	80	50-150	
Diisopropyl ether	ug/L	50	46.1	92	74-131	
Ethylbenzene	ug/L	50	46.2	92	80-127	
Hexachloro-1,3-butadiene	ug/L	50	50.5	101	78-145	
m&p-Xylene	ug/L	100	94.3	94	82-127	
Methyl-tert-butyl ether	ug/L	50	46.5	93	71-130	
Methylene Chloride	ug/L	50	46.9	94	67-133	
Naphthalene	ug/L	50	50.2	100	52-136	
o-Xylene	ug/L	50	45.9	92	83-124	
p-Isopropyltoluene	ug/L	50	50.7	101	73-122	
Styrene	ug/L	50	48.6	97	80-130	
Tetrachloroethene	ug/L	50	46.0	92	78-128	
Toluene	ug/L	50	44.0	88	76-126	
trans-1,2-Dichloroethene	ug/L	50	45.5	91	78-134	
trans-1,3-Dichloropropene	ug/L	50	45.8	92	75-125	
Trichloroethene	ug/L	50	45.7	91	79-127	
Trichlorofluoromethane	ug/L	50	41.6	83	76-148	
Vinyl acetate	ug/L	100	100	100	50-150	
Vinyl chloride	ug/L	50	45.8	92	67-143	
1,2-Dichloroethane-d4 (S)	%			94	79-120	
4-Bromofluorobenzene (S)	%			100	87-109	
Dibromofluoromethane (S)	%			99	85-115	
Toluene-d8 (S)	%			98	70-120	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 220354 220355

Parameter	Units	9235362003 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	64.0	60.2	128	120	60-150	6	30	
Benzene	ug/L	ND	50	50	51.8	49.6	104	99	74-136	4	30	
Chlorobenzene	ug/L	ND	50	50	48.7	47.5	97	95	79-135	2	30	
Toluene	ug/L	ND	50	50	50.3	48.6	100	97	73-131	3	30	
Trichloroethene	ug/L	ND	50	50	52.1	48.9	104	98	73-131	6	30	
1,2-Dichloroethane-d4 (S)	%						102	102	79-120			
4-Bromofluorobenzene (S)	%						96	97	87-109			
Dibromofluoromethane (S)	%						108	108	85-115			
Toluene-d8 (S)	%						99	99	70-120			

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

QC Batch: MSV/5822 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9235210003, 9235210004

METHOD BLANK: 221309 | Matrix: Water
Associated Lab Samples: 9235210003, 9235210004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	01/11/09 03:07	
1,1,1-Trichloroethane	ug/L	ND	1.0	01/11/09 03:07	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	01/11/09 03:07	
1,1,2-Trichloroethane	ug/L	ND	1.0	01/11/09 03:07	
1,1-Dichloroethane	ug/L	ND	1.0	01/11/09 03:07	
1,1-Dichloroethene	ug/L	ND	1.0	01/11/09 03:07	
1,1-Dichloropropene	ug/L	ND	1.0	01/11/09 03:07	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	01/11/09 03:07	
1,2,3-Trichloropropane	ug/L	ND	1.0	01/11/09 03:07	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	01/11/09 03:07	
1,2-Dibromo-3-chloropropane	ug/L	ND	3.0	01/11/09 03:07	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	01/11/09 03:07	
1,2-Dichlorobenzene	ug/L	ND	1.0	01/11/09 03:07	
1,2-Dichloroethane	ug/L	ND	1.0	01/11/09 03:07	
1,2-Dichloropropane	ug/L	ND	1.0	01/11/09 03:07	
1,3-Dichlorobenzene	ug/L	ND	1.0	01/11/09 03:07	
1,3-Dichloropropane	ug/L	ND	1.0	01/11/09 03:07	
1,4-Dichlorobenzene	ug/L	ND	1.0	01/11/09 03:07	
2,2-Dichloropropane	ug/L	ND	1.0	01/11/09 03:07	
2-Butanone (MEK)	ug/L	ND	5.0	01/11/09 03:07	
2-Chlorotoluene	ug/L	ND	1.0	01/11/09 03:07	
2-Hexanone	ug/L	ND	5.0	01/11/09 03:07	
4-Chlorotoluene	ug/L	ND	1.0	01/11/09 03:07	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	01/11/09 03:07	
Acetone	ug/L	ND	25.0	01/11/09 03:07	
Benzene	ug/L	ND	1.0	01/11/09 03:07	
Bromobenzene	ug/L	ND	1.0	01/11/09 03:07	
Bromochloromethane	ug/L	ND	1.0	01/11/09 03:07	
Bromodichloromethane	ug/L	ND	1.0	01/11/09 03:07	
Bromoform	ug/L	ND	1.0	01/11/09 03:07	
Bromomethane	ug/L	ND	5.0	01/11/09 03:07	
Carbon tetrachloride	ug/L	ND	1.0	01/11/09 03:07	
Chlorobenzene	ug/L	ND	1.0	01/11/09 03:07	
Chloroethane	ug/L	ND	1.0	01/11/09 03:07	
Chloroform	ug/L	ND	1.0	01/11/09 03:07	
Chloromethane	ug/L	ND	1.0	01/11/09 03:07	
cis-1,2-Dichloroethene	ug/L	ND	1.0	01/11/09 03:07	
cis-1,3-Dichloropropene	ug/L	ND	1.0	01/11/09 03:07	
Dibromochloromethane	ug/L	ND	1.0	01/11/09 03:07	
Dibromomethane	ug/L	ND	1.0	01/11/09 03:07	
Dichlorodifluoromethane	ug/L	ND	1.0	01/11/09 03:07	
Diisopropyl ether	ug/L	ND	1.0	01/11/09 03:07	
Ethylbenzene	ug/L	ND	1.0	01/11/09 03:07	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

METHOD BLANK: 221309 Matrix: Water

Associated Lab Samples: 9235210003, 9235210004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	01/11/09 03:07	
m&p-Xylene	ug/L	ND	2.0	01/11/09 03:07	
Methyl-tert-butyl ether	ug/L	ND	1.0	01/11/09 03:07	
Methylene Chloride	ug/L	ND	2.0	01/11/09 03:07	
Naphthalene	ug/L	ND	1.0	01/11/09 03:07	
o-Xylene	ug/L	ND	1.0	01/11/09 03:07	
p-Isopropyltoluene	ug/L	ND	1.0	01/11/09 03:07	
Styrene	ug/L	ND	1.0	01/11/09 03:07	
Tetrachloroethene	ug/L	ND	1.0	01/11/09 03:07	
Toluene	ug/L	ND	1.0	01/11/09 03:07	
trans-1,2-Dichloroethene	ug/L	ND	1.0	01/11/09 03:07	
trans-1,3-Dichloropropene	ug/L	ND	1.0	01/11/09 03:07	
Trichloroethene	ug/L	ND	1.0	01/11/09 03:07	
Trichlorofluoromethane	ug/L	ND	1.0	01/11/09 03:07	
Vinyl acetate	ug/L	ND	2.0	01/11/09 03:07	
Vinyl chloride	ug/L	ND	1.0	01/11/09 03:07	
1,2-Dichloroethane-d4 (S)	%	113	79-120	01/11/09 03:07	
4-Bromofluorobenzene (S)	%	98	87-109	01/11/09 03:07	
Dibromofluoromethane (S)	%	104	85-115	01/11/09 03:07	
Toluene-d8 (S)	%	87	70-120	01/11/09 03:07	

LABORATORY CONTROL SAMPLE: 221310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.7	93	83-125	
1,1,1-Trichloroethane	ug/L	50	47.8	96	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	45.6	91	73-127	
1,1,2-Trichloroethane	ug/L	50	48.2	96	77-123	
1,1-Dichloroethane	ug/L	50	48.9	98	76-129	
1,1-Dichloroethene	ug/L	50	50.5	101	78-146	
1,1-Dichloropropene	ug/L	50	46.8	94	79-134	
1,2,3-Trichlorobenzene	ug/L	50	47.1	94	70-150	
1,2,3-Trichloropropane	ug/L	50	49.2	98	72-125	
1,2,4-Trichlorobenzene	ug/L	50	47.3	95	68-127	
1,2-Dibromo-3-chloropropane	ug/L	50	54.3	109	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	50.4	101	81-125	
1,2-Dichlorobenzene	ug/L	50	46.0	92	82-126	
1,2-Dichloroethane	ug/L	50	49.1	98	72-126	
1,2-Dichloropropane	ug/L	50	46.3	93	80-127	
1,3-Dichlorobenzene	ug/L	50	45.4	91	82-124	
1,3-Dichloropropane	ug/L	50	48.1	96	79-124	
1,4-Dichlorobenzene	ug/L	50	48.7	97	79-125	
2,2-Dichloropropane	ug/L	50	42.0	84	58-140	
2-Butanone (MEK)	ug/L	100	108	108	50-134	
2-Chlorotoluene	ug/L	50	45.7	91	81-126	

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

LABORATORY CONTROL SAMPLE: 221310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Hexanone	ug/L	100	109	109	58-138	
4-Chlorotoluene	ug/L	50	47.1	94	82-126	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	70-131	
Acetone	ug/L	100	129	129	50-146	
Benzene	ug/L	50	45.9	92	78-128	
Bromobenzene	ug/L	50	45.6	91	81-127	
Bromochloromethane	ug/L	50	41.8	84	73-124	
Bromodichloromethane	ug/L	50	47.5	95	81-125	
Bromoform	ug/L	50	50.5	101	71-125	
Bromomethane	ug/L	50	32.8	66	50-150	
Carbon tetrachloride	ug/L	50	46.1	92	81-137	
Chlorobenzene	ug/L	50	44.8	90	82-126	
Chloroethane	ug/L	50	41.8	84	69-140	
Chloroform	ug/L	50	48.2	96	77-129	
Chloromethane	ug/L	50	44.1	88	54-139	
cis-1,2-Dichloroethene	ug/L	50	63.0	126	76-133	
cis-1,3-Dichloropropene	ug/L	50	43.4	87	76-127	
Dibromochloromethane	ug/L	50	48.5	97	77-125	
Dibromomethane	ug/L	50	66.9	134	77-125	L0
Dichlorodifluoromethane	ug/L	50	38.4	77	50-150	
Diisopropyl ether	ug/L	50	47.4	95	74-131	
Ethylbenzene	ug/L	50	46.4	93	80-127	
Hexachloro-1,3-butadiene	ug/L	50	46.0	92	78-145	
m&p-Xylene	ug/L	100	95.5	95	82-127	
Methyl-tert-butyl ether	ug/L	50	50.4	101	71-130	
Methylene Chloride	ug/L	50	44.5	89	67-133	
Naphthalene	ug/L	50	57.2	114	52-136	
o-Xylene	ug/L	50	46.5	93	83-124	
p-Isopropyltoluene	ug/L	50	50.3	101	73-122	
Styrene	ug/L	50	49.4	99	80-130	
Tetrachloroethene	ug/L	50	46.4	93	78-128	
Toluene	ug/L	50	61.4	123	76-126	
trans-1,2-Dichloroethene	ug/L	50	46.5	93	78-134	
trans-1,3-Dichloropropene	ug/L	50	48.7	97	75-125	
Trichloroethene	ug/L	50	46.8	94	79-127	
Trichlorofluoromethane	ug/L	50	46.6	93	76-148	
Vinyl acetate	ug/L	100	95.9	96	50-150	
Vinyl chloride	ug/L	50	46.7	93	67-143	
1,2-Dichloroethane-d4 (S)	%			107	79-120	
4-Bromofluorobenzene (S)	%			100	87-109	
Dibromofluoromethane (S)	%			98	85-115	
Toluene-d8 (S)	%			125	70-120	S0

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 08-DEC-0102
Pace Project No.: 9235210

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 221311 221312

Parameter	Units	9235709005 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				49.4	49.8				.6	30	
Benzene	ug/L	ND	50	50	49.3	50.5	99	101	74-136	2	30	
Chlorobenzene	ug/L				45.1	47.5				5	30	
Toluene	ug/L	ND	50	50	47.0	48.3	94	97	73-131	3	30	
Trichloroethene	ug/L				48.3	50.0				3	30	
1,2-Dichloroethane-d4 (S)	%						101	98	79-120			
4-Bromofluorobenzene (S)	%						100	100	87-109			
Dibromofluoromethane (S)	%						98	96	85-115			
Toluene-d8 (S)	%						100	98	70-120			

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QUALIFIERS

Project: 08-DEC-0102
Pace Project No.: 9235210

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.

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

LABORATORIES

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

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
B-	Analyte detected in method blank but was not detected in the associated samples.
C9	Common Laboratory Contaminant.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M0	Matrix spike recovery was outside laboratory control limits.
P2	Re-extraction or re-analysis could not be performed due to insufficient sample amount.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 08-DEC-0102
Pace Project No.: 9235210

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
9235210002	MW-5A/28034017	EPA 245.1	MERP/1895	EPA 245.1	MERC/1885
9235210003	MW-6/28034018	EPA 245.1	MERP/1895	EPA 245.1	MERC/1885
9235210004	MW-6A/28034019	EPA 245.1	MERP/1895	EPA 245.1	MERC/1885
9235210005	MW-7A/28034021	EPA 245.1	MERP/1895	EPA 245.1	MERC/1885
9235210006	MW-8/28034022	EPA 245.1	MERP/1895	EPA 245.1	MERC/1885
9235210007	MW-8A/28034023	EPA 245.1	MERP/1895	EPA 245.1	MERC/1885
9235210008	MW-9A/28034025	EPA 245.1	MERP/1895	EPA 245.1	MERC/1885
9235210009	MW-10A/28034026	EPA 245.1	MERP/1895	EPA 245.1	MERC/1885
9235210010	SW-1/28034028	EPA 245.1	MERP/1895	EPA 245.1	MERC/1885
9235210011	SW-2/28034030	EPA 245.1	MERP/1895	EPA 245.1	MERC/1885
9235210012	LEACHATE POND/28034032	EPA 245.1	MERP/1895	EPA 245.1	MERC/1885
9235210014	FIELD BLANK/28034037	EPA 245.1	MERP/1895	EPA 245.1	MERC/1885
9235210002	MW-5A/28034017	EPA 200.7	MPRP/3613	EPA 200.7	ICP/3390
9235210003	MW-6/28034018	EPA 200.7	MPRP/3613	EPA 200.7	ICP/3390
9235210004	MW-6A/28034019	EPA 200.7	MPRP/3613	EPA 200.7	ICP/3390
9235210005	MW-7A/28034021	EPA 200.7	MPRP/3613	EPA 200.7	ICP/3390
9235210006	MW-8/28034022	EPA 200.7	MPRP/3613	EPA 200.7	ICP/3390
9235210007	MW-8A/28034023	EPA 200.7	MPRP/3613	EPA 200.7	ICP/3390
9235210008	MW-9A/28034025	EPA 200.7	MPRP/3613	EPA 200.7	ICP/3390
9235210009	MW-10A/28034026	EPA 200.7	MPRP/3613	EPA 200.7	ICP/3390
9235210010	SW-1/28034028	EPA 200.7	MPRP/3613	EPA 200.7	ICP/3390
9235210011	SW-2/28034030	EPA 200.7	MPRP/3613	EPA 200.7	ICP/3390
9235210012	LEACHATE POND/28034032	EPA 200.7	MPRP/3613	EPA 200.7	ICP/3390
9235210014	FIELD BLANK/28034037	EPA 200.7	MPRP/3613	EPA 200.7	ICP/3390
9235210002	MW-5A/28034017	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210003	MW-6/28034018	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210004	MW-6A/28034019	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210005	MW-7A/28034021	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210006	MW-8/28034022	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210007	MW-8A/28034023	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210008	MW-9A/28034025	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210009	MW-10A/28034026	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210010	SW-1/28034028	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210011	SW-2/28034030	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210012	LEACHATE POND/28034032	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210013	QC-DAY 1 (MW-5A)/28034034	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210014	FIELD BLANK/28034037	EPA 3510	OEXT/5486	EPA 8015 Modified	GCSV/4496
9235210002	MW-5A/28034017	EPA 8260	MSV/5794		
9235210001	TRIP BLANK/28034013	EPA 8260	MSV/5796		
9235210008	MW-9A/28034025	EPA 8260	MSV/5796		
9235210009	MW-10A/28034026	EPA 8260	MSV/5796		
9235210010	SW-1/28034028	EPA 8260	MSV/5796		
9235210011	SW-2/28034030	EPA 8260	MSV/5796		
9235210012	LEACHATE POND/28034032	EPA 8260	MSV/5796		
9235210014	FIELD BLANK/28034037	EPA 8260	MSV/5796		
9235210002	MW-5A/28034017	ASTM D516-90	WETA/4191		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 08-DEC-0102
Pace Project No.: 9235210

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
9235210003	MW-6/28034018	ASTM D516-90	WETA/4191		
9235210004	MW-6A/28034019	ASTM D516-90	WETA/4191		
9235210005	MW-7A/28034021	ASTM D516-90	WETA/4191		
9235210006	MW-8/28034022	ASTM D516-90	WETA/4191		
9235210007	MW-8A/28034023	ASTM D516-90	WETA/4191		
9235210008	MW-9A/28034025	ASTM D516-90	WETA/4191		
9235210009	MW-10A/28034026	ASTM D516-90	WETA/4191		
9235210010	SW-1/28034028	ASTM D516-90	WETA/4191		
9235210011	SW-2/28034030	ASTM D516-90	WETA/4191		
9235210012	LEACHATE POND/28034032	ASTM D516-90	WETA/4191		
9235210014	FIELD BLANK/28034037	ASTM D516-90	WETA/4191		
9235210002	MW-5A/28034017	SM 2320B	WET/6822		
9235210003	MW-6/28034018	SM 2320B	WET/6822		
9235210004	MW-6A/28034019	SM 2320B	WET/6822		
9235210005	MW-7A/28034021	SM 2320B	WET/6822		
9235210006	MW-8/28034022	SM 2320B	WET/6822		
9235210007	MW-8A/28034023	SM 2320B	WET/6822		
9235210008	MW-9A/28034025	SM 2320B	WET/6822		
9235210009	MW-10A/28034026	SM 2320B	WET/6822		
9235210010	SW-1/28034028	SM 2320B	WET/6822		
9235210011	SW-2/28034030	SM 2320B	WET/6822		
9235210012	LEACHATE POND/28034032	SM 2320B	WET/6822		
9235210014	FIELD BLANK/28034037	SM 2320B	WET/6822		
9235210002	MW-5A/28034017	SM 4500-Cl-E	WETA/4202		
9235210003	MW-6/28034018	SM 4500-Cl-E	WETA/4202		
9235210004	MW-6A/28034019	SM 4500-Cl-E	WETA/4202		
9235210005	MW-7A/28034021	SM 4500-Cl-E	WETA/4202		
9235210006	MW-8/28034022	SM 4500-Cl-E	WETA/4202		
9235210007	MW-8A/28034023	SM 4500-Cl-E	WETA/4202		
9235210008	MW-9A/28034025	SM 4500-Cl-E	WETA/4202		
9235210009	MW-10A/28034026	SM 4500-Cl-E	WETA/4202		
9235210010	SW-1/28034028	SM 4500-Cl-E	WETA/4202		
9235210011	SW-2/28034030	SM 4500-Cl-E	WETA/4202		
9235210012	LEACHATE POND/28034032	SM 4500-Cl-E	WETA/4202		
9235210014	FIELD BLANK/28034037	SM 4500-Cl-E	WETA/4202		
9235210005	MW-7A/28034021	EPA 8260	MSV/5807		
9235210006	MW-8/28034022	EPA 8260	MSV/5807		
9235210007	MW-8A/28034023	EPA 8260	MSV/5807		
9235210003	MW-6/28034018	EPA 8260	MSV/5822		
9235210004	MW-6A/28034019	EPA 8260	MSV/5822		

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(724)850-5600

January 21, 2009

Kevin Herring
Pace Analytical Charlotte
9800 Kincey Ave.
Suite 100
Huntersville, NC 28078

RE: Project: 9235210
Pace Project No.: 303215

Dear Kevin Herring:
Enclosed are the analytical results for sample(s) received by the laboratory on January 03, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Jacquelyn Collins

jacquelyn.collins@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 9235210
Pace Project No.: 303215

Pennsylvania Certification IDs
Wyoming Certification #: 8TMS-Q
Wisconsin/PADEP Certification
West Virginia Certification #: 143
Washington Certification #: C1941
Virginia Certification #: 00112
Virgin Island/PADEP Certification
Utah/NELAC Certification #: ANTE
Texas/NELAC Certification #: T104704188-09 TX
Tennessee Certification #: TN2867
South Dakota Certification
South Carolina Certification #: 89010002
Pennsylvania/NELAC Certification #: 65-282
Oregon/NELAC Certification #: PA200002
North Carolina Certification #: 42706
New York/NELAC Certification #: 10888
New Mexico Certification
New Jersey/NELAC Certification #: PA 051
New Hampshire/NELAC Certification #: 2976
Nevada Certification
Montana Certification #: Cert 0082
Missouri Certification #: 235
Minnesota Certification #: 042-999-425
Michigan/PADEP Certification
Massachusetts Certification #: M-PA1457
Maryland Certification #: 308
Maine Certification #: PA0091
Louisiana/NELAC Certification #: LA080002
Louisiana/NELAC Certification #: 4086
Kentucky Certification #: 90133
Kansas/NELAC Certification #: E-10358
Iowa Certification #: 391
Indiana/PADEP Certification
Illinois/PADEP Certification
Idaho Certification
Hawaii/PADEP Certification
Guam/PADEP Certification
Georgia Certification #: 968
Florida/NELAC Certification #: E87683
Delaware Certification
Connecticut Certification #: PH 0694
Colorado Certification
California/NELAC Certification #: 04222CA
Arkansas Certification
Arizona Certification #: AZ0734
Alabama Certification #: 41590

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SAMPLE SUMMARY

Project: 9235210
Pace Project No.: 303215

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9235210002	9235210002	Water	12/29/08 08:15	01/03/09 10:30
9235120003	9235210003	Water	12/29/08 09:25	01/03/09 10:30
9235210004	9235210004	Water	12/29/08 09:45	01/03/09 10:30
9235210005	9235210005	Water	12/29/08 09:45	01/03/09 10:30
9235210006	9235210006	Water	12/29/08 12:15	01/03/09 10:30
9235210007	9235210007	Water	12/29/08 11:20	01/03/09 10:30
9235210008	9235210008	Water	12/29/08 11:00	01/03/09 10:30
9235210009	9235210009	Water	12/29/08 08:00	01/03/09 10:30
9235210010	9235210010	Water	12/29/08 12:45	01/03/09 10:30
9235210011	9235210011	Water	12/29/08 12:15	01/03/09 10:30
9235210012	9235210012	Water	12/29/08 10:10	01/03/09 10:30

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SAMPLE ANALYTE COUNT

Project: 9235210
Pace Project No.: 303215

Lab ID	Sample ID	Method	Analysts	Analytes Reported
9235210002	9235210002	EPA 900.0m	RMD	2
		EPA 906.0	CMC	1
9235120003	9235210003	EPA 900.0m	RMD	2
		EPA 906.0	CMC	1
9235210004	9235210004	EPA 900.0m	RMD	2
		EPA 906.0	CMC	1
9235210005	9235210005	EPA 900.0m	RMD	2
		EPA 906.0	CMC	1
9235210006	9235210006	EPA 900.0m	RMD	2
		EPA 906.0	CMC	1
9235210007	9235210007	EPA 900.0m	RMD	2
		EPA 906.0	CMC	1
9235210008	9235210008	EPA 900.0m	RMD	2
		EPA 906.0	CMC	1
9235210009	9235210009	EPA 900.0m	RMD	2
		EPA 906.0	CMC	1
9235210010	9235210010	EPA 900.0m	RMD	2
		EPA 906.0	CMC	1
9235210011	9235210011	EPA 900.0m	RMD	2
		EPA 906.0	CMC	1
9235210012	9235210012	EPA 900.0m	RMD	2
		EPA 906.0	CMC	1

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ANALYTICAL RESULTS

Project: 9235210
Pace Project No.: 303215

Sample: 9235210002 **Lab ID: 9235210002** Collected: 12/29/08 08:15 Received: 01/03/09 10:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0m	**0.827 ± 1.04 (2.11)**	pCi/L	01/18/09 11:50		
Gross Beta	EPA 900.0m	**1.09 ± 1.09 (2.23)**	pCi/L	01/18/09 11:50		
Tritium	EPA 906.0	**363 ± 146 (207)**	pCi/L	01/10/09 03:38		

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ANALYTICAL RESULTS

Project: 9235210
Pace Project No.: 303215

Sample: 9235210003 **Lab ID: 9235120003** Collected: 12/29/08 09:25 Received: 01/03/09 10:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0m	**-0.548 ± 0.988 (3.00)**	pCi/L	01/18/09 13:39		
Gross Beta	EPA 900.0m	**0.652 ± 0.914 (2.04)**	pCi/L	01/18/09 13:39		
Tritium	EPA 906.0	**23.1 ± 119 (207)**	pCi/L	01/10/09 04:39		

Date: 01/21/2009 05:12 PM

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ANALYTICAL RESULTS

Project: 9235210
Pace Project No.: 303215

Sample: 9235210004 **Lab ID: 9235210004** Collected: 12/29/08 09:45 Received: 01/03/09 10:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0m	**0.0114 ± 0.525 (1.49)**	pCi/L	01/18/09 13:35		
Gross Beta	EPA 900.0m	**0.282 ± 0.748 (1.75)**	pCi/L	01/18/09 13:35		
Tritium	EPA 906.0	**50.9 ± 120 (207)**	pCi/L	01/10/09 05:40		

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ANALYTICAL RESULTS

Project: 9235210
Pace Project No.: 303215

Sample: 9235210005 **Lab ID: 9235210005** Collected: 12/29/08 09:45 Received: 01/03/09 10:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0m	**-0.024 ± 0.663 (1.85)**	pCi/L	01/18/09 15:23		
Gross Beta	EPA 900.0m	**0.626 ± 0.754 (1.62)**	pCi/L	01/18/09 15:23		
Tritium	EPA 906.0	**202 ± 132 (207)**	pCi/L	01/10/09 06:41		

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www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 9235210
Pace Project No.: 303215

Sample: 9235210006 **Lab ID: 9235210006** Collected: 12/29/08 12:15 Received: 01/03/09 10:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0m	**0.512 ± 0.881 (1.97)**	pCi/L	01/18/09 13:39		
Gross Beta	EPA 900.0m	**0.781 ± 0.802 (1.65)**	pCi/L	01/18/09 13:39		
Tritium	EPA 906.0	**62.2 ± 121 (206)**	pCi/L	01/10/09 07:42		

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ANALYTICAL RESULTS

Project: 9235210
Pace Project No.: 303215

Sample: 9235210007 | **Lab ID: 9235210007** | Collected: 12/29/08 11:20 | Received: 01/03/09 10:30 | Matrix: Water
PWS: | Site ID: | Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0m	**0.231 ± 0.700 (1.73)**	pCi/L	01/18/09 15:19		
Gross Beta	EPA 900.0m	**0.692 ± 0.818 (1.75)**	pCi/L	01/18/09 15:19		
Tritium	EPA 906.0	**18.5 ± 118 (207)**	pCi/L	01/10/09 08:43		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9235210
Pace Project No.: 303215

Sample: 9235210008 **Lab ID: 9235210008** Collected: 12/29/08 11:00 Received: 01/03/09 10:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0m	**0.353 ± 0.798 (1.88)**	pCi/L	01/18/09 15:19		
Gross Beta	EPA 900.0m	**0.0935 ± 0.719 (1.73)**	pCi/L	01/18/09 15:19		
Tritium	EPA 906.0	**57.7 ± 121 (206)**	pCi/L	01/10/09 09:45		

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ANALYTICAL RESULTS

Project: 9235210
Pace Project No.: 303215

Sample: 9235210009 | **Lab ID: 9235210009** | Collected: 12/29/08 08:00 | Received: 01/03/09 10:30 | Matrix: Water
PWS: | Site ID: | Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0m	**0.544 ± 0.779 (1.66)**	pCi/L	01/18/09 15:23		
Gross Beta	EPA 900.0m	**1.06 ± 0.901 (1.80)**	pCi/L	01/18/09 15:23		
Tritium	EPA 906.0	**104 ± 124 (206)**	pCi/L	01/10/09 10:46		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9235210
Pace Project No.: 303215

Sample: 9235210010 **Lab ID: 9235210010** Collected: 12/29/08 12:45 Received: 01/03/09 10:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0m	**0.555 ± 0.351 (0.512)**	pCi/L	01/18/09 16:04		
Gross Beta	EPA 900.0m	**0.997 ± 0.485 (0.716)**	pCi/L	01/18/09 16:04		
Tritium	EPA 906.0	**127 ± 126 (207)**	pCi/L	01/10/09 11:47		

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ANALYTICAL RESULTS

Project: 9235210
Pace Project No.: 303215

Sample: 9235210011 | **Lab ID: 9235210011** | Collected: 12/29/08 12:15 | Received: 01/03/09 10:30 | Matrix: Water
PWS: | Site ID: | Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0m	**-0.154 ± 0.723 (2.00)**	pCi/L	01/18/09 17:16		
Gross Beta	EPA 900.0m	**0.489 ± 0.698 (1.54)**	pCi/L	01/18/09 17:16		
Tritium	EPA 906.0	**134 ± 126 (207)**	pCi/L	01/10/09 12:48		

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ANALYTICAL RESULTS

Project: 9235210
Pace Project No.: 303215

Sample: 9235210012 | **Lab ID: 9235210012** | Collected: 12/29/08 10:10 | Received: 01/03/09 10:30 | Matrix: Water
PWS: | Site ID: | Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0m	**4.62 ± 1.36 (1.22)**	pCi/L	01/19/09 19:52		
Gross Beta	EPA 900.0m	**9.75 ± 2.00 (1.08)**	pCi/L	01/19/09 19:52		
Tritium	EPA 906.0	**617 ± 171 (207)**	pCi/L	01/10/09 13:49		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 9235210
Pace Project No.: 303215

QC Batch: RADC/1288
Analysis Method: EPA 906.0
QC Batch Method: EPA 906.0
Analysis Description: 906.0 Tritium
Associated Lab Samples: 9235120003, 9235210002, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012

METHOD BLANK: 17402
Matrix: Water
Associated Lab Samples: 9235120003, 9235210002, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Tritium	191 ± 128 (206)	pCi/L	01/09/09 21:31	

REPORT OF LABORATORY ANALYSIS

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Greensburg, PA 15601
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QUALITY CONTROL DATA

Project: 9235210
Pace Project No.: 303215

QC Batch: RADC/1345 Analysis Method: EPA 900.0m
QC Batch Method: EPA 900.0m Analysis Description: 900.0 Gross Alpha/Beta
Associated Lab Samples: 9235120003, 9235210002, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012

METHOD BLANK: 19408 Matrix: Water
Associated Lab Samples: 9235120003, 9235210002, 9235210004, 9235210005, 9235210006, 9235210007, 9235210008, 9235210009, 9235210010, 9235210011, 9235210012

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Gross Alpha	0.476 ± 0.679 (1.44)	pCi/L	01/18/09 15:20	
Gross Beta	0.471 ± 0.792 (1.75)	pCi/L	01/18/09 15:20	

REPORT OF LABORATORY ANALYSIS

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Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: 9235210
Pace Project No.: 303215

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.

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

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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 9235210
Pace Project No.: 303215

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
9235210002	9235210002	EPA 906.0	RADC/1288		
9235120003	9235210003	EPA 906.0	RADC/1288		
9235210004	9235210004	EPA 906.0	RADC/1288		
9235210005	9235210005	EPA 906.0	RADC/1288		
9235210006	9235210006	EPA 906.0	RADC/1288		
9235210007	9235210007	EPA 906.0	RADC/1288		
9235210008	9235210008	EPA 906.0	RADC/1288		
9235210009	9235210009	EPA 906.0	RADC/1288		
9235210010	9235210010	EPA 906.0	RADC/1288		
9235210011	9235210011	EPA 906.0	RADC/1288		
9235210012	9235210012	EPA 906.0	RADC/1288		
9235210002	9235210002	EPA 900.0m	RADC/1345		
9235120003	9235210003	EPA 900.0m	RADC/1345		
9235210004	9235210004	EPA 900.0m	RADC/1345		
9235210005	9235210005	EPA 900.0m	RADC/1345		
9235210006	9235210006	EPA 900.0m	RADC/1345		
9235210007	9235210007	EPA 900.0m	RADC/1345		
9235210008	9235210008	EPA 900.0m	RADC/1345		
9235210009	9235210009	EPA 900.0m	RADC/1345		
9235210010	9235210010	EPA 900.0m	RADC/1345		
9235210011	9235210011	EPA 900.0m	RADC/1345		
9235210012	9235210012	EPA 900.0m	RADC/1345		

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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) 875-5038

Analytical Laboratory Use Only

LIMS # 08-DEC-0102 | Sample Class GWATER | Samples Originating From NC ✓ SC ___

Logged By VAS | Date & Time 12/4/08 6:30

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

Vendor [redacted]

PO # PACE PO# ISWO1.341

Cooler Temp (C)

MR #

[19]Page 1 of 1

DISTRIBUTION
ORIGINAL to LAB,
COPY to CLIENT

9235210

Customer must Complete

1)Project Name: MNS LANDFILL 2 | 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

Customer to complete all appropriate NON-SHADED areas.

Customer to complete appropriate columns to right

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

[16]Analyses Required

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's	ALK, SO4, Cl		GeLl, Gross A & B	Tritium	Hg	METALS - (Ag, As, Ba, Ca Cd, Cr, K, Mg, Na, Pb, Se)		8015 / 3520 DRO for TPH		Chlorine (ppm)	[20]Total # of Containers	
								1, 4	4		3	5	3	3		4				
28034013		TRIP BLANK	12/29/08	0500	ED Lll		X	3										n/a	3	001
~~28034014~~		MW-5 NO SAMPLE - VOC					~~X~~	~~3~~	~~1~~		~~1~~	~~1~~	~~1~~	~~1~~		~~1~~			~~9~~	
28034015	17	MW-5A	12/29/08	0815	ED Lll		X	3	1		1	1	1	1		1		~~0~~	9	002
28034016	18	MW-6	12/29/08	0925	Ron Nila		X	3	1		1	1	1	1		1		~~0~~	9	003
28034017	19	MW-6A	12/29/08	0945	Ron Nila		X	3	1		1	1	1	1		1		~~0~~	9	004
~~28034018~~		MW-7 NO SAMPLE - VOC					~~X~~	~~3~~	~~1~~		~~1~~	~~1~~	~~1~~	~~1~~		~~1~~			~~9~~	
28034019	21	MW-7A	12/29/08	0945	ED Lll		X	3	1		1	1	1	1		1		~~0~~	9	005
28034020	22	MW-8	12/29/08	1215	Ron Nila		X	3	1		1	1	1	1		1		~~0~~	9	006
28034021	23	MW-8A	12/29/08	1120	ED Lll		X	3	1		1	1	1	1		1		~~0~~	9	007
~~28034022~~		MW-9 NO SAMPLE (RCW)					~~X~~	~~3~~	~~1~~		~~1~~	~~1~~	~~1~~	~~1~~		~~1~~			~~9~~	
28034023	25	MW-9A	12/29/08	1100	Ron Nila		X	3	1		1	1	1	1		1		~~0~~	9	008
28034024	26	MW-10A	12/29/08	0800	Ron Nila		X	3	1		1	1	1	1		1		~~0~~	9	009

Customer to sign & date below

	Date/Time		Date/Time
21)Relinquished By: Ron Nila	12/29/08 1355	Accepted By: ED Lll	12/29/08 1355
Relinquished By: ED Lll	12/30/08 13:56	Accepted By: Gale Clt	12-30-08 1356
Relinquished By: Gale Clt	12-30-08 15:34	Accepted By:	
23)Seal/Locked By		Sealed/Lock Opened By	12/30/08 1534

24)Comments: INSUFFICIENT VOL TO COLLECT SAMPLES FOR MW5, MW7

SPECIAL NOTE: DO NOT VENDOR THE VOC ANALYSES

Customer, important! please indicate desired turnaround

[22]Requested Turnaround
14 Days ✓ (4/11)
*7 Days ___
*48 Hr ___
*Other ___
* Add. Cost Will Apply

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) 87

Analytical Laboratory Use Only

LIMS # 08-DEC-0102 | Sample Class GWATER | Samples Originating From NC √ SC ___

Logged By VAS | Date & Time 12/4/08 6:30

SAMPLE PROGRAM: Ground Water √ | NPDES ___ | Drinking Water ___ | UST ___ | RCRA Waste ___

[19]Page 1 of 1

DISTRIBUTION
ORIGINAL to LAB,
COPY to CLIENT

9235210

Customer must Complete

1)Project Name: *MNS LANDFILL 2* | 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: [redacted]
PO #: PACE PO# ISWO1.341
MR #:
Cooler Temp (C)
[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's (1, 4)	ALK, SO4, Cl (4)		GeLl, Gross A & B (3)	Tritium (5)	Hg (3)	METALS - (Ag, As, Ba, Ca, Cd, Cr, K, Mg, Na, Pb, Se) (3)		8015 / 3520 DRO for TPH (4)		Chlorine (ppm)	[20]Total # of Containers	
28034028		SW-1	12/29/08	1245	WD Cell		X	3	1		1	1	1	1		1		~~Ø~~	9	010
28034030		SW-2	12/29/08	1215	WD Cell		X	3	1		1	1	1	1		1		~~Ø~~	9	011
28034032		LEACHATE POND	12/29/08	1010	WD Cell		X	3	1		1	1	1	1		1		~~Ø~~	9	012
28034034		QC - DAY 1 (WELL # MW-5A)	12/29/08	0815	WD Cell		X									1		~~Ø~~	1	013
~~28034035~~		QC - DAY 2 (WELL # ____ NO	SAMPLE		— DC		X									1				
28034037		FIELD BLANK	12/29/08	1310	Rw Wa		X	3	1				1	1		1		n/a	7	014

Customer to sign & date below

21)Relinquished By:	Date/Time 12/29/08 1355	Accepted By:	Date/Time 12/29/8 13:55
Relinquished By:	Date/Time 12/30/8 13:50	Accepted By: pace cH	Date/Time 12-30-08 13:54
Relinquished By: pace cH	Date/Time 12-30-08 15:34	Accepted By:	Date/Time
23)Seal/Locked By	Date/Time	Sealed/Lock/Opened By	Date/Time 12/30/08 1534

24)Comments

SPECIAL NOTE: DO NOT VENDOR THE VOC ANALYSES

Customer, important please indicate desired turnaround

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Duke Energy Project # 9235210

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

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

Optional
Proj. Due Date: N/A
Proj. Name: N/A

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

Thermometer Used T060 Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 3.9 Biological Tissue is Frozen: Yes No (N/A)

Date and Initials of person examining contents: 12/31/08

Temp should be above freezing to 6°C

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

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: BKM Date: 12/31/08

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

Duke Energy

Radiological Data for ChemJob: 08-DEC-0102

Report Generated: 1/12/2009 08:57:20

STATION: MCGUIRE
LOCATION: MW-5A
TYPE: LANDFILL

Chem Group 1 Sample #: 28034015
EnRad Group 3 Sample #: 28007850

MNS LANDFILL 2 | MW-5A

12/29/08 08:15:00 to 12/29/08 08:15:00

ALPHAH20_P GROSS ALPHA WATER ANALYSIS (PICOCURIES)

	Activity	Error	
ALPHA	< -4.93E-02		pCi/l

BETAH20 GROSS BETA WATER ANALYSIS

	Activity	Error	
BETA	7.600E-01	3.860E-01	pCi/l

GAMMAGW GAMMA GROUND WATER ANALYSIS

	Activity	Error	
MN54	< 4.966E+00	0.000E+00	pCi/l
CO58	< 6.150E+00	0.000E+00	pCi/l
FE59	< 9.293E+00	0.000E+00	pCi/l
CO60	< 4.977E+00	0.000E+00	pCi/l
ZN65	< 9.661E+00	0.000E+00	pCi/l
NB95	< 4.538E+00	0.000E+00	pCi/l
ZR95	< 8.346E+00	0.000E+00	pCi/l
I131	< 5.445E+00	0.000E+00	pCi/l
CS134	< 4.758E+00	0.000E+00	pCi/l
CS137	< 4.305E+00	0.000E+00	pCi/l
BALA140	< 7.989E+00	0.000E+00	pCi/l
BE7	< 4.293E+01	0.000E+00	pCi/l
K40	9.701E+01	2.584E+01	pCi/l

H3GW TRITIUM ANALYSIS OF GROUND WATER

	Activity	Error	
H3	< -1.33E-02		pCi/l

STATION: MCGUIRE
LOCATION: MW-6
TYPE: LANDFILL

Chem Group 1 Sample #: 28034016
EnRad Group 3 Sample #: 28007851

MNS LANDFILL 2 | MW-6

12/29/08 09:25:00 to 12/29/08 09:25:00

ALPHAH20_P GROSS ALPHA WATER ANALYSIS (PICOCURIES)

	Activity	Error	
ALPHA	< 1.02E-01		pCi/l

BETAH20 GROSS BETA WATER ANALYSIS

	Activity	Error	
BETA	9.400E-01	4.040E-01	pCi/l

Duke Energy

Radiological Data for ChemJob: 08-DEC-0102

Report Generated: 1/12/2009 08:57:20

STATION: MCGUIRE
LOCATION: MW-6
TYPE: LANDFILL

Chem Group 1 Sample #: 28034016
EnRad Group 3 Sample #: 28007851

12/29/08 09:25:00 to 12/29/08 09:25:00

MNS LANDFILL 2 | MW-6

GAMMAGW — GAMMA GROUND WATER ANALYSIS

	Activity	Error	
MN54	< 3.471E+00	0.000E+00	pCi/l
CO58	< 3.503E+00	0.000E+00	pCi/l
FE59	< 6.874E+00	0.000E+00	pCi/l
CO60	< 3.535E+00	0.000E+00	pCi/l
ZN65	< 8.188E+00	0.000E+00	pCi/l
NB95	< 3.997E+00	0.000E+00	pCi/l
ZR95	< 5.953E+00	0.000E+00	pCi/l
I131	< 3.838E+00	0.000E+00	pCi/l
CS134	< 3.490E+00	0.000E+00	pCi/l
CS137	< 3.829E+00	0.000E+00	pCi/l
BALA140	< 4.805E+00	0.000E+00	pCi/l
BE7	< 2.619E+01	0.000E+00	pCi/l
K40	8.803E+01	2.204E+01	pCi/l

H3GW — TRITIUM ANALYSIS OF GROUND WATER

	Activity	Error	
H3	< 0.00E+00		pCi/l

STATION: MCGUIRE
LOCATION: MW-6A
TYPE: LANDFILL

Chem Group 1 Sample #: 28034017
EnRad Group 3 Sample #: 28007852

12/29/08 09:45:00 to 12/29/08 09:45:00

MNS LANDFILL 2 | MW-6A

ALPHAH20_P — GROSS ALPHA WATER ANALYSIS (PICOCURIES)

	Activity	Error	
ALPHA	< 8.80E-02		pCi/l

BETAH20 — GROSS BETA WATER ANALYSIS

	Activity	Error	
BETA	< 5.96E-01		pCi/l

GAMMAGW — GAMMA GROUND WATER ANALYSIS

	Activity	Error	
MN54	< 8.578E+00	0.000E+00	pCi/l
CO58	< 5.175E+00	0.000E+00	pCi/l
FE59	< 1.054E+01	0.000E+00	pCi/l
CO60	< 9.363E+00	0.000E+00	pCi/l
ZN65	< 6.671E+00	0.000E+00	pCi/l
NB95	< 9.412E+00	0.000E+00	pCi/l

Duke Energy

Radiological Data for ChemJob: 08-DEC-0102

Report Generated: 1/12/2009 08:57:20

STATION: MCGUIRE
LOCATION: MW-6A
TYPE: LANDFILL

Chem Group 1 Sample #: 28034017
EnRad Group 3 Sample #: 28007852

MNS LANDFILL 2 | MW-6A

12/29/08 09:45:00 to 12/29/08 09:45:00

GAMMAGW GAMMA GROUND WATER ANALYSIS

	Activity	Error	
ZR95	< 1.089E+01	0.000E+00	pCi/l
I131	< 6.647E+00	0.000E+00	pCi/l
CS134	< 5.477E+00	0.000E+00	pCi/l
CS137	< 7.782E+00	0.000E+00	pCi/l
BALA140	< 1.487E+01	0.000E+00	pCi/l
BE7	< 4.519E+01	0.000E+00	pCi/l
K40	< 1.137E+02	0.000E+00	pCi/l

H3GW TRITIUM ANALYSIS OF GROUND WATER

	Activity	Error	
H3	< -1.18E+02		pCi/l

STATION: MCGUIRE
LOCATION: MW-7A
TYPE: LANDFILL

Chem Group 1 Sample #: 28034019
EnRad Group 3 Sample #: 28007853

MNS LANDFILL 2 | MW-7A

12/29/08 09:45:00 to 12/29/08 09:45:00

ALPHAH20_P GROSS ALPHA WATER ANALYSIS (PICOCURIES)

	Activity	Error	
ALPHA	< 5.09E-02		pCi/l

BETAH20 GROSS BETA WATER ANALYSIS

	Activity	Error	
BETA	< 4.69E-01		pCi/l

GAMMAGW GAMMA GROUND WATER ANALYSIS

	Activity	Error	
MN54	< 3.729E+00	0.000E+00	pCi/l
CO58	< 3.395E+00	0.000E+00	pCi/l
FE59	< 7.022E+00	0.000E+00	pCi/l
CO60	< 4.148E+00	0.000E+00	pCi/l
ZN65	< 8.884E+00	0.000E+00	pCi/l
NB95	< 4.475E+00	0.000E+00	pCi/l
ZR95	< 5.782E+00	0.000E+00	pCi/l
I131	< 4.424E+00	0.000E+00	pCi/l
CS134	< 3.445E+00	0.000E+00	pCi/l
CS137	< 4.448E+00	0.000E+00	pCi/l
BALA140	< 4.870E+00	0.000E+00	pCi/l
BE7	< 3.126E+01	0.000E+00	pCi/l

EnRad Job #: 08-DEC-0017

Duke Energy

Radiological Data for ChemJob: 08-DEC-0102

Report Generated: 1/12/2009 08:57:20

STATION: MCGUIRE
LOCATION: MW-7A
TYPE: LANDFILL

Chem Group 1 Sample #: 28034019
EnRad Group 3 Sample #: 28007853

MNS LANDFILL 2 | MW-7A

12/29/08 09:45:00 to 12/29/08 09:45:00

GAMMAGW GAMMA GROUND WATER ANALYSIS

	Activity	Error	
K40	1.334E+02	2.510E+01	pCi/l

H3GW TRITIUM ANALYSIS OF GROUND WATER

	Activity	Error	
H3	< -1.06E+01		pCi/l

STATION: MCGUIRE
LOCATION: MW-8
TYPE: LANDFILL

Chem Group 1 Sample #: 28034020
EnRad Group 3 Sample #: 28007854

MNS LANDFILL 2 | MW-8

12/29/08 12:15:00 to 12/29/08 12:15:00

ALPHAH20_P GROSS ALPHA WATER ANALYSIS (PICOCURIES)

	Activity	Error	
ALPHA	< -4.99E-03		pCi/l

BETAH20 GROSS BETA WATER ANALYSIS

	Activity	Error	
BETA	8.720E-01	4.090E-01	pCi/l

GAMMAGW GAMMA GROUND WATER ANALYSIS

	Activity	Error	
MN54	< 3.758E+00	0.000E+00	pCi/l
CO58	< 2.926E+00	0.000E+00	pCi/l
FE59	< 6.481E+00	0.000E+00	pCi/l
CO60	< 4.041E+00	0.000E+00	pCi/l
ZN65	< 9.727E+00	0.000E+00	pCi/l
NB95	< 3.787E+00	0.000E+00	pCi/l
ZR95	< 7.013E+00	0.000E+00	pCi/l
I131	< 3.055E+00	0.000E+00	pCi/l
CS134	< 3.279E+00	0.000E+00	pCi/l
CS137	< 3.442E+00	0.000E+00	pCi/l
BALA140	< 4.236E+00	0.000E+00	pCi/l
BE7	< 2.776E+01	0.000E+00	pCi/l
K40	4.932E+01	1.495E+01	pCi/l

H3GW TRITIUM ANALYSIS OF GROUND WATER

	Activity	Error	
H3	< 2.33E+01		pCi/l

Duke Energy

Radiological Data for ChemJob: 08-DEC-0102

Report Generated: 1/12/2009 08:57:20

STATION: MCGUIRE
LOCATION: MW-8A
TYPE: LANDFILL

Chem Group 1 Sample #: 28034021
EnRad Group 3 Sample #: 28007855

12/29/08 11:20:00 to 12/29/08 11:20:00

MNS LANDFILL 2 | MW-8A

ALPHAH20_P GROSS ALPHA WATER ANALYSIS (PICOCURIES)

	Activity	Error	
ALPHA	< -1.05E-01		pCi/l

BETAH20 GROSS BETA WATER ANALYSIS

	Activity	Error	
BETA	6.500E-01	3.910E-01	pCi/l

GAMMAGW GAMMA GROUND WATER ANALYSIS

	Activity	Error	
MN54	< 4.498E+00	0.000E+00	pCi/l
CO58	< 3.978E+00	0.000E+00	pCi/l
FE59	< 8.145E+00	0.000E+00	pCi/l
CO60	< 4.300E+00	0.000E+00	pCi/l
ZN65	< 8.281E+00	0.000E+00	pCi/l
NB95	< 4.966E+00	0.000E+00	pCi/l
ZR95	< 6.489E+00	0.000E+00	pCi/l
I131	< 4.492E+00	0.000E+00	pCi/l
CS134	< 3.864E+00	0.000E+00	pCi/l
CS137	< 4.307E+00	0.000E+00	pCi/l
BALA140	< 5.997E+00	0.000E+00	pCi/l
BE7	< 3.594E+01	0.000E+00	pCi/l
K40	6.113E+01	2.163E+01	pCi/l

H3GW TRITIUM ANALYSIS OF GROUND WATER

	Activity	Error	
H3	< -1.51E+02		pCi/l

STATION: MCGUIRE
LOCATION: MW-9A
TYPE: LANDFILL

Chem Group 1 Sample #: 28034023
EnRad Group 3 Sample #: 28007856

12/29/08 11:00:00 to 12/29/08 11:00:00

MNS LANDFILL 2 | MW-9A

ALPHAH20_P GROSS ALPHA WATER ANALYSIS (PICOCURIES)

	Activity	Error	
ALPHA	< 3.17E-04		pCi/l

BETAH20 GROSS BETA WATER ANALYSIS

	Activity	Error	
BETA	< -5.70E-02		pCi/l

Duke Energy

Radiological Data for ChemJob: 08-DEC-0102

Report Generated: 1/12/2009 08:57:20

STATION: MCGUIRE
LOCATION: MW-9A
TYPE: LANDFILL

Chem Group 1 Sample #: 28034023
EnRad Group 3 Sample #: 28007856

MNS LANDFILL 2 | MW-9A

12/29/08 11:00:00 to 12/29/08 11:00:00

GAMMAGW GAMMA GROUND WATER ANALYSIS

	Activity	Error	
MN54	< 5.014E+00	0.000E+00	pCi/l
CO58	< 5.041E+00	0.000E+00	pCi/l
FE59	< 7.346E+00	0.000E+00	pCi/l
CO60	< 5.712E+00	0.000E+00	pCi/l
ZN65	< 9.201E+00	0.000E+00	pCi/l
NB95	< 4.951E+00	0.000E+00	pCi/l
ZR95	< 8.014E+00	0.000E+00	pCi/l
I131	< 4.240E+00	0.000E+00	pCi/l
CS134	< 4.607E+00	0.000E+00	pCi/l
CS137	< 4.473E+00	0.000E+00	pCi/l
BALA140	< 4.823E+00	0.000E+00	pCi/l
BE7	< 4.347E+01	0.000E+00	pCi/l
K40	6.999E+01	2.980E+01	pCi/l

H3GW TRITIUM ANALYSIS OF GROUND WATER

	Activity	Error	
H3	< -8.34E+01		pCi/l

STATION: MCGUIRE
LOCATION: MW-10A
TYPE: LANDFILL

Chem Group 1 Sample #: 28034024
EnRad Group 3 Sample #: 28007857

MNS LANDFILL 2 | MW-10A

12/29/08 08:00:00 to 12/29/08 08:00:00

ALPHAH20_P GROSS ALPHA WATER ANALYSIS (PICOCURIES)

	Activity	Error	
ALPHA	< -1.33E-01		pCi/l

BETAH20 GROSS BETA WATER ANALYSIS

	Activity	Error	
BETA	1.240E+00	3.940E-01	pCi/l

GAMMAGW GAMMA GROUND WATER ANALYSIS

	Activity	Error	
MN54	< 5.441E+00	0.000E+00	pCi/l
CO58	< 3.885E+00	0.000E+00	pCi/l
FE59	< 1.240E+01	0.000E+00	pCi/l
CO60	< 4.711E+00	0.000E+00	pCi/l
ZN65	< 9.423E+00	0.000E+00	pCi/l
NB95	< 5.974E+00	0.000E+00	pCi/l

EnRad Job #: 08-DEC-0017

Duke Energy

Radiological Data for ChemJob: 08-DEC-0102

Report Generated: 1/12/2009 08:57:20

STATION: MCGUIRE
LOCATION: MW-10A
TYPE: LANDFILL

Chem Group 1 Sample #: 28034024
EnRad Group 3 Sample #: 28007857

MNS LANDFILL 2 | MW-10A

12/29/08 08:00:00 to 12/29/08 08:00:00

GAMMAGW GAMMA GROUND WATER ANALYSIS

	Activity	Error	
ZR95	< 8.201E+00	0.000E+00	pCi/l
I131	< 4.215E+00	0.000E+00	pCi/l
CS134	< 3.779E+00	0.000E+00	pCi/l
CS137	< 3.516E+00	0.000E+00	pCi/l
BALA140	< 4.912E+00	0.000E+00	pCi/l
BE7	< 4.547E+01	0.000E+00	pCi/l
K40	6.314E+01	2.087E+01	pCi/l

H3GW TRITIUM ANALYSIS OF GROUND WATER

	Activity	Error	
H3	< 8.12E+01		pCi/l

STATION: MCGUIRE
LOCATION: LF#2 SW-1
TYPE: LANDFILL

Chem Group 1 Sample #: 28034028
EnRad Group 3 Sample #: 28007858

MNS LANDFILL 2 | SW-1

12/29/08 12:45:00 to 12/29/08 12:45:00

ALPHAH20_P GROSS ALPHA WATER ANALYSIS (PICOCURIES)

	Activity	Error	
ALPHA	< -6.20E-02		pCi/l

BETAH20 GROSS BETA WATER ANALYSIS

	Activity	Error	
BETA	1.400E+00	4.150E-01	pCi/l

GAMMAGW GAMMA GROUND WATER ANALYSIS

	Activity	Error	
MN54	< 4.840E+00	0.000E+00	pCi/l
CO58	< 5.110E+00	0.000E+00	pCi/l
FE59	< 1.195E+01	0.000E+00	pCi/l
CO60	< 4.805E+00	0.000E+00	pCi/l
ZN65	< 9.224E+00	0.000E+00	pCi/l
NB95	< 5.671E+00	0.000E+00	pCi/l
ZR95	< 8.629E+00	0.000E+00	pCi/l
I131	< 5.821E+00	0.000E+00	pCi/l
CS134	< 5.271E+00	0.000E+00	pCi/l
CS137	< 5.933E+00	0.000E+00	pCi/l
BALA140	< 6.597E+00	0.000E+00	pCi/l
BE7	< 4.249E+01	0.000E+00	pCi/l

EnRad Job #: 08-DEC-0017

Duke Energy

Radiological Data for ChemJob: 08-DEC-0102

Report Generated: 1/12/2009 08:57:20

STATION: MCGUIRE
LOCATION: LF#2 SW-1
TYPE: LANDFILL

Chem Group 1 Sample #: 28034028
EnRad Group 3 Sample #: 28007858

12/29/08 12:45:00 to 12/29/08 12:45:00

MNS LANDFILL 2 | SW-1

GAMMAGW — GAMMA GROUND WATER ANALYSIS

	Activity	Error	
K40	1.966E+01	3.138E+01	pCi/l

H3GW — TRITIUM ANALYSIS OF GROUND WATER

	Activity	Error	
H3	< 8.10E+01		pCi/l

STATION: MCGUIRE
LOCATION: LF#2 SW-2
TYPE: LANDFILL

Chem Group 1 Sample #: 28034030
EnRad Group 3 Sample #: 28007859

12/29/08 12:15:00 to 12/29/08 12:15:00

MNS LANDFILL 2 | SW-2

ALPHAH20_P — GROSS ALPHA WATER ANALYSIS (PICOCURIES)

	Activity	Error	
ALPHA	6.270E-01	2.790E-01	pCi/l

BETAH20 — GROSS BETA WATER ANALYSIS

	Activity	Error	
BETA	9.710E-01	4.040E-01	pCi/l

GAMMAGW — GAMMA GROUND WATER ANALYSIS

	Activity	Error	
MN54	< 7.437E+00	0.000E+00	pCi/l
CO58	< 6.305E+00	0.000E+00	pCi/l
FE59	< 1.134E+01	0.000E+00	pCi/l
CO60	< 1.174E+01	0.000E+00	pCi/l
ZN65	< 7.354E+00	0.000E+00	pCi/l
NB95	< 7.760E+00	0.000E+00	pCi/l
ZR95	< 1.416E+01	0.000E+00	pCi/l
I131	< 7.077E+00	0.000E+00	pCi/l
CS134	< 5.745E+00	0.000E+00	pCi/l
CS137	< 7.932E+00	0.000E+00	pCi/l
BALA140	< 7.488E+00	0.000E+00	pCi/l
BE7	< 6.382E+01	0.000E+00	pCi/l
K40	< 1.590E+02	0.000E+00	pCi/l

H3GW — TRITIUM ANALYSIS OF GROUND WATER

	Activity	Error	
H3	< -8.42E+01		pCi/l

Duke Energy

Radiological Data for ChemJob: 08-DEC-0102

Report Generated: 1/12/2009 08:57:20

STATION: MCGUIRE
LOCATION: LEACHATE
TYPE: LANDFILL

Chem Group 1 Sample #: 28034032
EnRad Group 3 Sample #: 28007860

MNS LANDFILL 2 | LEACHATE POND

12/29/08 10:10:00 to 12/29/08 10:10:00

ALPHAH20_P GROSS ALPHA WATER ANALYSIS (PICOCURIES)

	Activity	Error	
ALPHA	1.920E+00	6.190E-01	pCi/l

BETAH20 GROSS BETA WATER ANALYSIS

	Activity	Error	
BETA	1.570E+01	9.130E-01	pCi/l

GAMMAGW GAMMA GROUND WATER ANALYSIS

	Activity	Error	
MN54	< 3.379E+00	0.000E+00	pCi/l
CO58	< 3.328E+00	0.000E+00	pCi/l
FE59	< 6.611E+00	0.000E+00	pCi/l
CO60	< 3.367E+00	0.000E+00	pCi/l
ZN65	< 7.497E+00	0.000E+00	pCi/l
NB95	< 3.105E+00	0.000E+00	pCi/l
ZR95	< 5.894E+00	0.000E+00	pCi/l
I131	< 3.317E+00	0.000E+00	pCi/l
CS134	< 3.165E+00	0.000E+00	pCi/l
CS137	< 3.583E+00	0.000E+00	pCi/l
BALA140	< 5.656E+00	0.000E+00	pCi/l
BE7	< 2.160E+01	0.000E+00	pCi/l
K40	5.436E+01	2.197E+01	pCi/l

H3GW TRITIUM ANALYSIS OF GROUND WATER

	Activity	Error	
H3	1.720E+02	5.270E+01	pCi/l

EnRad Job #: 08-DEC-0017

Sigmon, Vickie A

From: Sigmon, Timothy S

Sent: Monday, January 12, 2009 10:24 AM

To: Wike, Rodney G; Sigmon, Vickie A

Cc: Whisenant, Troy L; Hunsucker, Timothy S; Campbell, Lloyd D III; Martinec, Cynthia D; Holden, Dale E; Smith, Harold D; Spencer, William C; Sloan, Harry J

Subject: MNS Landfill 2 Radiological data / ChemJOB 08-DEC-0102, EnRadJOB 08-DEC-0017 | McGuire Landfill 2

Follow Up Flag: Follow up

Flag Status: Red

Attachments: CHEMJOB 08-DEC-0102.pdf

Attached are the data for CHEM JOB 08-DEC-0102 / EnRad JOB 08-DEC-0017. Please let me know if you have any questions about the data. Thanks, Tim

- The sample scheduled for well MW-5 (Chem ID # 28034014) was not available at time of collection according to sample collection personnel.
- The sample scheduled for well MW-7 (Chem ID # 28034018) was not available at time of collection according to sample collection personnel.
- The sample scheduled for well MW-9 (Chem ID # 28034022) was not available at time of collection according to sample collection personnel.

Tim Sigmon
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