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):

HDR Engineering, Inc.

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

Name: Michael Plummer Phone: 704-338-6700

E-mail: michael.plummer@hdrinc.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Old Salisbury Road Landfill	3336 Old Salisbury Road Winston-Salem, NC 27127	34-12	.1600	March 28, 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.

Michael Plummer — Project Manager — 704-338-6700

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

Signature — 7/14/2008 Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA PROFESSIONAL SEAL 025495 ENGINEER MICHAEL D. PLUMMER

Revised 01/2007

July 14, 2008

Ms. Jaclynne Drummond
North Carolina Department of Environment
and Natural Resources (NCDENR)
Environmental Compliance
Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

Re: Spring 2008 Semiannual Groundwater Sampling Analytical
and Landfill Gas Monitoring Results
Winston-Salem Construction and Demolition (C&D) Landfill (No. 34-12)
Forsyth County, North Carolina
HDR Project No. 00162-81616-018

Dear Ms. Drummond:

HDR Engineering, Inc. of the Carolinas (HDR), on behalf of the Winston-Salem City/County Utility Commission (the City), is hereby submitting the groundwater analytical and landfill gas monitoring results for the Spring 2008 monitoring period (January through June 2008) at the C&D Landfill (the Landfill) located in Forsyth County, North Carolina.

Groundwater samples were collected from on-site detection monitoring wells MW-1R, MW-2R, MW-3R, MW-4R, MW-5R, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, and MW-14 on March 28, 2008. Groundwater samples were analyzed for the eight (8) Resource Conservation and Recovery Act (RCRA) metals and Appendix I volatile organic compound (VOC) analysis. In addition, two surface water quality samples were collected and analyzed for the same parameters. Upstream surface water (SW-1) and downstream surface water (SW-2) samples were obtained from the adjacent stream to the east. Field measurements of pH, specific conductance, temperature, salinity, dissolved oxygen, and oxidation-reduction potential were recorded in a data logger during pre-sampling well purging. A printout of this data can be provided upon request. Based on past groundwater flow characteristics for the site, groundwater monitoring well MW-1R is located hydraulically upgradient of the Landfill and is considered as "background" for the site.

The metal concentrations detected in the groundwater monitoring wells are reflective of the naturally-occurring trace metals typically present in the saprolite of this region and consistent with historical sampling results from the site. The trace metal concentrations for this period were below their respective 2L groundwater standards at all groundwater monitoring wells and surface water sampling locations. The presence of these trace metal detections is due to the turbidity of the sample collected. However, since the installation of the dedicated low flow pumps, the

turbidity, along with the metal detections, has decreased considerably. No VOCs were detected in the groundwater monitoring wells or surface water locations during this period. A full copy of the lab analysis data is on the enclosed CD.

Landfill gas monitoring was performed from the thirteen (13) permanent methane gas monitoring stations (MM-1 through MM-12 and the scalehouse) located around the perimeter of the Landfill. Methane stations MM-2 and MM-4 are nested monitoring stations, while all other stations are constructed as single monitoring points. No trace of methane was detected in any of the on-site methane monitoring stations.

The results of this recent sampling event indicate that the existing groundwater monitoring well network at the Landfill is adequate to provide representative groundwater quality data and release detection determination for the Landfill.

The following attachments are provided for your reference:

- Table 1– Historical Groundwater Analytical Results
- Perimeter Gas Probe Monitoring Field Data Form
- Groundwater surface elevation contour map with Methane Gas Monitoring Well Locations

If you have any questions or comments concerning the information summarized in this letter, or in the attached analytical data, please do not hesitate to contact me at (904) 598-8981.

Sincerely,

Michael D. Plummer, P.E.
Project Manager

MDP/apb

Enclosures (3)

cc: Edward Gibson, PE, Winston-Salem City/County Utility Commission
File

TABLE 1
OLD SALISBURY ROAD
HISTORICAL GROUNDWATER ANALYTICAL RESULTS

WELL NUMBER	DATE	Arsenic (50)	Barium (2000)	Cadmium (5)	Chromium (50)	Lead (15)	Mercury (1.1)	Selenium (50)	Silver (18)	VOCs (Varies)
MW-1R	1/17/1996	ND	224	ND	ND	6	1.8	ND	ND	23
	10/24/1996	ND	180	ND	6	ND	0.2	ND	ND	ND
	5/13/1997	ND	100	ND	3	ND	ND	ND	ND	ND
	10/30/1997	ND	290	ND	11	12	ND	ND	ND	ND
	5/5/1998	ND	100	ND	49	ND	ND	ND	ND	ND
	11/5/1998	ND	160	ND	12	ND	ND	ND	ND	28
	6/2/1999	ND	150	ND	7.8	ND	ND	ND	ND	19
	11/19/1999	ND	130	ND	5.2	ND	ND	ND	ND	ND
	6/5/2000	ND	110	ND	ND	ND	ND	ND	ND	ND
	12/14/2000	ND	150	ND	6.6	ND	~	ND	ND	ND
	7/31/2001	ND	87	ND	6.6	ND	ND	ND	ND	ND
	11/29/2001	5.8	280	ND	22	10	~	ND	ND	21
	4/17/2002	ND	130	ND	5	ND	ND	ND	ND	ND
	12/9/2002	ND	100	ND	2.3	ND	ND	ND	ND	ND
	5/29/2003	ND	120	ND	4.3	ND	ND	ND	ND	ND
	11/4/2003	ND	460	ND	ND	22	ND	ND	ND	ND
	5/11/2004	ND	96.3	ND	3.5	ND	ND	ND	ND	ND
	11/24/2004	ND	95	ND	2	ND	ND	ND	ND	ND
	6/8/2005	ND	48	ND	ND	ND	ND	5.5	ND	ND
	11/17/2005	ND	78	ND	ND	ND	ND	ND	ND	ND
	4/13/2006	ND	82	ND	ND	ND	ND	ND	ND	ND
	11/13/2006	ND	94	ND	ND	ND	ND	ND	ND	ND
	4/24/2007	ND	81	ND	ND	ND	ND	ND	ND	ND
	11/16/2007	ND	105	ND	ND	ND	ND	ND	ND	ND
	3/28/2008	ND	90.3	ND	ND	ND	ND	ND	ND	ND
MW-2R	1/17/1996	ND	350	ND	12	26	0.4	ND	ND	86
	10/24/1996	ND	160	ND	9	8	ND	ND	ND	ND
	5/13/1997	ND	200	3	4	14	ND	ND	6	ND
	10/30/1997	ND	340	ND	43	31	ND	ND	ND	ND
	5/5/1998	ND	190	ND	34	19	ND	ND	ND	ND
	11/5/1998	11	1100	ND	210	68	ND	ND	ND	ND
	6/2/1999	ND	150	ND	7.8	ND	ND	ND	ND	13
	11/19/1999	ND	120	ND	14	6.9	ND	ND	ND	ND
	6/5/2000	ND	180	ND	3	6.5	ND	ND	ND	ND
	12/14/2000	ND	61	ND	3.9	ND	~	ND	ND	ND
	7/31/2001	ND	280	ND	16	8.9	ND	ND	ND	ND
	11/29/2001	ND	160	ND	16	7	~	ND	ND	ND
	4/17/2002	ND	100	ND	ND	ND	ND	ND	ND	ND
	12/9/2002	ND	140	1.9	2.1	ND	ND	ND	ND	ND
	5/29/2003	ND	56	ND	ND	ND	ND	ND	ND	ND
	11/4/2003	ND	60	ND	2.2	ND	ND	ND	ND	ND
	5/11/2004	ND	55	ND	ND	ND	ND	ND	ND	ND
	11/23/2004	ND	52	ND	ND	ND	ND	ND	ND	ND
	6/8/2005	ND	43	ND	ND	ND	ND	ND	ND	ND
	11/17/2005	ND	62	ND	ND	ND	0.34	ND	ND	ND
	4/13/2006	ND	52	ND	ND	ND	ND	ND	ND	ND
	11/13/2006	ND	90	ND	ND	ND	ND	ND	ND	ND
	4/24/2007	ND	79	ND	ND	ND	ND	ND	ND	ND
	11/16/2007	ND	107	ND	ND	ND	ND	ND	ND	ND
	3/28/2008	ND	102	ND	ND	ND	ND	ND	ND	ND

See footnotes at end of tables.

TABLE 1
OLD SALISBURY ROAD
HISTORICAL GROUNDWATER ANALYTICAL RESULTS

WELL NUMBER	DATE	Arsenic (50)	Barium (2000)	Cadmium (5)	Chromium (50)	Lead (15)	Mercury (1.1)	Selenium (50)	Silver (18)	VOCs (Varies)
MW-3R	1/17/1996	ND	1230	ND	9	15	0.7	ND	ND	ND
	10/24/1996	ND	790	ND	20	15	ND	ND	ND	ND
	5/13/1997	ND	800	ND	28	27	ND	ND	ND	ND
	10/30/1997	ND	620	ND	16	26	0.2	ND	ND	ND
	5/5/1998	ND	860	ND	25	32	ND	ND	ND	ND
	11/5/1998	ND	1400	ND	77	39	ND	ND	ND	ND
	6/2/1999	~	~	~	~	~	~	~	~	ND
	11/19/1999	5.9	52	ND	24	40	ND	ND	ND	ND
	6/5/2000	ND	300	ND	ND	ND	ND	ND	ND	ND
	12/14/2000	31	1500	ND	100	80	~	ND	ND	ND
	7/31/2001	18	950	ND	50	53	ND	ND	ND	ND
	11/29/2001	8.4	400	ND	19	35	~	ND	ND	ND
	4/17/2002	7.4	370	ND	15	21	ND	ND	ND	ND
	12/9/2002	ND	13	ND	ND	ND	ND	ND	ND	ND
	5/29/2003	ND	220	ND	ND	ND	ND	ND	ND	ND
	11/4/2003	ND	200	ND	2.3	ND	ND	ND	ND	ND
	5/11/2004	ND	270	ND	3.7	14	ND	ND	ND	ND
	11/24/2004	ND	340	ND	2.3	ND	ND	ND	ND	ND
	6/8/2005	ND	300	ND	ND	ND	ND	ND	ND	ND
	11/17/2005	ND	300	ND	ND	ND	ND	ND	ND	ND
	4/13/2006	ND	290	ND	ND	ND	ND	ND	ND	ND
	11/13/2006	ND	230	2	ND	ND	ND	ND	ND	ND
	4/24/2007	ND	310	ND	ND	ND	ND	24	ND	ND
	11/16/2007	ND	273	ND	ND	ND	ND	18.1	ND	ND
	3/28/2008	ND	293	ND	ND	ND	ND	ND	ND	ND
MW-4R	1/17/1996	ND	595	7	21	17	1.7	ND	ND	ND
	10/24/1996	ND	720	ND	47	16	0.3	ND	ND	ND
	5/13/1997	ND	280	ND	ND	12	ND	ND	6	ND
	10/30/1997	ND	650	ND	55	29	ND	ND	ND	ND
	5/5/1998	ND	850	ND	130	43	ND	ND	ND	ND
	11/5/1998	ND	2000	ND	300	76	0.21	ND	ND	ND
	6/2/1999	ND	950	ND	110	50	ND	ND	ND	10
	11/19/1999	7.5	860	ND	60	40	0.36	ND	ND	ND
	6/5/2000	ND	570	ND	ND	9.5	ND	ND	ND	ND
	12/14/2000	ND	350	ND	28	8.1	~	ND	ND	ND
	7/31/2001	5.6	550	ND	38	14	ND	ND	ND	ND
	11/29/2001	12	900	ND	95	36	~	ND	ND	ND
	4/17/2002	ND	61	ND	ND	ND	ND	ND	ND	ND
	12/9/2002	ND	86	ND	5	6	ND	ND	ND	ND
	5/29/2003	ND	94	ND	5.5	5.3	ND	ND	ND	ND
	11/4/2003	ND	97	ND	2.6	ND	ND	ND	ND	ND
	5/11/2004	9.2	380	ND	14	18	ND	ND	ND	ND
	11/24/2004	ND	140	ND	ND	ND	ND	ND	ND	ND
	6/8/2005	ND	150	ND	ND	ND	ND	ND	ND	ND
	11/17/2005	ND	180	ND	ND	ND	ND	ND	ND	ND
	4/13/2006	ND	220	ND	ND	ND	ND	ND	ND	ND
	11/13/2006	ND	220	ND	ND	ND	ND	ND	ND	ND
	4/24/2007	ND	200	ND	ND	ND	ND	ND	ND	ND
	11/16/2007	ND	287	ND	ND	ND	ND	ND	ND	ND
	3/28/2008	ND	172	ND	ND	ND	ND	ND	ND	ND

See footnotes at end of tables.

TABLE 1
OLD SALISBURY ROAD
HISTORICAL GROUNDWATER ANALYTICAL RESULTS

WELL NUMBER	DATE	Arsenic (50)	Barium (2000)	Cadmium (5)	Chromium (50)	Lead (15)	Mercury (1.1)	Selenium (50)	Silver (18)	VOCs (Varies)
MW-5R	1/17/1996	ND	1000	ND	96	19	0.8	ND	ND	ND
	10/24/1996	ND	620	ND	43	20	ND	ND	ND	ND
	5/13/1997	ND	330	ND	70	14	ND	ND	ND	ND
	10/30/1997	ND	610	ND	16	31	ND	ND	ND	ND
	5/5/1998	5	820	ND	170	69	ND	ND	ND	ND
	11/5/1998	ND	480	ND	96	29	ND	ND	ND	175
	6/2/1999	ND	240	ND	38	16	ND	ND	ND	10
	11/19/1999	ND	200	ND	29	8.2	ND	ND	ND	ND
	6/5/2000	ND	200	ND	8.1	ND	ND	ND	ND	ND
	12/14/2000	5	400	ND	82	7.6	~	ND	ND	ND
	7/31/2001	ND	270	ND	49	7.6	ND	ND	ND	ND
	11/29/2001	7	610	ND	140	13	~	ND	ND	ND
	4/17/2002	ND	150	ND	23	ND	ND	ND	ND	ND
	12/9/2002	ND	65	ND	7.4	ND	ND	ND	ND	ND
	5/29/2003	ND	72	2.7	9.5	ND	ND	ND	ND	ND
	11/4/2003	ND	65	ND	8.7	ND	ND	ND	ND	ND
	5/11/2004	5	76	ND	7.3	5.1	ND	ND	ND	ND
	11/24/2004	5.1	80	ND	14	ND	ND	ND	ND	ND
	6/8/2005	ND	53	ND	5.6	ND	ND	ND	ND	ND
	11/17/2005	ND	54	ND	3.5	ND	0.4	ND	ND	ND
	4/13/2006	ND	57	ND	6.2	ND	ND	ND	ND	ND
	11/13/2006	ND	58	ND	6.2	ND	ND	ND	ND	ND
	4/24/2007	ND	58	ND	6.4	ND	ND	ND	ND	ND
	11/16/2007	ND	70.6	ND	8.4	ND	ND	ND	ND	ND
	3/28/2008	ND	57.5	ND	5.6	ND	ND	ND	ND	ND
MW-7	1/17/1996	ND	1930	ND	28	17	1.4	ND	ND	ND
	10/24/1996	ND	970	ND	21	6	0.4	ND	ND	ND
	5/13/1997	ND	750	ND	180	23	ND	ND	ND	ND
	10/30/1997	ND	1800	ND	410	53	0.2	ND	ND	ND
	5/5/1998	ND	1200	ND	430	38	ND	ND	ND	ND
	11/5/1998	ND	1300	ND	350	36	ND	ND	ND	9
	6/2/1999	9.8	960	ND	190	30	ND	ND	ND	10
	11/19/1999	ND	390	ND	62	12	ND	ND	ND	ND
	6/5/2000	ND	360	ND	2.5	8.7	ND	ND	ND	ND
	12/14/2000	45	2600	ND	580	65	~	ND	ND	ND
	7/31/2001	16	1300	ND	210	26	ND	ND	ND	ND
	11/29/2001	17	1300	ND	270	36	~	ND	ND	ND
	4/17/2002	ND	84	ND	6.8	ND	ND	ND	2.6	ND
	12/9/2002	ND	210	ND	32	6	ND	ND	ND	ND
	5/29/2003	ND	130	ND	17	5.3	ND	ND	ND	ND
	11/4/2003	8.6	820	ND	150	24	ND	ND	ND	ND
	5/11/2004	ND	180	ND	26	ND	ND	ND	ND	ND
	11/24/2004	ND	63	ND	4.4	ND	ND	ND	ND	ND
	6/8/2005	ND	53	ND	ND	ND	ND	ND	ND	ND
	11/17/2005	ND	60	ND	ND	ND	0.24	ND	ND	ND
	4/13/2006	ND	74	ND	ND	ND	ND	ND	ND	ND
	11/13/2006	ND	76	ND	ND	ND	ND	ND	ND	ND
	4/24/2007	ND	89	ND	ND	ND	ND	ND	ND	ND
	11/16/2007	ND	101	ND	ND	ND	ND	ND	ND	ND
	3/28/2008	ND	95.7	ND	7.3	ND	ND	ND	ND	ND

See footnotes at end of tables.

TABLE 1
OLD SALISBURY ROAD
HISTORICAL GROUNDWATER ANALYTICAL RESULTS

WELL NUMBER	DATE	Arsenic (50)	Barium (2000)	Cadmium (5)	Chromium (50)	Lead (15)	Mercury (1.1)	Selenium (50)	Silver (18)	VOCs (Varies)
MW-8	12/14/2000	89	4200	ND	240	400	~	ND	ND	ND
	7/31/2001	46	2600	ND	92	210	ND	ND	ND	ND
	11/29/2001	36	2700	ND	94	150	~	ND	ND	ND
	4/17/2002	ND	150	ND	23	ND	ND	ND	ND	ND
	12/9/2002	ND	48	ND	2	ND	ND	ND	ND	ND
	5/29/2003	ND	77	ND	3.8	6.7	ND	ND	ND	ND
	11/4/2003	ND	52	ND	3.2	ND	ND	ND	ND	ND
	5/11/2004	6	480	ND	28	41	ND	ND	ND	ND
	11/23/2004	ND	30	ND	2.4	ND	ND	ND	ND	ND
	6/8/2005	ND	25	ND	ND	ND	ND	ND	ND	ND
	11/17/2005	ND	26	ND	ND	ND	0.26	ND	ND	ND
	4/13/2006	ND	29	ND	ND	ND	ND	ND	ND	ND
	11/13/2006	ND	29	ND	ND	ND	ND	ND	ND	ND
	4/24/2007	ND	30	ND	ND	ND	ND	ND	ND	ND
	11/13/2007	ND	22.6	ND	ND	ND	ND	ND	0.16	ND
	3/28/2008	ND	24	ND	ND	ND	ND	ND	ND	ND
MW-9	8/24/2004	ND	240	ND	14	14	ND	ND	ND	*ND*
	11/23/2004	ND	95	ND	ND	ND	ND	ND	ND	*ND*
	6/8/2005	ND	85	ND	ND	ND	ND	ND	ND	*ND*
	11/17/2005	ND	100	ND	ND	ND	ND	ND	ND	ND
	4/13/2006	ND	100	ND	ND	ND	ND	ND	ND	ND
	11/13/2006	ND	140	ND	ND	ND	ND	ND	ND	ND
	4/24/2007	ND	140	ND	ND	ND	ND	ND	ND	ND
	11/13/2007	ND	117	ND	ND	ND	ND	ND	0.32	ND
	3/28/2008	ND	124	ND	ND	ND	ND	ND	ND	ND
MW-10	8/24/2004	ND	98	ND	13	6.8	ND	6.2	ND	*ND*
	11/23/2004	ND	55	ND	ND	ND	ND	ND	ND	*ND*
	6/8/2005	ND	82	ND	ND	ND	ND	ND	ND	*ND*
	11/17/2005	ND	46	ND	ND	ND	0.2	ND	ND	ND
	4/13/2006	ND	48	ND	ND	ND	ND	ND	ND	ND
	11/13/2006	ND	71	ND	ND	ND	ND	ND	ND	ND
	4/24/2007	ND	52	ND	ND	ND	ND	ND	ND	ND
	11/13/2007	ND	40.8	ND	ND	ND	ND	ND	ND	ND
	3/28/2008	ND	42	ND	ND	ND	ND	ND	ND	ND
MW-11	8/24/2004	ND	47	ND	3.3	ND	ND	ND	ND	*ND*
	11/23/2004	ND	28	ND	3.9	ND	ND	ND	ND	*ND*
	6/8/2005	ND	24	ND	ND	ND	ND	ND	ND	*ND*
	11/17/2005	ND	27	ND	ND	ND	ND	ND	ND	ND
	4/13/2006	ND	26	ND	ND	ND	ND	ND	ND	ND
	11/13/2006	ND	24	ND	ND	ND	ND	ND	ND	ND
	4/24/2007	ND	25	ND	ND	ND	ND	ND	ND	ND
	11/13/2007	ND	23.1	ND	ND	ND	ND	ND	0.39	ND
	3/28/2008	ND	29.2	ND	ND	ND	ND	ND	ND	ND
MW-12	8/24/2004	ND	74	ND	ND	ND	ND	ND	ND	ND
	11/23/2004	ND	77	ND	2.1	ND	ND	ND	ND	*ND*
	6/8/2005	ND	50	ND	ND	ND	ND	ND	ND	*ND*
	11/17/2005	ND	77	ND	ND	ND	ND	ND	ND	ND
	4/13/2006	ND	55	ND	4	ND	ND	ND	ND	ND
	11/13/2006	ND	66	ND	ND	ND	ND	ND	ND	ND
	4/24/2007	ND	31	ND	ND	ND	ND	ND	ND	ND
	11/13/2007	ND	47.3	ND	ND	ND	ND	ND	0.26	ND
	3/28/2008	ND	60.5	ND	ND	ND	ND	ND	ND	ND

See footnotes at end of tables.

TABLE 1
OLD SALISBURY ROAD
HISTORICAL GROUNDWATER ANALYTICAL RESULTS

WELL NUMBER	DATE	Arsenic (50)	Barium (2000)	Cadmium (5)	Chromium (50)	Lead (15)	Mercury (1.1)	Selenium (50)	Silver (18)	VOCs (Varies)
MW-13	8/24/2004	ND	160	ND	9.2	11	ND	ND	ND	*ND*
	11/23/2004	ND	57	ND	4.8	ND	ND	ND	ND	*ND*
	6/8/2005	ND	46	ND	ND	ND	ND	ND	ND	*ND*
	11/17/2005	ND	59	ND	ND	ND	ND	ND	ND	ND
	4/13/2006	ND	65	ND	2	ND	ND	ND	ND	ND
	11/13/2006	ND	62	ND	ND	ND	ND	ND	ND	ND
	4/24/2007	ND	79	ND	ND	ND	ND	ND	ND	ND
	11/16/2007	ND	85.6	ND	ND	ND	ND	ND	ND	ND
	3/28/2008	ND	64.6	ND	ND	ND	ND	ND	ND	ND
MW-14	8/24/2004	ND	170	ND	3.2	8	ND	ND	ND	*ND*
	11/23/2004	ND	66	ND	ND	ND	ND	ND	ND	*ND*
	6/8/2005	ND	69	ND	ND	ND	ND	ND	ND	*ND*
	11/17/2005	ND	120	ND	3.9	5.9	0.44	ND	ND	ND
	4/13/2006	ND	250	ND	15	13	ND	ND	ND	ND
	11/13/2006	8.3	460	ND	35	23	ND	ND	ND	ND
	4/24/2007	ND	210	ND	6.6	5.2	ND	ND	ND	ND
	11/13/2007	ND	130	ND	1.7	ND	0.098	ND	0.48	ND
	3/28/2008	ND	186	ND	ND	ND	ND	ND	ND	ND
SW-1	8/24/2004	20	500	ND	36	38	ND	ND	ND	*ND*
	11/23/2004	ND	53	ND	3.2	ND	ND	ND	ND	*ND*
	6/8/2005	23	750	ND	52	57	ND	ND	ND	*ND*
	11/17/2005	ND	73	ND	ND	ND	1.1	ND	ND	ND
	4/13/2006	ND	120	ND	4.2	ND	ND	ND	ND	ND
	11/13/2006	ND	54	ND	ND	ND	ND	ND	ND	ND
	4/24/2007	ND	88	ND	ND	ND	ND	ND	ND	ND
	11/13/2007	ND	70.3	ND	0.61	ND	ND	ND	0.51	ND
	3/28/2008	ND	79.7	ND	ND	ND	ND	ND	ND	ND
SW-2	8/24/2004	ND	63	ND	ND	ND	ND	ND	ND	*ND*
	11/23/2004	ND	65	ND	ND	ND	ND	ND	ND	*ND*
	6/8/2005	ND	47	ND	ND	ND	ND	ND	ND	*ND*
	11/17/2005	ND	51	ND	ND	ND	ND	ND	ND	ND
	4/13/2006	ND	150	ND	4.7	7.6	ND	ND	ND	ND
	11/13/2006	ND	44	ND	ND	ND	ND	ND	ND	ND
	4/24/2007	5.5	300	ND	17	11	ND	21	ND	ND
	11/13/2007	ND	49.4	ND	ND	ND	ND	ND	0.26	ND
	3/28/2008	ND	50.6	ND	ND	ND	ND	ND	ND	*ND*

ND - Non Detect

~ - Not Sampled

All results in ppb.

Highlighted cells indicate exceedances in 2L Standards.

(50) - 2L Standard

9215995

PERIMETER GAS PROBE MONITORING

FIELD DATA FORM

Date: 3/24/08	Inspector: JDQ	Site Name: OSR C&D Landfill	Instrument: GEM-500

Temperature @ Start: 47 °F

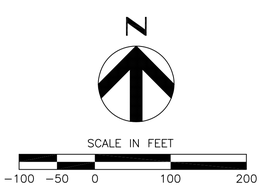
Temperature @ End: 61 °F

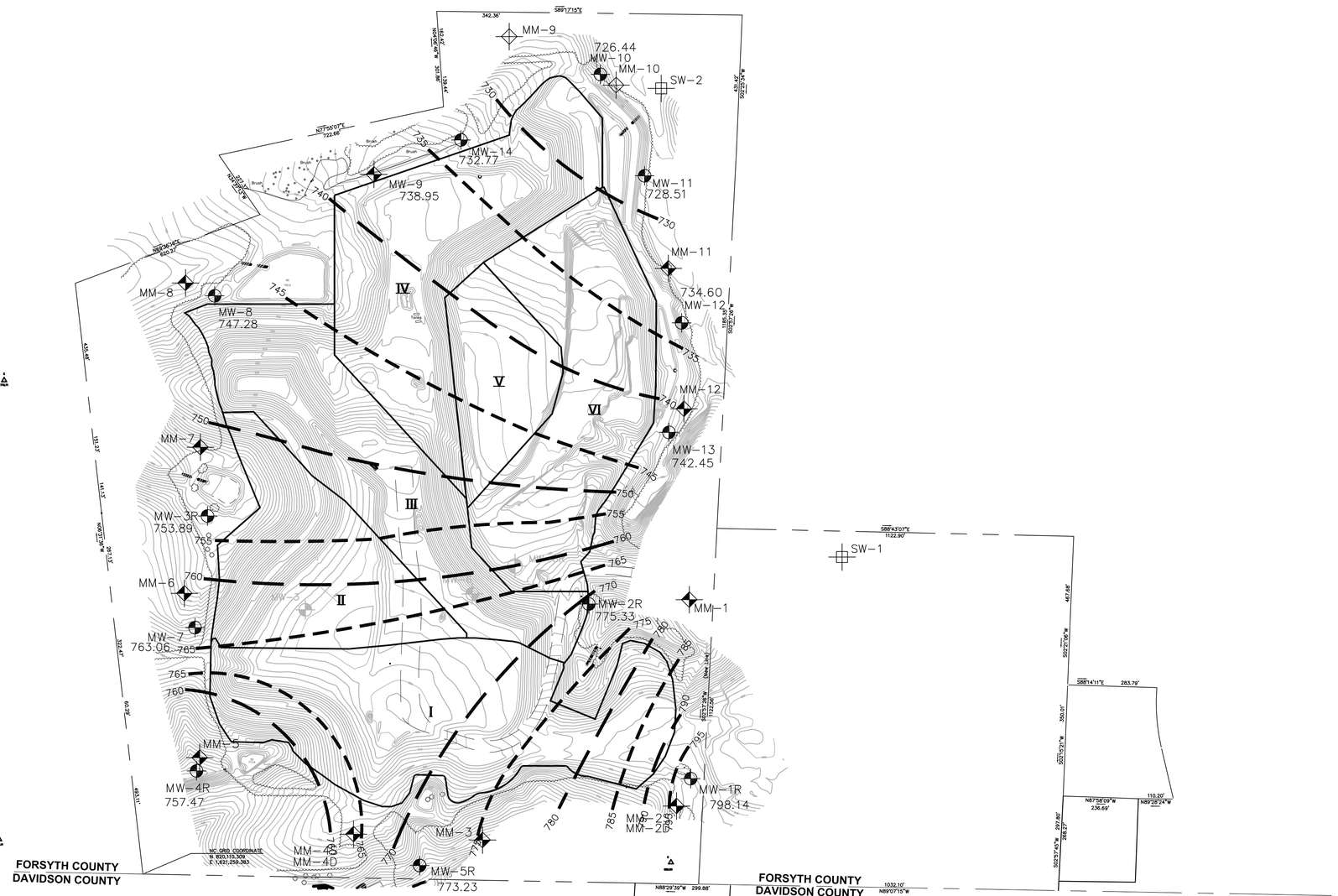
Weather: sun & clouds mixed. slight chance of Rain shower. High 54 F. Winds 10 to 15 mph

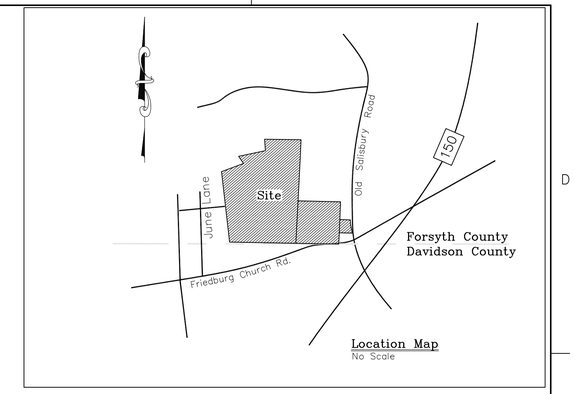
Barometric Pressure: 30.17 in Hg

Legend: T = Trace CO_2 = Carbon Dioxide W = Water NA = No reading taken LEL = Lower explosive limit

MM #	Methane: CH_4 (%)	Carbon Dioxide: CO_2 (%)	Oxygen: O_2 (%)	Remarks Bal %	HRS TIME
Scale-house	00.0	00.0	20.6	79.4 (Temp = 75°F)	09:19 AM
1	00.0	00.0	20.8	79.2	11:49 HRS
2S	00.0	00.0	20.8	79.2	11:55
2d	00.0	00.0	20.8	79.2	11:59
3	00.0	00.0	20.7	79.3	12:07
4S	00.0	00.0	20.9	79.1	12:17
4d	00.0	00.0	20.9	79.1	12:19
5	00.0	00.0	20.8	79.2	12:26 HRS
6	00.0	03.9	17.5	78.6	12:34 HRS
7	00.0	00.0	20.5	79.4	12:51 HRS
8	00.0	00.0	20.6	79.4	09:40 HRS
9	00.0	00.0	20.6	79.4	11:24 HRS
10	00.0	00.0	20.7	79.3	11:30 HRS
11	00.0	00.0	20.7	79.3	11:36 HRS
12	00.0	00.0	20.6	79.4	11:43 HRS







- EXISTING CONTOURS
- PROPERTY BOUNDARY
- COUNTY LINE
- PROPOSED PHASING BOUNDARY
- SWAMP, STANDING WATER
- STREAM
- GROUNDWATER MONITORING WELL
- METHANE MONITORING PROBE
- SURFACE WATER MONITORING POINT

1. AERIAL TOPOGRAPHIC SURVEY PROVIDED BY BRADY SURVEYING COMPANY. DATE OF PHOTOGRAPH IS JANUARY 3, 2008.
2. PROPERTY SURVEY TAKEN FROM DATA SUPPLIED BY BRADY SURVEYING, INC. DATED MARCH 14, 1994.
3. GROUNDWATER ELEVATIONS MEASURED ON MARCH 28, 2008.
4. MSL– MEAN SEA LEVEL

HDR
HDR Engineering, Inc.

ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	J.C. READLING, P.E.
	M.D. PLUMMER, P.E.
	H. WANG
	J. GAUL
PROJECT NUMBER	

OLD SALISBURY ROAD C & D LANDFILL

WINSTON-SALEM NORTH CAROLINA

GROUNDWATER WELL AND METHANE PROBE LOCATIONS

0 1" 2"

FILENAME	OSR CD GW EL 0308.DWG
SCALE	AS SHOWN

SHEET D-01

Pace Analytical Services, Inc.
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(704)875-9092

April 15, 2008

Mr. Michael Plummer
HDR Engineering
128 S. Tryon Street
Suite 1400
Charlotte, NC 28202

RE: Project: OSR
Pace Project No.: 9215995

Dear Mr. Plummer:
Enclosed are the analytical results for sample(s) received by the laboratory between March 24, 2008 and March 29, 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,

Brenda Pathammavong

brenda.pathammavong@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: OSR
Pace Project No.: 9215995

Charlotte Certification IDs

Florida/NELAP Certification Number: E87627
Kansas Certification Number: E-10364
Louisiana/LELAP Certification Number: 04034
North Carolina Drinking Water Certification Number: 37706
North Carolina Wastewater Certification Number: 12
North Carolina Field Services Certification Number: 5342
South Carolina Certification Number: 990060001
South Carolina Bioassay Certification Number: 990060003
Tennessee Certification Number: 04010
Virginia Certification Number: 00213

Asheville Certification IDs

Florida/NELAP Certification Number: E87648
Louisiana/LELAP Certification Number: 03095
New Jersey Certification Number: NC011
North Carolina Drinking Water Certification Number: 37712
North Carolina Wastewater Certification Number: 40
North Carolina Bioassay Certification Number: 9
Pennsylvania Certification Number: 68-03578
South Carolina Certification Number: 99030001
South Carolina Bioassay Certification Number: 99030002
Tennessee Certification Number: 2980
Virginia Certification Number: 00072

Eden Certification IDs

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

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SAMPLE ANALYTE COUNT

Project: OSR
Pace Project No.: 9215995

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9215995001	**TRIP BLANK**	EPA 8260	DJM	52	PASI-C
9215995002	**EQUIP BLANK**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	DJM	52	PASI-C
9215995003	**MW-8**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	DJM	52	PASI-C
			RLV	10	PASI-C
9216326001	**MW-3R**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	10	PASI-C
9216326002	**MW-7**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	10	PASI-C
9216326003	**MW-4R**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	10	PASI-C
9216326004	**MW-5R**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	10	PASI-C
9216326005	**MW-1R**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	10	PASI-C
9216326006	**MW-2R**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	10	PASI-C
9216326007	**MW-12**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	10	PASI-C
9216326008	**MW-11**	EPA 6010 GW North Carolina	SAJ	7	PASI-A

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SAMPLE ANALYTE COUNT

Project: OSR
Pace Project No.: 9215995

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	10	PASI-C
9216326009	**MW-10**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	10	PASI-C
9216326010	**MW-14**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	10	PASI-C
9216326011	**MW-9**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	10	PASI-C
9216326012	**SW-1**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	8	PASI-C
9216326013	**SW-2**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	8	PASI-C
9216326014	**MW-13**	EPA 6010 GW North Carolina	SAJ	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	52	PASI-C
			RLV	10	PASI-C

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: TRIP BLANK **Lab ID: 9215995001** Collected: 03/24/08 00:00 Received: 03/24/08 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	**15.0J**	ug/L	25.0	1		03/27/08 14:02	67-64-1	
Acrylonitrile	ND	ug/L	100	1		03/27/08 14:02	107-13-1	
Benzene	ND	ug/L	5.0	1		03/27/08 14:02	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		03/27/08 14:02	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		03/27/08 14:02	75-27-4	
Bromoform	ND	ug/L	5.0	1		03/27/08 14:02	75-25-2	
Bromomethane	ND	ug/L	10.0	1		03/27/08 14:02	74-83-9	
2-Butanone (MEK)	**4.6J**	ug/L	10.0	1		03/27/08 14:02	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		03/27/08 14:02	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		03/27/08 14:02	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		03/27/08 14:02	108-90-7	
Chloroethane	ND	ug/L	10.0	1		03/27/08 14:02	75-00-3	
Chloroform	ND	ug/L	5.0	1		03/27/08 14:02	67-66-3	
Chloromethane	ND	ug/L	5.0	1		03/27/08 14:02	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/27/08 14:02	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		03/27/08 14:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		03/27/08 14:02	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		03/27/08 14:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		03/27/08 14:02	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		03/27/08 14:02	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		03/27/08 14:02	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		03/27/08 14:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		03/27/08 14:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		03/27/08 14:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		03/27/08 14:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		03/27/08 14:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		03/27/08 14:02	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		03/27/08 14:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		03/27/08 14:02	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		03/27/08 14:02	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		03/27/08 14:02	591-78-6	
Iodomethane	ND	ug/L	10.0	1		03/27/08 14:02	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		03/27/08 14:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		03/27/08 14:02	108-10-1	
Styrene	ND	ug/L	5.0	1		03/27/08 14:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		03/27/08 14:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		03/27/08 14:02	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		03/27/08 14:02	127-18-4	
Toluene	ND	ug/L	5.0	1		03/27/08 14:02	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		03/27/08 14:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		03/27/08 14:02	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		03/27/08 14:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		03/27/08 14:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		03/27/08 14:02	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		03/27/08 14:02	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		03/27/08 14:02	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		03/27/08 14:02	1330-20-7	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: TRIP BLANK **Lab ID: 9215995001** Collected: 03/24/08 00:00 Received: 03/24/08 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		03/27/08 14:02	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109	1		03/27/08 14:02	460-00-4	
Dibromofluoromethane (S)	100	%	85-115	1		03/27/08 14:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	79-120	1		03/27/08 14:02	17060-07-0	
Toluene-d8 (S)	99	%	70-120	1		03/27/08 14:02	2037-26-5	

Sample: EQUIP BLANK **Lab ID: 9215995002** Collected: 03/24/08 09:30 Received: 03/24/08 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	03/28/08 12:45	03/29/08 14:32	7440-38-2	
Barium	ND	ug/L	5.0	1	03/28/08 12:45	03/29/08 14:32	7440-39-3	
Cadmium	ND	ug/L	1.0	1	03/28/08 12:45	03/29/08 14:32	7440-43-9	
Chromium	ND	ug/L	5.0	1	03/28/08 12:45	03/29/08 14:32	7440-47-3	
Lead	ND	ug/L	5.0	1	03/28/08 12:45	03/29/08 14:32	7439-92-1	
Selenium	ND	ug/L	10.0	1	03/28/08 12:45	03/29/08 14:32	7782-49-2	
Silver	ND	ug/L	5.0	1	03/28/08 12:45	03/29/08 14:32	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**0.26**	ug/L	0.20	1	03/31/08 11:30	03/31/08 17:27	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/27/08 14:50	67-64-1	
Acrylonitrile	ND	ug/L	100	1		03/27/08 14:50	107-13-1	
Benzene	ND	ug/L	5.0	1		03/27/08 14:50	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		03/27/08 14:50	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		03/27/08 14:50	75-27-4	
Bromoform	ND	ug/L	5.0	1		03/27/08 14:50	75-25-2	
Bromomethane	ND	ug/L	10.0	1		03/27/08 14:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		03/27/08 14:50	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		03/27/08 14:50	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		03/27/08 14:50	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		03/27/08 14:50	108-90-7	
Chloroethane	ND	ug/L	10.0	1		03/27/08 14:50	75-00-3	
Chloroform	ND	ug/L	5.0	1		03/27/08 14:50	67-66-3	
Chloromethane	ND	ug/L	5.0	1		03/27/08 14:50	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/27/08 14:50	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		03/27/08 14:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		03/27/08 14:50	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		03/27/08 14:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		03/27/08 14:50	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		03/27/08 14:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		03/27/08 14:50	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		03/27/08 14:50	75-34-3	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: EQUIP BLANK **Lab ID: 9215995002** Collected: 03/24/08 09:30 Received: 03/24/08 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	5.0	1		03/27/08 14:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		03/27/08 14:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		03/27/08 14:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		03/27/08 14:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		03/27/08 14:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		03/27/08 14:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		03/27/08 14:50	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		03/27/08 14:50	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		03/27/08 14:50	591-78-6	
Iodomethane	ND	ug/L	10.0	1		03/27/08 14:50	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		03/27/08 14:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		03/27/08 14:50	108-10-1	
Styrene	ND	ug/L	5.0	1		03/27/08 14:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		03/27/08 14:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		03/27/08 14:50	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		03/27/08 14:50	127-18-4	
Toluene	ND	ug/L	5.0	1		03/27/08 14:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		03/27/08 14:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		03/27/08 14:50	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		03/27/08 14:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		03/27/08 14:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		03/27/08 14:50	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		03/27/08 14:50	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		03/27/08 14:50	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		03/27/08 14:50	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		03/27/08 14:50	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109	1		03/27/08 14:50	460-00-4	
Dibromofluoromethane (S)	100	%	85-115	1		03/27/08 14:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	79-120	1		03/27/08 14:50	17060-07-0	
Toluene-d8 (S)	99	%	70-120	1		03/27/08 14:50	2037-26-5	

Sample: MW-8 **Lab ID: 9215995003** Collected: 03/24/08 10:10 Received: 03/24/08 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:39		
Collected Date	**3/24/08**			1		04/03/08 15:39		
Collected Time	**10:10**			1		04/03/08 15:39		
Field pH	**7.39**	Std. Units		1		04/03/08 15:39		
Field Temperature	**14.00**	deg C		1		04/03/08 15:39		
Static Water Level	**15.22**	feet		1		04/03/08 15:39		
Field Specific Conductance	**51**	umhos/cm		1		04/03/08 15:39		
Oxygen, Dissolved	**6.44**	mg/L		1		04/03/08 15:39	7782-44-7	
Total Well Depth	**27**	feet		1		04/03/08 15:39		
REDOX	**50**	mV		1		04/03/08 15:39		

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-8 **Lab ID: 9215995003** Collected: 03/24/08 10:10 Received: 03/24/08 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	03/28/08 12:45	03/29/08 14:39	7440-38-2	
Barium	**24.0**	ug/L	5.0	1	03/28/08 12:45	03/29/08 14:39	7440-39-3	
Cadmium	ND	ug/L	1.0	1	03/28/08 12:45	03/29/08 14:39	7440-43-9	
Chromium	**0.42J**	ug/L	5.0	1	03/28/08 12:45	03/29/08 14:39	7440-47-3	
Lead	ND	ug/L	5.0	1	03/28/08 12:45	03/29/08 14:39	7439-92-1	
Selenium	ND	ug/L	10.0	1	03/28/08 12:45	03/29/08 14:39	7782-49-2	
Silver	**0.13J**	ug/L	5.0	1	03/28/08 12:45	03/29/08 14:39	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**0.10J**	ug/L	0.20	1	03/31/08 11:30	03/31/08 17:29	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/27/08 17:58	67-64-1	
Acrylonitrile	ND	ug/L	100	1		03/27/08 17:58	107-13-1	
Benzene	ND	ug/L	5.0	1		03/27/08 17:58	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		03/27/08 17:58	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		03/27/08 17:58	75-27-4	
Bromoform	ND	ug/L	5.0	1		03/27/08 17:58	75-25-2	
Bromomethane	ND	ug/L	10.0	1		03/27/08 17:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		03/27/08 17:58	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		03/27/08 17:58	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		03/27/08 17:58	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		03/27/08 17:58	108-90-7	
Chloroethane	ND	ug/L	10.0	1		03/27/08 17:58	75-00-3	
Chloroform	ND	ug/L	5.0	1		03/27/08 17:58	67-66-3	
Chloromethane	ND	ug/L	5.0	1		03/27/08 17:58	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/27/08 17:58	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		03/27/08 17:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		03/27/08 17:58	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		03/27/08 17:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		03/27/08 17:58	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		03/27/08 17:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		03/27/08 17:58	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		03/27/08 17:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		03/27/08 17:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		03/27/08 17:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		03/27/08 17:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		03/27/08 17:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		03/27/08 17:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		03/27/08 17:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		03/27/08 17:58	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		03/27/08 17:58	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		03/27/08 17:58	591-78-6	
Iodomethane	ND	ug/L	10.0	1		03/27/08 17:58	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		03/27/08 17:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		03/27/08 17:58	108-10-1	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-8 **Lab ID: 9215995003** Collected: 03/24/08 10:10 Received: 03/24/08 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Styrene	ND	ug/L	5.0	1		03/27/08 17:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		03/27/08 17:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		03/27/08 17:58	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		03/27/08 17:58	127-18-4	
Toluene	ND	ug/L	5.0	1		03/27/08 17:58	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		03/27/08 17:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		03/27/08 17:58	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		03/27/08 17:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		03/27/08 17:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		03/27/08 17:58	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		03/27/08 17:58	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		03/27/08 17:58	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		03/27/08 17:58	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		03/27/08 17:58	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109	1		03/27/08 17:58	460-00-4	
Dibromofluoromethane (S)	102	%	85-115	1		03/27/08 17:58	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120	1		03/27/08 17:58	17060-07-0	
Toluene-d8 (S)	99	%	70-120	1		03/27/08 17:58	2037-26-5	

Sample: MW-3R **Lab ID: 9216326001** Collected: 03/28/08 19:25 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:41		
Collected Date	**3/28/08**			1		04/03/08 15:41		
Collected Time	**19:25**			1		04/03/08 15:41		
Field pH	**6.08**	Std. Units		1		04/03/08 15:41		
Field Temperature	**14.41**	deg C		1		04/03/08 15:41		
Static Water Level	**22.71**	feet		1		04/03/08 15:41		
Field Specific Conductance	**258**	umhos/cm		1		04/03/08 15:41		
Oxygen, Dissolved	**3.08**	mg/L		1		04/03/08 15:41	7782-44-7	
Total Well Depth	**27**	feet		1		04/03/08 15:41		
REDOX	**-43**	mV		1		04/03/08 15:41		
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina			Preparation Method: EPA 3010				
Arsenic	ND	ug/L	5.0	1	03/31/08 13:28	04/08/08 23:50	7440-38-2	
Barium	**293**	ug/L	5.0	1	03/31/08 13:28	04/08/08 23:50	7440-39-3	
Cadmium	ND	ug/L	1.0	1	03/31/08 13:28	04/08/08 23:50	7440-43-9	
Chromium	**0.63J**	ug/L	5.0	1	03/31/08 13:28	04/08/08 23:50	7440-47-3	
Lead	ND	ug/L	5.0	1	03/31/08 13:28	04/08/08 23:50	7439-92-1	
Selenium	**4.9J**	ug/L	10.0	1	03/31/08 13:28	04/08/08 23:50	7782-49-2	
Silver	**0.87J**	ug/L	5.0	1	03/31/08 13:28	04/08/08 23:50	7440-22-4	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-3R **Lab ID: 9216326001** Collected: 03/28/08 19:25 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:11	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/31/08 15:23	67-64-1	
Acrylonitrile	ND	ug/L	100	1		03/31/08 15:23	107-13-1	
Benzene	ND	ug/L	5.0	1		03/31/08 15:23	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		03/31/08 15:23	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		03/31/08 15:23	75-27-4	
Bromoform	ND	ug/L	5.0	1		03/31/08 15:23	75-25-2	
Bromomethane	ND	ug/L	10.0	1		03/31/08 15:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		03/31/08 15:23	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		03/31/08 15:23	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		03/31/08 15:23	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		03/31/08 15:23	108-90-7	
Chloroethane	ND	ug/L	10.0	1		03/31/08 15:23	75-00-3	
Chloroform	ND	ug/L	5.0	1		03/31/08 15:23	67-66-3	
Chloromethane	ND	ug/L	5.0	1		03/31/08 15:23	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/31/08 15:23	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		03/31/08 15:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		03/31/08 15:23	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		03/31/08 15:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		03/31/08 15:23	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		03/31/08 15:23	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		03/31/08 15:23	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		03/31/08 15:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		03/31/08 15:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		03/31/08 15:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		03/31/08 15:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		03/31/08 15:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		03/31/08 15:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		03/31/08 15:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		03/31/08 15:23	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		03/31/08 15:23	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		03/31/08 15:23	591-78-6	
Iodomethane	ND	ug/L	10.0	1		03/31/08 15:23	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		03/31/08 15:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		03/31/08 15:23	108-10-1	
Styrene	ND	ug/L	5.0	1		03/31/08 15:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		03/31/08 15:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		03/31/08 15:23	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		03/31/08 15:23	127-18-4	
Toluene	ND	ug/L	5.0	1		03/31/08 15:23	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		03/31/08 15:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		03/31/08 15:23	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		03/31/08 15:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		03/31/08 15:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		03/31/08 15:23	96-18-4	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-3R **Lab ID: 9216326001** Collected: 03/28/08 19:25 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Vinyl acetate	ND	ug/L	10.0	1		03/31/08 15:23	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		03/31/08 15:23	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		03/31/08 15:23	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		03/31/08 15:23	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109	1		03/31/08 15:23	460-00-4	
Dibromofluoromethane (S)	103	%	85-115	1		03/31/08 15:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120	1		03/31/08 15:23	17060-07-0	
Toluene-d8 (S)	98	%	70-120	1		03/31/08 15:23	2037-26-5	

Sample: MW-7 **Lab ID: 9216326002** Collected: 03/28/08 18:40 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:43		
Collected Date	**3/28/08**			1		04/03/08 15:43		
Collected Time	**18:40**			1		04/03/08 15:43		
Field pH	**5.84**	Std. Units		1		04/03/08 15:43		
Field Temperature	**15.59**	deg C		1		04/03/08 15:43		
Static Water Level	**40.60**	feet		1		04/03/08 15:43		
Field Specific Conductance	**141**	umhos/cm		1		04/03/08 15:43		
Oxygen, Dissolved	**3.04**	mg/L		1		04/03/08 15:43	7782-44-7	
Total Well Depth	**48**	feet		1		04/03/08 15:43		
REDOX	**52**	mV		1		04/03/08 15:43		
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	03/31/08 13:28	04/08/08 22:30	7440-38-2	
Barium	**95.7**	ug/L	5.0	1	03/31/08 13:28	04/08/08 22:30	7440-39-3	
Cadmium	ND	ug/L	1.0	1	03/31/08 13:28	04/08/08 22:30	7440-43-9	
Chromium	**7.3**	ug/L	5.0	1	03/31/08 13:28	04/08/08 22:30	7440-47-3	
Lead	ND	ug/L	5.0	1	03/31/08 13:28	04/08/08 22:30	7439-92-1	
Selenium	ND	ug/L	10.0	1	03/31/08 13:28	04/08/08 22:30	7782-49-2	
Silver	**0.66J**	ug/L	5.0	1	03/31/08 13:28	04/08/08 22:30	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:13	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/31/08 15:39	67-64-1	
Acrylonitrile	ND	ug/L	100	1		03/31/08 15:39	107-13-1	
Benzene	ND	ug/L	5.0	1		03/31/08 15:39	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		03/31/08 15:39	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		03/31/08 15:39	75-27-4	
Bromoform	ND	ug/L	5.0	1		03/31/08 15:39	75-25-2	
Bromomethane	ND	ug/L	10.0	1		03/31/08 15:39	74-83-9	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-7 **Lab ID: 9216326002** Collected: 03/28/08 18:40 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
2-Butanone (MEK)	ND	ug/L	10.0	1		03/31/08 15:39	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		03/31/08 15:39	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		03/31/08 15:39	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		03/31/08 15:39	108-90-7	
Chloroethane	ND	ug/L	10.0	1		03/31/08 15:39	75-00-3	
Chloroform	ND	ug/L	5.0	1		03/31/08 15:39	67-66-3	
Chloromethane	ND	ug/L	5.0	1		03/31/08 15:39	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/31/08 15:39	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		03/31/08 15:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		03/31/08 15:39	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		03/31/08 15:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		03/31/08 15:39	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		03/31/08 15:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		03/31/08 15:39	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		03/31/08 15:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		03/31/08 15:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		03/31/08 15:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		03/31/08 15:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		03/31/08 15:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		03/31/08 15:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		03/31/08 15:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		03/31/08 15:39	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		03/31/08 15:39	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		03/31/08 15:39	591-78-6	
Iodomethane	ND	ug/L	10.0	1		03/31/08 15:39	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		03/31/08 15:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		03/31/08 15:39	108-10-1	
Styrene	ND	ug/L	5.0	1		03/31/08 15:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		03/31/08 15:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		03/31/08 15:39	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		03/31/08 15:39	127-18-4	
Toluene	ND	ug/L	5.0	1		03/31/08 15:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		03/31/08 15:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		03/31/08 15:39	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		03/31/08 15:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		03/31/08 15:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		03/31/08 15:39	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		03/31/08 15:39	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		03/31/08 15:39	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		03/31/08 15:39	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		03/31/08 15:39	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109	1		03/31/08 15:39	460-00-4	
Dibromofluoromethane (S)	101	%	85-115	1		03/31/08 15:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120	1		03/31/08 15:39	17060-07-0	
Toluene-d8 (S)	101	%	70-120	1		03/31/08 15:39	2037-26-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-4R **Lab ID: 9216326003** Collected: 03/28/08 17:50 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:44		
Collected Date	**3/28/08**			1		04/03/08 15:44		
Collected Time	**17:50**			1		04/03/08 15:44		
Field pH	**6.75**	Std. Units		1		04/03/08 15:44		
Field Temperature	**11.87**	deg C		1		04/03/08 15:44		
Static Water Level	**10.49**	feet		1		04/03/08 15:44		
Field Specific Conductance	**254**	umhos/cm		1		04/03/08 15:44		
Oxygen, Dissolved	**3.69**	mg/L		1		04/03/08 15:44	7782-44-7	
Total Well Depth	**20.00**	feet		1		04/03/08 15:44		
REDOX	**24**	mV		1		04/03/08 15:44		
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina		Preparation Method: EPA 3010					
Arsenic	ND	ug/L	5.0	1	03/31/08 13:28	04/08/08 23:59	7440-38-2	
Barium	**172**	ug/L	5.0	1	03/31/08 13:28	04/08/08 23:59	7440-39-3	
Cadmium	ND	ug/L	1.0	1	03/31/08 13:28	04/08/08 23:59	7440-43-9	
Chromium	**0.40J**	ug/L	5.0	1	03/31/08 13:28	04/08/08 23:59	7440-47-3	
Lead	ND	ug/L	5.0	1	03/31/08 13:28	04/08/08 23:59	7439-92-1	
Selenium	ND	ug/L	10.0	1	03/31/08 13:28	04/08/08 23:59	7782-49-2	
Silver	**0.94J**	ug/L	5.0	1	03/31/08 13:28	04/08/08 23:59	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470					
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:16	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/31/08 15:55	67-64-1	
Acrylonitrile	ND	ug/L	100	1		03/31/08 15:55	107-13-1	
Benzene	ND	ug/L	5.0	1		03/31/08 15:55	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		03/31/08 15:55	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		03/31/08 15:55	75-27-4	
Bromoform	ND	ug/L	5.0	1		03/31/08 15:55	75-25-2	
Bromomethane	ND	ug/L	10.0	1		03/31/08 15:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		03/31/08 15:55	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		03/31/08 15:55	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		03/31/08 15:55	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		03/31/08 15:55	108-90-7	
Chloroethane	ND	ug/L	10.0	1		03/31/08 15:55	75-00-3	
Chloroform	ND	ug/L	5.0	1		03/31/08 15:55	67-66-3	
Chloromethane	ND	ug/L	5.0	1		03/31/08 15:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/31/08 15:55	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		03/31/08 15:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		03/31/08 15:55	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		03/31/08 15:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		03/31/08 15:55	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		03/31/08 15:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		03/31/08 15:55	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		03/31/08 15:55	75-34-3	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-4R **Lab ID: 9216326003** Collected: 03/28/08 17:50 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	5.0	1		03/31/08 15:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		03/31/08 15:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		03/31/08 15:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		03/31/08 15:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		03/31/08 15:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		03/31/08 15:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		03/31/08 15:55	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		03/31/08 15:55	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		03/31/08 15:55	591-78-6	
Iodomethane	ND	ug/L	10.0	1		03/31/08 15:55	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		03/31/08 15:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		03/31/08 15:55	108-10-1	
Styrene	ND	ug/L	5.0	1		03/31/08 15:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		03/31/08 15:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		03/31/08 15:55	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		03/31/08 15:55	127-18-4	
Toluene	ND	ug/L	5.0	1		03/31/08 15:55	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		03/31/08 15:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		03/31/08 15:55	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		03/31/08 15:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		03/31/08 15:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		03/31/08 15:55	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		03/31/08 15:55	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		03/31/08 15:55	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		03/31/08 15:55	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		03/31/08 15:55	95-47-6	
4-Bromofluorobenzene (S)	95	%	87-109	1		03/31/08 15:55	460-00-4	
Dibromofluoromethane (S)	104	%	85-115	1		03/31/08 15:55	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120	1		03/31/08 15:55	17060-07-0	
Toluene-d8 (S)	99	%	70-120	1		03/31/08 15:55	2037-26-5	

Sample: MW-5R **Lab ID: 9216326004** Collected: 03/28/08 17:00 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:49		
Collected Date	**3/28/08**			1		04/03/08 15:49		
Collected Time	**17:00**			1		04/03/08 15:49		
Field pH	**6.56**	Std. Units		1		04/03/08 15:49		
Field Temperature	**14.15**	deg C		1		04/03/08 15:49		
Static Water Level	**11.13**	feet		1		04/03/08 15:49		
Field Specific Conductance	**172**	umhos/cm		1		04/03/08 15:49		
Oxygen, Dissolved	**6.77**	mg/L		1		04/03/08 15:49	7782-44-7	
Total Well Depth	**30**	feet		1		04/03/08 15:49		
REDOX	**33**	mV		1		04/03/08 15:49		

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-5R **Lab ID: 9216326004** Collected: 03/28/08 17:00 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	03/31/08 13:28	04/09/08 00:04	7440-38-2	
Barium	**57.5**	ug/L	5.0	1	03/31/08 13:28	04/09/08 00:04	7440-39-3	
Cadmium	ND	ug/L	1.0	1	03/31/08 13:28	04/09/08 00:04	7440-43-9	
Chromium	**5.6**	ug/L	5.0	1	03/31/08 13:28	04/09/08 00:04	7440-47-3	
Lead	ND	ug/L	5.0	1	03/31/08 13:28	04/09/08 00:04	7439-92-1	
Selenium	ND	ug/L	10.0	1	03/31/08 13:28	04/09/08 00:04	7782-49-2	
Silver	**0.56J**	ug/L	5.0	1	03/31/08 13:28	04/09/08 00:04	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:23	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/31/08 16:12	67-64-1	
Acrylonitrile	ND	ug/L	100	1		03/31/08 16:12	107-13-1	
Benzene	ND	ug/L	5.0	1		03/31/08 16:12	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		03/31/08 16:12	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		03/31/08 16:12	75-27-4	
Bromoform	ND	ug/L	5.0	1		03/31/08 16:12	75-25-2	
Bromomethane	ND	ug/L	10.0	1		03/31/08 16:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		03/31/08 16:12	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		03/31/08 16:12	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		03/31/08 16:12	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		03/31/08 16:12	108-90-7	
Chloroethane	ND	ug/L	10.0	1		03/31/08 16:12	75-00-3	
Chloroform	ND	ug/L	5.0	1		03/31/08 16:12	67-66-3	
Chloromethane	ND	ug/L	5.0	1		03/31/08 16:12	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/31/08 16:12	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		03/31/08 16:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		03/31/08 16:12	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		03/31/08 16:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		03/31/08 16:12	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		03/31/08 16:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		03/31/08 16:12	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		03/31/08 16:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		03/31/08 16:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		03/31/08 16:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		03/31/08 16:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		03/31/08 16:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		03/31/08 16:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		03/31/08 16:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		03/31/08 16:12	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		03/31/08 16:12	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		03/31/08 16:12	591-78-6	
Iodomethane	ND	ug/L	10.0	1		03/31/08 16:12	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		03/31/08 16:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		03/31/08 16:12	108-10-1	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-5R **Lab ID: 9216326004** Collected: 03/28/08 17:00 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Styrene	ND	ug/L	5.0	1		03/31/08 16:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		03/31/08 16:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		03/31/08 16:12	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		03/31/08 16:12	127-18-4	
Toluene	ND	ug/L	5.0	1		03/31/08 16:12	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		03/31/08 16:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		03/31/08 16:12	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		03/31/08 16:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		03/31/08 16:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		03/31/08 16:12	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		03/31/08 16:12	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		03/31/08 16:12	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		03/31/08 16:12	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		03/31/08 16:12	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109	1		03/31/08 16:12	460-00-4	
Dibromofluoromethane (S)	103	%	85-115	1		03/31/08 16:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	79-120	1		03/31/08 16:12	17060-07-0	
Toluene-d8 (S)	101	%	70-120	1		03/31/08 16:12	2037-26-5	

Sample: MW-1R **Lab ID: 9216326005** Collected: 03/28/08 16:20 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:49		
Collected Date	**3/28/08**			1		04/03/08 15:49		
Collected Time	**16:20**			1		04/03/08 15:49		
Field pH	**6.04**	Std. Units		1		04/03/08 15:49		
Field Temperature	**16.62**	deg C		1		04/03/08 15:49		
Static Water Level	**38.28**	feet		1		04/03/08 15:49		
Field Specific Conductance	**91**	umhos/cm		1		04/03/08 15:49		
Oxygen, Dissolved	**4.61**	mg/L		1		04/03/08 15:49	7782-44-7	
Total Well Depth	**60**	feet		1		04/03/08 15:49		
REDOX	**56**	mV		1		04/03/08 15:49		
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina			Preparation Method: EPA 3010				
Arsenic	ND	ug/L	5.0	1	03/31/08 13:28	04/09/08 00:08	7440-38-2	
Barium	**90.3**	ug/L	5.0	1	03/31/08 13:28	04/09/08 00:08	7440-39-3	
Cadmium	ND	ug/L	1.0	1	03/31/08 13:28	04/09/08 00:08	7440-43-9	
Chromium	**0.49J**	ug/L	5.0	1	03/31/08 13:28	04/09/08 00:08	7440-47-3	
Lead	ND	ug/L	5.0	1	03/31/08 13:28	04/09/08 00:08	7439-92-1	
Selenium	ND	ug/L	10.0	1	03/31/08 13:28	04/09/08 00:08	7782-49-2	
Silver	**0.43J**	ug/L	5.0	1	03/31/08 13:28	04/09/08 00:08	7440-22-4	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-1R **Lab ID: 9216326005** Collected: 03/28/08 16:20 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:25	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/02/08 01:41	67-64-1	
Acrylonitrile	ND	ug/L	100	1		04/02/08 01:41	107-13-1	
Benzene	ND	ug/L	5.0	1		04/02/08 01:41	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		04/02/08 01:41	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/02/08 01:41	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/02/08 01:41	75-25-2	
Bromomethane	ND	ug/L	10.0	1		04/02/08 01:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		04/02/08 01:41	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		04/02/08 01:41	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/02/08 01:41	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/02/08 01:41	108-90-7	
Chloroethane	ND	ug/L	10.0	1		04/02/08 01:41	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/02/08 01:41	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/02/08 01:41	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/02/08 01:41	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		04/02/08 01:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/02/08 01:41	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/02/08 01:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 01:41	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 01:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		04/02/08 01:41	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/02/08 01:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/02/08 01:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/02/08 01:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 01:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 01:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/02/08 01:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 01:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 01:41	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/02/08 01:41	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		04/02/08 01:41	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/02/08 01:41	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		04/02/08 01:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		04/02/08 01:41	108-10-1	
Styrene	ND	ug/L	5.0	1		04/02/08 01:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 01:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 01:41	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/02/08 01:41	127-18-4	
Toluene	ND	ug/L	5.0	1		04/02/08 01:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/02/08 01:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/02/08 01:41	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/02/08 01:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		04/02/08 01:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/02/08 01:41	96-18-4	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-1R **Lab ID: 9216326005** Collected: 03/28/08 16:20 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Vinyl acetate	ND	ug/L	10.0	1		04/02/08 01:41	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		04/02/08 01:41	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		04/02/08 01:41	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		04/02/08 01:41	95-47-6	
4-Bromofluorobenzene (S)	94	%	87-109	1		04/02/08 01:41	460-00-4	
Dibromofluoromethane (S)	103	%	85-115	1		04/02/08 01:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	79-120	1		04/02/08 01:41	17060-07-0	
Toluene-d8 (S)	97	%	70-120	1		04/02/08 01:41	2037-26-5	

Sample: MW-2R **Lab ID: 9216326006** Collected: 03/28/08 15:30 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:51		
Collected Date	**3/28/08**			1		04/03/08 15:51		
Collected Time	**15:30**			1		04/03/08 15:51		
Field pH	**6.14**	Std. Units		1		04/03/08 15:51		
Field Temperature	**16.47**	deg C		1		04/03/08 15:51		
Static Water Level	**8.83**	feet		1		04/03/08 15:51		
Field Specific Conductance	**234**	umhos/cm		1		04/03/08 15:51		
Oxygen, Dissolved	**1.46**	mg/L		1		04/03/08 15:51	7782-44-7	
Total Well Depth	**21.00**	feet		1		04/03/08 15:51		
REDOX	**29**	mV		1		04/03/08 15:51		
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:39	7440-38-2	
Barium	**102**	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:39	7440-39-3	
Cadmium	ND	ug/L	1.0	1	04/01/08 11:35	04/09/08 00:39	7440-43-9	
Chromium	**0.79J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:39	7440-47-3	
Lead	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:39	7439-92-1	
Selenium	ND	ug/L	10.0	1	04/01/08 11:35	04/09/08 00:39	7782-49-2	
Silver	**0.93J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:39	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:28	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/02/08 01:57	67-64-1	
Acrylonitrile	ND	ug/L	100	1		04/02/08 01:57	107-13-1	
Benzene	ND	ug/L	5.0	1		04/02/08 01:57	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		04/02/08 01:57	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/02/08 01:57	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/02/08 01:57	75-25-2	
Bromomethane	ND	ug/L	10.0	1		04/02/08 01:57	74-83-9	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-2R **Lab ID: 9216326006** Collected: 03/28/08 15:30 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
2-Butanone (MEK)	ND	ug/L	10.0	1		04/02/08 01:57	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		04/02/08 01:57	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/02/08 01:57	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/02/08 01:57	108-90-7	
Chloroethane	ND	ug/L	10.0	1		04/02/08 01:57	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/02/08 01:57	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/02/08 01:57	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/02/08 01:57	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		04/02/08 01:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/02/08 01:57	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/02/08 01:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 01:57	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 01:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		04/02/08 01:57	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/02/08 01:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/02/08 01:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/02/08 01:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 01:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 01:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/02/08 01:57	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 01:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 01:57	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/02/08 01:57	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		04/02/08 01:57	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/02/08 01:57	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		04/02/08 01:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		04/02/08 01:57	108-10-1	
Styrene	ND	ug/L	5.0	1		04/02/08 01:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 01:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 01:57	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/02/08 01:57	127-18-4	
Toluene	ND	ug/L	5.0	1		04/02/08 01:57	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/02/08 01:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/02/08 01:57	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/02/08 01:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		04/02/08 01:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/02/08 01:57	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		04/02/08 01:57	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		04/02/08 01:57	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		04/02/08 01:57	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		04/02/08 01:57	95-47-6	
4-Bromofluorobenzene (S)	95	%	87-109	1		04/02/08 01:57	460-00-4	
Dibromofluoromethane (S)	104	%	85-115	1		04/02/08 01:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120	1		04/02/08 01:57	17060-07-0	
Toluene-d8 (S)	99	%	70-120	1		04/02/08 01:57	2037-26-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-12 **Lab ID: 9216326007** Collected: 03/28/08 14:05 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:52		
Collected Date	**3/28/08**			1		04/03/08 15:52		
Collected Time	**14:05**			1		04/03/08 15:52		
Field pH	**7.22**	Std. Units		1		04/03/08 15:52		
Field Temperature	**12.86**	deg C		1		04/03/08 15:52		
Static Water Level	**4.47**	feet		1		04/03/08 15:52		
Field Specific Conductance	**99**	umhos/cm		1		04/03/08 15:52		
Oxygen, Dissolved	**5.27**	mg/L		1		04/03/08 15:52	7782-44-7	
Total Well Depth	**15.58**	feet		1		04/03/08 15:52		
REDOX	**18**	mV		1		04/03/08 15:52		
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina		Preparation Method: EPA 3010					
Arsenic	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:48	7440-38-2	
Barium	**60.5**	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:48	7440-39-3	
Cadmium	ND	ug/L	1.0	1	04/01/08 11:35	04/09/08 00:48	7440-43-9	
Chromium	**1.8J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:48	7440-47-3	
Lead	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:48	7439-92-1	
Selenium	ND	ug/L	10.0	1	04/01/08 11:35	04/09/08 00:48	7782-49-2	
Silver	**0.15J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:48	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470					
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:30	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/02/08 02:13	67-64-1	
Acrylonitrile	ND	ug/L	100	1		04/02/08 02:13	107-13-1	
Benzene	ND	ug/L	5.0	1		04/02/08 02:13	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		04/02/08 02:13	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/02/08 02:13	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/02/08 02:13	75-25-2	
Bromomethane	ND	ug/L	10.0	1		04/02/08 02:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		04/02/08 02:13	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		04/02/08 02:13	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/02/08 02:13	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/02/08 02:13	108-90-7	
Chloroethane	ND	ug/L	10.0	1		04/02/08 02:13	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/02/08 02:13	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/02/08 02:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/02/08 02:13	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		04/02/08 02:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/02/08 02:13	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/02/08 02:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 02:13	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 02:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		04/02/08 02:13	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/02/08 02:13	75-34-3	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-12 **Lab ID: 9216326007** Collected: 03/28/08 14:05 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	5.0	1		04/02/08 02:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/02/08 02:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 02:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 02:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/02/08 02:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 02:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 02:13	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/02/08 02:13	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		04/02/08 02:13	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/02/08 02:13	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		04/02/08 02:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		04/02/08 02:13	108-10-1	
Styrene	ND	ug/L	5.0	1		04/02/08 02:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 02:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 02:13	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/02/08 02:13	127-18-4	
Toluene	ND	ug/L	5.0	1		04/02/08 02:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/02/08 02:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/02/08 02:13	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/02/08 02:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		04/02/08 02:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/02/08 02:13	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		04/02/08 02:13	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		04/02/08 02:13	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		04/02/08 02:13	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		04/02/08 02:13	95-47-6	
4-Bromofluorobenzene (S)	94	%	87-109	1		04/02/08 02:13	460-00-4	
Dibromofluoromethane (S)	103	%	85-115	1		04/02/08 02:13	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120	1		04/02/08 02:13	17060-07-0	
Toluene-d8 (S)	95	%	70-120	1		04/02/08 02:13	2037-26-5	

Sample: MW-11 **Lab ID: 9216326008** Collected: 03/28/08 13:30 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:53		
Collected Date	**3/28/08**			1		04/03/08 15:53		
Collected Time	**13:30**			1		04/03/08 15:53		
Field pH	**7.12**	Std. Units		1		04/03/08 15:53		
Field Temperature	**13.95**	deg C		1		04/03/08 15:53		
Static Water Level	**4.08**	feet		1		04/03/08 15:53		
Field Specific Conductance	**125**	umhos/cm		1		04/03/08 15:53		
Oxygen, Dissolved	**0.33**	mg/L		1		04/03/08 15:53	7782-44-7	
Total Well Depth	**20.00**	feet		1		04/03/08 15:53		
REDOX	**-172**	mV		1		04/03/08 15:53		

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-11 **Lab ID: 9216326008** Collected: 03/28/08 13:30 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:52	7440-38-2	
Barium	**29.2**	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:52	7440-39-3	
Cadmium	ND	ug/L	1.0	1	04/01/08 11:35	04/09/08 00:52	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:52	7440-47-3	
Lead	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:52	7439-92-1	
Selenium	ND	ug/L	10.0	1	04/01/08 11:35	04/09/08 00:52	7782-49-2	
Silver	**0.41J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:52	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:36	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/02/08 02:30	67-64-1	
Acrylonitrile	ND	ug/L	100	1		04/02/08 02:30	107-13-1	
Benzene	ND	ug/L	5.0	1		04/02/08 02:30	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		04/02/08 02:30	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/02/08 02:30	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/02/08 02:30	75-25-2	
Bromomethane	ND	ug/L	10.0	1		04/02/08 02:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		04/02/08 02:30	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		04/02/08 02:30	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/02/08 02:30	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/02/08 02:30	108-90-7	
Chloroethane	ND	ug/L	10.0	1		04/02/08 02:30	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/02/08 02:30	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/02/08 02:30	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/02/08 02:30	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		04/02/08 02:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/02/08 02:30	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/02/08 02:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 02:30	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 02:30	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		04/02/08 02:30	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/02/08 02:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/02/08 02:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/02/08 02:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 02:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 02:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/02/08 02:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 02:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 02:30	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/02/08 02:30	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		04/02/08 02:30	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/02/08 02:30	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		04/02/08 02:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		04/02/08 02:30	108-10-1	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-11 **Lab ID: 9216326008** Collected: 03/28/08 13:30 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Styrene	ND	ug/L	5.0	1		04/02/08 02:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 02:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 02:30	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/02/08 02:30	127-18-4	
Toluene	ND	ug/L	5.0	1		04/02/08 02:30	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/02/08 02:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/02/08 02:30	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/02/08 02:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		04/02/08 02:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/02/08 02:30	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		04/02/08 02:30	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		04/02/08 02:30	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		04/02/08 02:30	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		04/02/08 02:30	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109	1		04/02/08 02:30	460-00-4	
Dibromofluoromethane (S)	106	%	85-115	1		04/02/08 02:30	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	79-120	1		04/02/08 02:30	17060-07-0	
Toluene-d8 (S)	93	%	70-120	1		04/02/08 02:30	2037-26-5	

Sample: MW-10 **Lab ID: 9216326009** Collected: 03/28/08 12:45 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:54		
Collected Date	**3/28/08**			1		04/03/08 15:54		
Collected Time	**12:45**			1		04/03/08 15:54		
Field pH	**6.81**	Std. Units		1		04/03/08 15:54		
Field Temperature	**14.52**	deg C		1		04/03/08 15:54		
Static Water Level	**11.77**	feet		1		04/03/08 15:54		
Field Specific Conductance	**36**	umhos/cm		1		04/03/08 15:54		
Oxygen, Dissolved	**7.08**	mg/L		1		04/03/08 15:54	7782-44-7	
Total Well Depth	**21.0**	feet		1		04/03/08 15:54		
REDOX	**123**	mV		1		04/03/08 15:54		
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina			Preparation Method: EPA 3010				
Arsenic	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:57	7440-38-2	
Barium	**42.0**	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:57	7440-39-3	
Cadmium	ND	ug/L	1.0	1	04/01/08 11:35	04/09/08 00:57	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:57	7440-47-3	
Lead	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:57	7439-92-1	
Selenium	ND	ug/L	10.0	1	04/01/08 11:35	04/09/08 00:57	7782-49-2	
Silver	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 00:57	7440-22-4	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-10 **Lab ID: 9216326009** Collected: 03/28/08 12:45 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:38	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/02/08 02:46	67-64-1	
Acrylonitrile	ND	ug/L	100	1		04/02/08 02:46	107-13-1	
Benzene	ND	ug/L	5.0	1		04/02/08 02:46	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		04/02/08 02:46	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/02/08 02:46	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/02/08 02:46	75-25-2	
Bromomethane	ND	ug/L	10.0	1		04/02/08 02:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		04/02/08 02:46	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		04/02/08 02:46	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/02/08 02:46	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/02/08 02:46	108-90-7	
Chloroethane	ND	ug/L	10.0	1		04/02/08 02:46	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/02/08 02:46	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/02/08 02:46	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/02/08 02:46	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		04/02/08 02:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/02/08 02:46	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/02/08 02:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 02:46	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 02:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		04/02/08 02:46	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/02/08 02:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/02/08 02:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/02/08 02:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 02:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 02:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/02/08 02:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 02:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 02:46	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/02/08 02:46	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		04/02/08 02:46	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/02/08 02:46	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		04/02/08 02:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		04/02/08 02:46	108-10-1	
Styrene	ND	ug/L	5.0	1		04/02/08 02:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 02:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 02:46	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/02/08 02:46	127-18-4	
Toluene	ND	ug/L	5.0	1		04/02/08 02:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/02/08 02:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/02/08 02:46	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/02/08 02:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		04/02/08 02:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/02/08 02:46	96-18-4	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-10 **Lab ID: 9216326009** Collected: 03/28/08 12:45 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Vinyl acetate	ND	ug/L	10.0	1		04/02/08 02:46	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		04/02/08 02:46	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		04/02/08 02:46	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		04/02/08 02:46	95-47-6	
4-Bromofluorobenzene (S)	93	%	87-109	1		04/02/08 02:46	460-00-4	
Dibromofluoromethane (S)	105	%	85-115	1		04/02/08 02:46	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	79-120	1		04/02/08 02:46	17060-07-0	
Toluene-d8 (S)	99	%	70-120	1		04/02/08 02:46	2037-26-5	

Sample: MW-14 **Lab ID: 9216326010** Collected: 03/28/08 12:20 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:55		
Collected Date	**3/28/08**			1		04/03/08 15:55		
Collected Time	**12:20**			1		04/03/08 15:55		
Field pH	**5.82**	Std. Units		1		04/03/08 15:55		
Field Temperature	**16.47**	deg C		1		04/03/08 15:55		
Static Water Level	**51.11**	feet		1		04/03/08 15:55		
Field Specific Conductance	**136**	umhos/cm		1		04/03/08 15:55		
Oxygen, Dissolved	**6.69**	mg/L		1		04/03/08 15:55	7782-44-7	
Total Well Depth	**60.0**	feet		1		04/03/08 15:55		
REDOX	**124**	mV		1		04/03/08 15:55		
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:01	7440-38-2	
Barium	**186**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:01	7440-39-3	
Cadmium	ND	ug/L	1.0	1	04/01/08 11:35	04/09/08 01:01	7440-43-9	
Chromium	**4.1J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:01	7440-47-3	
Lead	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:01	7439-92-1	
Selenium	ND	ug/L	10.0	1	04/01/08 11:35	04/09/08 01:01	7782-49-2	
Silver	**0.56J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:01	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:41	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/02/08 03:02	67-64-1	
Acrylonitrile	ND	ug/L	100	1		04/02/08 03:02	107-13-1	
Benzene	ND	ug/L	5.0	1		04/02/08 03:02	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		04/02/08 03:02	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/02/08 03:02	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/02/08 03:02	75-25-2	
Bromomethane	ND	ug/L	10.0	1		04/02/08 03:02	74-83-9	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-14 **Lab ID: 9216326010** Collected: 03/28/08 12:20 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
2-Butanone (MEK)	ND	ug/L	10.0	1		04/02/08 03:02	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		04/02/08 03:02	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/02/08 03:02	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/02/08 03:02	108-90-7	
Chloroethane	ND	ug/L	10.0	1		04/02/08 03:02	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/02/08 03:02	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/02/08 03:02	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/02/08 03:02	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		04/02/08 03:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/02/08 03:02	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/02/08 03:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 03:02	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 03:02	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		04/02/08 03:02	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/02/08 03:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/02/08 03:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/02/08 03:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 03:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 03:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/02/08 03:02	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 03:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 03:02	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/02/08 03:02	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		04/02/08 03:02	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/02/08 03:02	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		04/02/08 03:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		04/02/08 03:02	108-10-1	
Styrene	ND	ug/L	5.0	1		04/02/08 03:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 03:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 03:02	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/02/08 03:02	127-18-4	
Toluene	ND	ug/L	5.0	1		04/02/08 03:02	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/02/08 03:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/02/08 03:02	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/02/08 03:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		04/02/08 03:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/02/08 03:02	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		04/02/08 03:02	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		04/02/08 03:02	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		04/02/08 03:02	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		04/02/08 03:02	95-47-6	
4-Bromofluorobenzene (S)	94	%	87-109	1		04/02/08 03:02	460-00-4	
Dibromofluoromethane (S)	105	%	85-115	1		04/02/08 03:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	79-120	1		04/02/08 03:02	17060-07-0	
Toluene-d8 (S)	97	%	70-120	1		04/02/08 03:02	2037-26-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-9 **Lab ID: 9216326011** Collected: 03/28/08 11:20 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:56		
Collected Date	**3/28/08**			1		04/03/08 15:56		
Collected Time	**11:20**			1		04/03/08 15:56		
Field pH	**5.66**	Std. Units		1		04/03/08 15:56		
Field Temperature	**17.68**	deg C		1		04/03/08 15:56		
Static Water Level	**51.33**	feet		1		04/03/08 15:56		
Field Specific Conductance	**123**	umhos/cm		1		04/03/08 15:56		
Oxygen, Dissolved	**7.80**	mg/L		1		04/03/08 15:56	7782-44-7	
Total Well Depth	**60.0**	feet		1		04/03/08 15:56		
REDOX	**191**	mV		1		04/03/08 15:56		
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina			Preparation Method: EPA 3010				
Arsenic	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:05	7440-38-2	
Barium	**124**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:05	7440-39-3	
Cadmium	ND	ug/L	1.0	1	04/01/08 11:35	04/09/08 01:05	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:05	7440-47-3	
Lead	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:05	7439-92-1	
Selenium	ND	ug/L	10.0	1	04/01/08 11:35	04/09/08 01:05	7782-49-2	
Silver	**0.22J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:05	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470					
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:43	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/02/08 03:18	67-64-1	
Acrylonitrile	ND	ug/L	100	1		04/02/08 03:18	107-13-1	
Benzene	ND	ug/L	5.0	1		04/02/08 03:18	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		04/02/08 03:18	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/02/08 03:18	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/02/08 03:18	75-25-2	
Bromomethane	ND	ug/L	10.0	1		04/02/08 03:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		04/02/08 03:18	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		04/02/08 03:18	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/02/08 03:18	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/02/08 03:18	108-90-7	
Chloroethane	ND	ug/L	10.0	1		04/02/08 03:18	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/02/08 03:18	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/02/08 03:18	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/02/08 03:18	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		04/02/08 03:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/02/08 03:18	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/02/08 03:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 03:18	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 03:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		04/02/08 03:18	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/02/08 03:18	75-34-3	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-9 **Lab ID: 9216326011** Collected: 03/28/08 11:20 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	5.0	1		04/02/08 03:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/02/08 03:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 03:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 03:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/02/08 03:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 03:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 03:18	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/02/08 03:18	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		04/02/08 03:18	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/02/08 03:18	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		04/02/08 03:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		04/02/08 03:18	108-10-1	
Styrene	ND	ug/L	5.0	1		04/02/08 03:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 03:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 03:18	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/02/08 03:18	127-18-4	
Toluene	ND	ug/L	5.0	1		04/02/08 03:18	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/02/08 03:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/02/08 03:18	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/02/08 03:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		04/02/08 03:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/02/08 03:18	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		04/02/08 03:18	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		04/02/08 03:18	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		04/02/08 03:18	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		04/02/08 03:18	95-47-6	
4-Bromofluorobenzene (S)	94	%	87-109	1		04/02/08 03:18	460-00-4	
Dibromofluoromethane (S)	103	%	85-115	1		04/02/08 03:18	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	79-120	1		04/02/08 03:18	17060-07-0	
Toluene-d8 (S)	98	%	70-120	1		04/02/08 03:18	2037-26-5	

Sample: SW-1 **Lab ID: 9216326012** Collected: 03/28/08 10:30 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:57		
Collected Date	**3/28/08**			1		04/03/08 15:57		
Collected Time	**10:30**			1		04/03/08 15:57		
Field pH	**7.69**	Std. Units		1		04/03/08 15:57		
Field Temperature	**14.74**	deg C		1		04/03/08 15:57		
Field Specific Conductance	**194**	umhos/cm		1		04/03/08 15:57		
Oxygen, Dissolved	**7.50**	mg/L		1		04/03/08 15:57	7782-44-7	
REDOX	**197**	mV		1		04/03/08 15:57		

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: SW-1 **Lab ID: 9216326012** Collected: 03/28/08 10:30 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:10	7440-38-2	
Barium	**79.7**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:10	7440-39-3	
Cadmium	ND	ug/L	1.0	1	04/01/08 11:35	04/09/08 01:10	7440-43-9	
Chromium	**1.2J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:10	7440-47-3	
Lead	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:10	7439-92-1	
Selenium	ND	ug/L	10.0	1	04/01/08 11:35	04/09/08 01:10	7782-49-2	
Silver	**0.37J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:10	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:46	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/02/08 03:34	67-64-1	
Acrylonitrile	ND	ug/L	100	1		04/02/08 03:34	107-13-1	
Benzene	ND	ug/L	5.0	1		04/02/08 03:34	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		04/02/08 03:34	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/02/08 03:34	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/02/08 03:34	75-25-2	
Bromomethane	ND	ug/L	10.0	1		04/02/08 03:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		04/02/08 03:34	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		04/02/08 03:34	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/02/08 03:34	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/02/08 03:34	108-90-7	
Chloroethane	ND	ug/L	10.0	1		04/02/08 03:34	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/02/08 03:34	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/02/08 03:34	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/02/08 03:34	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		04/02/08 03:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/02/08 03:34	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/02/08 03:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 03:34	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 03:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		04/02/08 03:34	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/02/08 03:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/02/08 03:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/02/08 03:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 03:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 03:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/02/08 03:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 03:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 03:34	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/02/08 03:34	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		04/02/08 03:34	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/02/08 03:34	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		04/02/08 03:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		04/02/08 03:34	108-10-1	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: SW-1 **Lab ID: 9216326012** Collected: 03/28/08 10:30 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Styrene	ND	ug/L	5.0	1		04/02/08 03:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 03:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 03:34	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/02/08 03:34	127-18-4	
Toluene	ND	ug/L	5.0	1		04/02/08 03:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/02/08 03:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/02/08 03:34	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/02/08 03:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		04/02/08 03:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/02/08 03:34	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		04/02/08 03:34	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		04/02/08 03:34	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		04/02/08 03:34	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		04/02/08 03:34	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109	1		04/02/08 03:34	460-00-4	
Dibromofluoromethane (S)	104	%	85-115	1		04/02/08 03:34	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	79-120	1		04/02/08 03:34	17060-07-0	
Toluene-d8 (S)	94	%	70-120	1		04/02/08 03:34	2037-26-5	

Sample: SW-2 **Lab ID: 9216326013** Collected: 03/28/08 09:40 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:58		
Collected Date	**3/28/08**			1		04/03/08 15:58		
Collected Time	**09:40**			1		04/03/08 15:58		
Field pH	**8.54**	Std. Units		1		04/03/08 15:58		
Field Temperature	**13.50**	deg C		1		04/03/08 15:58		
Field Specific Conductance	**122**	umhos/cm		1		04/03/08 15:58		
Oxygen, Dissolved	**7.28**	mg/L		1		04/03/08 15:58	7782-44-7	
REDOX	**195**	mV		1		04/03/08 15:58		
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina			Preparation Method: EPA 3010				
Arsenic	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:14	7440-38-2	
Barium	**50.6**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:14	7440-39-3	
Cadmium	ND	ug/L	1.0	1	04/01/08 11:35	04/09/08 01:14	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:14	7440-47-3	
Lead	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:14	7439-92-1	
Selenium	ND	ug/L	10.0	1	04/01/08 11:35	04/09/08 01:14	7782-49-2	
Silver	**0.26J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:14	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470					
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 15:48	7439-97-6	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: SW-2 **Lab ID: 9216326013** Collected: 03/28/08 09:40 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/02/08 03:50	67-64-1	
Acrylonitrile	ND	ug/L	100	1		04/02/08 03:50	107-13-1	
Benzene	ND	ug/L	5.0	1		04/02/08 03:50	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		04/02/08 03:50	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/02/08 03:50	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/02/08 03:50	75-25-2	
Bromomethane	ND	ug/L	10.0	1		04/02/08 03:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		04/02/08 03:50	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		04/02/08 03:50	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/02/08 03:50	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/02/08 03:50	108-90-7	
Chloroethane	ND	ug/L	10.0	1		04/02/08 03:50	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/02/08 03:50	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/02/08 03:50	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/02/08 03:50	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		04/02/08 03:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/02/08 03:50	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/02/08 03:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 03:50	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 03:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		04/02/08 03:50	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/02/08 03:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/02/08 03:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/02/08 03:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 03:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 03:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/02/08 03:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 03:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 03:50	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/02/08 03:50	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		04/02/08 03:50	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/02/08 03:50	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		04/02/08 03:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		04/02/08 03:50	108-10-1	
Styrene	ND	ug/L	5.0	1		04/02/08 03:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 03:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 03:50	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/02/08 03:50	127-18-4	
Toluene	ND	ug/L	5.0	1		04/02/08 03:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/02/08 03:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/02/08 03:50	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/02/08 03:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		04/02/08 03:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/02/08 03:50	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		04/02/08 03:50	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		04/02/08 03:50	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		04/02/08 03:50	1330-20-7	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: SW-2 **Lab ID: 9216326013** Collected: 03/28/08 09:40 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		04/02/08 03:50	95-47-6	
4-Bromofluorobenzene (S)	91	%	87-109	1		04/02/08 03:50	460-00-4	
Dibromofluoromethane (S)	101	%	85-115	1		04/02/08 03:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	79-120	1		04/02/08 03:50	17060-07-0	
Toluene-d8 (S)	96	%	70-120	1		04/02/08 03:50	2037-26-5	

Sample: MW-13 **Lab ID: 9216326014** Collected: 03/28/08 14:45 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**JJQ**			1		04/03/08 15:59		
Collected Date	**3/28/08**			1		04/03/08 15:59		
Collected Time	**14:45**			1		04/03/08 15:59		
Field pH	**6.45**	Std. Units		1		04/03/08 15:59		
Field Temperature	**15.63**	deg C		1		04/03/08 15:59		
Static Water Level	**8.78**	feet		1		04/03/08 15:59		
Field Specific Conductance	**72**	umhos/cm		1		04/03/08 15:59		
Oxygen, Dissolved	**5.85**	mg/L		1		04/03/08 15:59	7782-44-7	
Total Well Depth	**20.00**	feet		1		04/03/08 15:59		
REDOX	**74**	mV		1		04/03/08 15:59		
6010 ICP Groundwater	Analytical Method: EPA 6010 GW North Carolina Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:28	7440-38-2	
Barium	**64.6**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:28	7440-39-3	
Cadmium	ND	ug/L	1.0	1	04/01/08 11:35	04/09/08 01:28	7440-43-9	
Chromium	**1.1J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:28	7440-47-3	
Lead	ND	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:28	7439-92-1	
Selenium	ND	ug/L	10.0	1	04/01/08 11:35	04/09/08 01:28	7782-49-2	
Silver	**0.21J**	ug/L	5.0	1	04/01/08 11:35	04/09/08 01:28	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/04/08 09:35	04/04/08 16:01	7439-97-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/02/08 04:06	67-64-1	
Acrylonitrile	ND	ug/L	100	1		04/02/08 04:06	107-13-1	
Benzene	ND	ug/L	5.0	1		04/02/08 04:06	71-43-2	
Bromochloromethane	ND	ug/L	5.0	1		04/02/08 04:06	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/02/08 04:06	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/02/08 04:06	75-25-2	
Bromomethane	ND	ug/L	10.0	1		04/02/08 04:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		04/02/08 04:06	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		04/02/08 04:06	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/02/08 04:06	56-23-5	

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ANALYTICAL RESULTS

Project: OSR
Pace Project No.: 9215995

Sample: MW-13 **Lab ID: 9216326014** Collected: 03/28/08 14:45 Received: 03/29/08 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Chlorobenzene	ND	ug/L	5.0	1		04/02/08 04:06	108-90-7	
Chloroethane	ND	ug/L	10.0	1		04/02/08 04:06	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/02/08 04:06	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/02/08 04:06	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/02/08 04:06	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		04/02/08 04:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/02/08 04:06	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/02/08 04:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 04:06	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/02/08 04:06	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1		04/02/08 04:06	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/02/08 04:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/02/08 04:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/02/08 04:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 04:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/02/08 04:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/02/08 04:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 04:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/02/08 04:06	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/02/08 04:06	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		04/02/08 04:06	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/02/08 04:06	74-88-4	
Methylene Chloride	ND	ug/L	5.0	1		04/02/08 04:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		04/02/08 04:06	108-10-1	
Styrene	ND	ug/L	5.0	1		04/02/08 04:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 04:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/02/08 04:06	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/02/08 04:06	127-18-4	
Toluene	ND	ug/L	5.0	1		04/02/08 04:06	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/02/08 04:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/02/08 04:06	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/02/08 04:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		04/02/08 04:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/02/08 04:06	96-18-4	
Vinyl acetate	ND	ug/L	10.0	1		04/02/08 04:06	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		04/02/08 04:06	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		04/02/08 04:06	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		04/02/08 04:06	95-47-6	
4-Bromofluorobenzene (S)	93	%	87-109	1		04/02/08 04:06	460-00-4	
Dibromofluoromethane (S)	101	%	85-115	1		04/02/08 04:06	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	79-120	1		04/02/08 04:06	17060-07-0	
Toluene-d8 (S)	99	%	70-120	1		04/02/08 04:06	2037-26-5	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

QC Batch: MSV/2896 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 9215995001, 9215995002, 9215995003

METHOD BLANK: 92347
Associated Lab Samples: 9215995001, 9215995002, 9215995003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,1-Trichloroethane	ug/L	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,2-Trichloroethane	ug/L	ND	5.0	
1,1-Dichloroethane	ug/L	ND	5.0	
1,1-Dichloroethene	ug/L	ND	5.0	
1,2,3-Trichloropropane	ug/L	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	
1,2-Dichlorobenzene	ug/L	ND	5.0	
1,2-Dichloroethane	ug/L	ND	5.0	
1,2-Dichloropropane	ug/L	ND	5.0	
1,4-Dichlorobenzene	ug/L	ND	5.0	
2-Butanone (MEK)	ug/L	4.9J	10.0	
2-Hexanone	ug/L	ND	10.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	
Acetone	ug/L	11.5J	25.0	
Acrylonitrile	ug/L	ND	100	
Benzene	ug/L	ND	5.0	
Bromochloromethane	ug/L	ND	5.0	
Bromodichloromethane	ug/L	ND	5.0	
Bromoform	ug/L	ND	5.0	
Bromomethane	ug/L	ND	10.0	
Carbon disulfide	ug/L	ND	10.0	
Carbon tetrachloride	ug/L	ND	5.0	
Chlorobenzene	ug/L	ND	5.0	
Chloroethane	ug/L	ND	10.0	
Chloroform	ug/L	ND	5.0	
Chloromethane	ug/L	ND	5.0	
cis-1,2-Dichloroethene	ug/L	ND	5.0	
cis-1,3-Dichloropropene	ug/L	ND	5.0	
Dibromochloromethane	ug/L	ND	5.0	
Dibromomethane	ug/L	ND	5.0	
Ethylbenzene	ug/L	ND	5.0	
Iodomethane	ug/L	ND	10.0	
m&p-Xylene	ug/L	ND	10.0	
Methylene Chloride	ug/L	ND	5.0	
o-Xylene	ug/L	ND	5.0	
Styrene	ug/L	ND	5.0	
Tetrachloroethene	ug/L	ND	5.0	
Toluene	ug/L	ND	5.0	
trans-1,2-Dichloroethene	ug/L	ND	5.0	
trans-1,3-Dichloropropene	ug/L	ND	5.0	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

METHOD BLANK: 92347

Associated Lab Samples: 9215995001, 9215995002, 9215995003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	ND	5.0	
Trichloroethene	ug/L	ND	5.0	
Trichlorofluoromethane	ug/L	ND	10.0	
Vinyl acetate	ug/L	ND	10.0	
Vinyl chloride	ug/L	ND	5.0	
1,2-Dichloroethane-d4 (S)	%	101	79-120	
4-Bromofluorobenzene (S)	%	97	87-109	
Dibromofluoromethane (S)	%	100	85-115	
Toluene-d8 (S)	%	99	70-120	

LABORATORY CONTROL SAMPLE: 92348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.8	114	83-125	
1,1,1-Trichloroethane	ug/L	50	54.5	109	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	52.8	106	73-127	
1,1,2-Trichloroethane	ug/L	50	55.6	111	77-123	
1,1-Dichloroethane	ug/L	50	54.2	108	76-129	
1,1-Dichloroethene	ug/L	50	61.1	122	78-146	
1,2,3-Trichloropropane	ug/L	50	55.0	110	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	52.0	104	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	54.5	109	81-125	
1,2-Dichlorobenzene	ug/L	50	56.1	112	82-126	
1,2-Dichloroethane	ug/L	50	53.3	107	72-126	
1,2-Dichloropropane	ug/L	50	55.3	111	80-127	
1,4-Dichlorobenzene	ug/L	50	52.8	106	79-125	
2-Butanone (MEK)	ug/L	100	137	137	50-134	L3
2-Hexanone	ug/L	100	143	143	58-138	L3
4-Methyl-2-pentanone (MIBK)	ug/L	100	126	126	70-131	
Acetone	ug/L	100	193	193	50-146	L3
Acrylonitrile	ug/L	250	304	122	66-124	
Benzene	ug/L	50	53.2	106	78-128	
Bromochloromethane	ug/L	50	54.5	109	73-124	
Bromodichloromethane	ug/L	50	59.4	119	81-125	
Bromoform	ug/L	50	62.5	125	71-125	
Bromomethane	ug/L	50	53.4	107	50-150	
Carbon disulfide	ug/L	50	60.7	121	54-150	
Carbon tetrachloride	ug/L	50	61.9	124	81-137	
Chlorobenzene	ug/L	50	54.6	109	82-126	
Chloroethane	ug/L	50	40.7	81	69-140	
Chloroform	ug/L	50	51.5	103	77-129	
Chloromethane	ug/L	50	45.7	91	54-139	
cis-1,2-Dichloroethene	ug/L	50	59.9	120	76-133	
cis-1,3-Dichloropropene	ug/L	50	58.0	116	76-127	
Dibromochloromethane	ug/L	50	60.0	120	77-125	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

LABORATORY CONTROL SAMPLE: 92348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromomethane	ug/L	50	53.6	107	77-125	
Ethylbenzene	ug/L	50	54.4	109	80-127	
Iodomethane	ug/L	100	180	180	65-172	L3
m&p-Xylene	ug/L	100	108	108	82-127	
Methylene Chloride	ug/L	50	49.7	99	67-133	
o-Xylene	ug/L	50	53.2	106	83-124	
Styrene	ug/L	50	54.3	109	80-130	
Tetrachloroethene	ug/L	50	55.3	111	78-128	
Toluene	ug/L	50	53.6	107	76-126	
trans-1,2-Dichloroethene	ug/L	50	56.4	113	78-134	
trans-1,3-Dichloropropene	ug/L	50	59.4	119	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	63.4	127	51-140	
Trichloroethene	ug/L	50	56.1	112	79-127	
Trichlorofluoromethane	ug/L	50	57.4	115	76-148	
Vinyl acetate	ug/L	100	110	110	50-150	
Vinyl chloride	ug/L	50	52.0	104	67-143	
1,2-Dichloroethane-d4 (S)	%			99	79-120	
4-Bromofluorobenzene (S)	%			100	87-109	
Dibromofluoromethane (S)	%			98	85-115	
Toluene-d8 (S)	%			101	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 92349 92350

Parameter	Units	9215931007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	61.7	58.2	123	116	60-150	6	
Benzene	ug/L	ND	50	50	53.4	51.5	107	103	74-136	4	
Chlorobenzene	ug/L	ND	50	50	52.8	50.7	106	101	79-135	4	
Toluene	ug/L	ND	50	50	50.3	48.3	101	97	73-131	4	
Trichloroethene	ug/L	ND	50	50	51.8	49.3	104	99	73-131	5	
1,2-Dichloroethane-d4 (S)	%						107	106	79-120		
4-Bromofluorobenzene (S)	%						100	99	87-109		
Dibromofluoromethane (S)	%						101	101	85-115		
Toluene-d8 (S)	%						99	99	70-120		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

QC Batch: MPRP/2099
QC Batch Method: EPA 3010
Analysis Method: EPA 6010 GW North Carolina
Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9215995002, 9215995003

METHOD BLANK: 94304
Associated Lab Samples: 9215995002, 9215995003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	ug/L	ND	5.0	
Barium	ug/L	ND	5.0	
Cadmium	ug/L	ND	1.0	
Chromium	ug/L	ND	5.0	
Lead	ug/L	ND	5.0	
Selenium	ug/L	ND	10.0	
Silver	ug/L	0.58J	5.0	

LABORATORY CONTROL SAMPLE: 94305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	454	91	80-120	
Barium	ug/L	500	426	85	80-120	
Cadmium	ug/L	500	462	92	80-120	
Chromium	ug/L	500	462	92	80-120	
Lead	ug/L	500	454	91	80-120	
Selenium	ug/L	500	442	88	80-120	
Silver	ug/L	250	232	93	80-120	

MATRIX SPIKE SAMPLE: 94306

Parameter	Units	9215995002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	ND	500	419	84	75-125	
Barium	ug/L	ND	500	396	79	75-125	
Cadmium	ug/L	ND	500	428	86	75-125	
Chromium	ug/L	ND	500	427	85	75-125	
Lead	ug/L	ND	500	422	84	75-125	
Selenium	ug/L	ND	500	410	82	75-125	
Silver	ug/L	ND	250	215	86	75-125	

SAMPLE DUPLICATE: 94307

Parameter	Units	9215995003 Result	Dup Result	RPD	Qualifiers
Arsenic	ug/L	ND	ND	54	
Barium	ug/L	24.0	25.5	6	
Cadmium	ug/L	ND	ND	0	
Chromium	ug/L	0.42J	ND	8	
Lead	ug/L	ND	ND	0	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

SAMPLE DUPLICATE: 94307

Parameter	Units	9215995003 Result	Dup Result	RPD	Qualifiers
Selenium	ug/L	ND	ND	200	
Silver	ug/L	0.13J	0.68J	137	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

QC Batch: MERP/1402
Analysis Method: EPA 7470
QC Batch Method: EPA 7470
Analysis Description: 7470 Mercury
Associated Lab Samples: 9215995002, 9215995003

METHOD BLANK: 95134
Associated Lab Samples: 9215995002, 9215995003

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

LABORATORY CONTROL SAMPLE: 95135

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.7	108	80-120	

MATRIX SPIKE SAMPLE: 95136

Parameter	Units	9216155001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.30	2.5	2.0	69	75-125	M1

SAMPLE DUPLICATE: 95137

Parameter	Units	9216156001 Result	Dup Result	RPD	Qualifiers
Mercury	ug/L	0.37	0.30	22	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

QC Batch: MPRP/2112 | Analysis Method: EPA 6010 GW North Carolina
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9216326001, 9216326002, 9216326003, 9216326004, 9216326005

METHOD BLANK: 95196
Associated Lab Samples: 9216326001, 9216326002, 9216326003, 9216326004, 9216326005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	ug/L	ND	5.0	
Barium	ug/L	ND	5.0	
Cadmium	ug/L	ND	1.0	
Chromium	ug/L	ND	5.0	
Lead	ug/L	ND	5.0	
Selenium	ug/L	ND	10.0	
Silver	ug/L	ND	5.0	

LABORATORY CONTROL SAMPLE: 95197

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	568	114	80-120	
Barium	ug/L	500	530	106	80-120	
Cadmium	ug/L	500	569	114	80-120	
Chromium	ug/L	500	568	114	80-120	
Lead	ug/L	500	571	114	80-120	
Selenium	ug/L	500	554	111	80-120	
Silver	ug/L	250	270	108	80-120	

MATRIX SPIKE SAMPLE: 95198

Parameter	Units	9216008027 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	ND	500	554	111	75-125	
Barium	ug/L	98.9	500	598	100	75-125	
Cadmium	ug/L	ND	500	540	108	75-125	
Chromium	ug/L	5.1	500	547	108	75-125	
Lead	ug/L	ND	500	533	106	75-125	
Selenium	ug/L	ND	500	542	108	75-125	
Silver	ug/L	ND	250	261	104	75-125	

SAMPLE DUPLICATE: 95199

Parameter	Units	9216008028 Result	Dup Result	RPD	Qualifiers
Arsenic	ug/L	ND	ND	0	
Barium	ug/L	89.1	87.9	1	
Cadmium	ug/L	ND	ND	0	
Chromium	ug/L	ND	1.6J	22	
Lead	ug/L	ND	ND	0	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

SAMPLE DUPLICATE: 95199

Parameter	Units	9216008028 Result	Dup Result	RPD	Qualifiers
Selenium	ug/L	ND	ND	0	
Silver	ug/L	ND	ND	0	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

QC Batch: MSV/2977 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 9216326005, 9216326006, 9216326007, 9216326008, 9216326009, 9216326010, 9216326011, 9216326012, 9216326013, 9216326014

METHOD BLANK: 95243
Associated Lab Samples: 9216326005, 9216326006, 9216326007, 9216326008, 9216326009, 9216326010, 9216326011, 9216326012, 9216326013, 9216326014

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,1-Trichloroethane	ug/L	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,2-Trichloroethane	ug/L	ND	5.0	
1,1-Dichloroethane	ug/L	ND	5.0	
1,1-Dichloroethene	ug/L	ND	5.0	
1,2,3-Trichloropropane	ug/L	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	
1,2-Dichlorobenzene	ug/L	ND	5.0	
1,2-Dichloroethane	ug/L	ND	5.0	
1,2-Dichloropropane	ug/L	ND	5.0	
1,4-Dichlorobenzene	ug/L	ND	5.0	
2-Butanone (MEK)	ug/L	ND	10.0	
2-Hexanone	ug/L	ND	10.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	
Acetone	ug/L	ND	25.0	
Acrylonitrile	ug/L	ND	100	
Benzene	ug/L	ND	5.0	
Bromochloromethane	ug/L	ND	5.0	
Bromodichloromethane	ug/L	ND	5.0	
Bromoform	ug/L	ND	5.0	
Bromomethane	ug/L	ND	10.0	
Carbon disulfide	ug/L	ND	10.0	
Carbon tetrachloride	ug/L	ND	5.0	
Chlorobenzene	ug/L	ND	5.0	
Chloroethane	ug/L	ND	10.0	
Chloroform	ug/L	ND	5.0	
Chloromethane	ug/L	ND	5.0	
cis-1,2-Dichloroethene	ug/L	ND	5.0	
cis-1,3-Dichloropropene	ug/L	ND	5.0	
Dibromochloromethane	ug/L	ND	5.0	
Dibromomethane	ug/L	ND	5.0	
Ethylbenzene	ug/L	ND	5.0	
Iodomethane	ug/L	ND	10.0	
m&p-Xylene	ug/L	ND	10.0	
Methylene Chloride	ug/L	ND	5.0	
o-Xylene	ug/L	ND	5.0	
Styrene	ug/L	ND	5.0	
Tetrachloroethene	ug/L	3.0J	5.0	
Toluene	ug/L	ND	5.0	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

METHOD BLANK: 95243

Associated Lab Samples: 9216326005, 9216326006, 9216326007, 9216326008, 9216326009, 9216326010, 9216326011, 9216326012, 9216326013, 9216326014

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	5.0	
trans-1,3-Dichloropropene	ug/L	ND	5.0	
trans-1,4-Dichloro-2-butene	ug/L	ND	5.0	
Trichloroethene	ug/L	ND	5.0	
Trichlorofluoromethane	ug/L	ND	10.0	
Vinyl acetate	ug/L	ND	10.0	
Vinyl chloride	ug/L	ND	5.0	
1,2-Dichloroethane-d4 (S)	%	111	79-120	
4-Bromofluorobenzene (S)	%	95	87-109	
Dibromofluoromethane (S)	%	105	85-115	
Toluene-d8 (S)	%	99	70-120	

LABORATORY CONTROL SAMPLE: 95244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	60.8	122	83-125	
1,1,1-Trichloroethane	ug/L	50	59.3	119	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	49.6	99	73-127	
1,1,2-Trichloroethane	ug/L	50	56.5	113	77-123	
1,1-Dichloroethane	ug/L	50	54.1	108	76-129	
1,1-Dichloroethene	ug/L	50	54.8	110	78-146	
1,2,3-Trichloropropane	ug/L	50	59.6	119	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	55.6	111	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	57.2	114	81-125	
1,2-Dichlorobenzene	ug/L	50	59.2	118	82-126	
1,2-Dichloroethane	ug/L	50	57.8	116	72-126	
1,2-Dichloropropane	ug/L	50	55.6	111	80-127	
1,4-Dichlorobenzene	ug/L	50	56.4	113	79-125	
2-Butanone (MEK)	ug/L	100	121	121	50-134	
2-Hexanone	ug/L	100	130	130	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	122	122	70-131	
Acetone	ug/L	100	150	150	50-146	L3
Acrylonitrile	ug/L	250	270	108	66-124	
Benzene	ug/L	50	54.6	109	78-128	
Bromochloromethane	ug/L	50	53.2	106	73-124	
Bromodichloromethane	ug/L	50	58.6	117	81-125	
Bromoform	ug/L	50	53.1	106	71-125	
Bromomethane	ug/L	50	56.8	114	50-150	
Carbon disulfide	ug/L	50	45.9	92	54-150	
Carbon tetrachloride	ug/L	50	61.9	124	81-137	
Chlorobenzene	ug/L	50	60.2	120	82-126	
Chloroethane	ug/L	50	51.0	102	69-140	
Chloroform	ug/L	50	60.0	120	77-129	
Chloromethane	ug/L	50	39.4	79	54-139	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

LABORATORY CONTROL SAMPLE: 95244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	54.5	109	76-133	
cis-1,3-Dichloropropene	ug/L	50	56.4	113	76-127	
Dibromochloromethane	ug/L	50	56.4	113	77-125	
Dibromomethane	ug/L	50	56.7	113	77-125	
Ethylbenzene	ug/L	50	58.6	117	80-127	
Iodomethane	ug/L	100	117	117	65-172	
m&p-Xylene	ug/L	100	117	117	82-127	
Methylene Chloride	ug/L	50	51.1	102	67-133	
o-Xylene	ug/L	50	57.4	115	83-124	
Styrene	ug/L	50	57.5	115	80-130	
Tetrachloroethene	ug/L	50	54.8	110	78-128	
Toluene	ug/L	50	56.2	112	76-126	
trans-1,2-Dichloroethene	ug/L	50	49.6	99	78-134	
trans-1,3-Dichloropropene	ug/L	50	58.2	116	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	43.6	87	51-140	
Trichloroethene	ug/L	50	63.2	126	79-127	
Trichlorofluoromethane	ug/L	50	58.8	118	76-148	
Vinyl acetate	ug/L	100	71.5	71	50-150	
Vinyl chloride	ug/L	50	54.3	109	67-143	
1,2-Dichloroethane-d4 (S)	%			106	79-120	
4-Bromofluorobenzene (S)	%			103	87-109	
Dibromofluoromethane (S)	%			102	85-115	
Toluene-d8 (S)	%			101	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 95805 95806

Parameter	Units	9216326005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	48.3	53.0	97	106	60-150	9	
Benzene	ug/L	ND	50	50	44.4	48.8	89	98	74-136	9	
Chlorobenzene	ug/L	ND	50	50	47.1	50.8	94	102	79-135	8	
Toluene	ug/L	ND	50	50	44.3	48.1	89	96	73-131	8	
Trichloroethene	ug/L	ND	50	50	47.8	52.1	96	104	73-131	8	
1,2-Dichloroethane-d4 (S)	%						109	109	79-120		
4-Bromofluorobenzene (S)	%						95	94	87-109		
Dibromofluoromethane (S)	%						101	101	85-115		
Toluene-d8 (S)	%						97	99	70-120		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

QC Batch: MSV/2981 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 9216326001, 9216326002, 9216326003, 9216326004

METHOD BLANK: 95286
Associated Lab Samples: 9216326001, 9216326002, 9216326003, 9216326004

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,1-Trichloroethane	ug/L	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,2-Trichloroethane	ug/L	ND	5.0	
1,1-Dichloroethane	ug/L	ND	5.0	
1,1-Dichloroethene	ug/L	ND	5.0	
1,2,3-Trichloropropane	ug/L	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	
1,2-Dichlorobenzene	ug/L	ND	5.0	
1,2-Dichloroethane	ug/L	ND	5.0	
1,2-Dichloropropane	ug/L	ND	5.0	
1,4-Dichlorobenzene	ug/L	ND	5.0	
2-Butanone (MEK)	ug/L	ND	10.0	
2-Hexanone	ug/L	ND	10.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	
Acetone	ug/L	ND	25.0	
Acrylonitrile	ug/L	ND	100	
Benzene	ug/L	ND	5.0	
Bromochloromethane	ug/L	ND	5.0	
Bromodichloromethane	ug/L	ND	5.0	
Bromoform	ug/L	ND	5.0	
Bromomethane	ug/L	ND	10.0	
Carbon disulfide	ug/L	ND	10.0	
Carbon tetrachloride	ug/L	ND	5.0	
Chlorobenzene	ug/L	ND	5.0	
Chloroethane	ug/L	ND	10.0	
Chloroform	ug/L	ND	5.0	
Chloromethane	ug/L	ND	5.0	
cis-1,2-Dichloroethene	ug/L	ND	5.0	
cis-1,3-Dichloropropene	ug/L	ND	5.0	
Dibromochloromethane	ug/L	ND	5.0	
Dibromomethane	ug/L	ND	5.0	
Ethylbenzene	ug/L	ND	5.0	
Iodomethane	ug/L	ND	10.0	
m&p-Xylene	ug/L	ND	10.0	
Methylene Chloride	ug/L	ND	5.0	
o-Xylene	ug/L	ND	5.0	
Styrene	ug/L	ND	5.0	
Tetrachloroethene	ug/L	ND	5.0	
Toluene	ug/L	ND	5.0	
trans-1,2-Dichloroethene	ug/L	ND	5.0	
trans-1,3-Dichloropropene	ug/L	ND	5.0	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

METHOD BLANK: 95286

Associated Lab Samples: 9216326001, 9216326002, 9216326003, 9216326004

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	ND	5.0	
Trichloroethene	ug/L	ND	5.0	
Trichlorofluoromethane	ug/L	ND	10.0	
Vinyl acetate	ug/L	ND	10.0	
Vinyl chloride	ug/L	ND	5.0	
1,2-Dichloroethane-d4 (S)	%	97	79-120	
4-Bromofluorobenzene (S)	%	95	87-109	
Dibromofluoromethane (S)	%	100	85-115	
Toluene-d8 (S)	%	98	70-120	

LABORATORY CONTROL SAMPLE: 95287

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	58.0	116	83-125	
1,1,1-Trichloroethane	ug/L	50	56.5	113	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	53.2	106	73-127	
1,1,2-Trichloroethane	ug/L	50	55.1	110	77-123	
1,1-Dichloroethane	ug/L	50	54.8	110	76-129	
1,1-Dichloroethene	ug/L	50	63.2	126	78-146	
1,2,3-Trichloropropane	ug/L	50	53.7	107	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	52.9	106	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	55.0	110	81-125	
1,2-Dichlorobenzene	ug/L	50	56.5	113	82-126	
1,2-Dichloroethane	ug/L	50	55.0	110	72-126	
1,2-Dichloropropane	ug/L	50	56.7	113	80-127	
1,4-Dichlorobenzene	ug/L	50	54.7	109	79-125	
2-Butanone (MEK)	ug/L	100	107	107	50-134	
2-Hexanone	ug/L	100	113	113	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	109	109	70-131	
Acetone	ug/L	100	104	104	50-146	
Acrylonitrile	ug/L	250	264	106	66-124	
Benzene	ug/L	50	57.1	114	78-128	
Bromochloromethane	ug/L	50	53.9	108	73-124	
Bromodichloromethane	ug/L	50	60.1	120	81-125	
Bromoform	ug/L	50	63.0	126	71-125	L3
Bromomethane	ug/L	50	52.7	105	50-150	
Carbon disulfide	ug/L	50	63.9	128	54-150	
Carbon tetrachloride	ug/L	50	62.4	125	81-137	
Chlorobenzene	ug/L	50	57.9	116	82-126	
Chloroethane	ug/L	50	53.2	106	69-140	
Chloroform	ug/L	50	57.8	116	77-129	
Chloromethane	ug/L	50	45.5	91	54-139	
cis-1,2-Dichloroethene	ug/L	50	56.2	112	76-133	
cis-1,3-Dichloropropene	ug/L	50	59.4	119	76-127	
Dibromochloromethane	ug/L	50	59.8	120	77-125	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

LABORATORY CONTROL SAMPLE: 95287

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromomethane	ug/L	50	53.2	106	77-125	
Ethylbenzene	ug/L	50	57.3	115	80-127	
Iodomethane	ug/L	100	139	139	65-172	
m&p-Xylene	ug/L	100	113	113	82-127	
Methylene Chloride	ug/L	50	52.5	105	67-133	
o-Xylene	ug/L	50	55.9	112	83-124	
Styrene	ug/L	50	56.1	112	80-130	
Tetrachloroethene	ug/L	50	51.6	103	78-128	
Toluene	ug/L	50	58.7	117	76-126	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	78-134	
trans-1,3-Dichloropropene	ug/L	50	59.9	120	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	59.2	118	51-140	
Trichloroethene	ug/L	50	56.8	114	79-127	
Trichlorofluoromethane	ug/L	50	61.1	122	76-148	
Vinyl acetate	ug/L	100	118	118	50-150	
Vinyl chloride	ug/L	50	54.8	110	67-143	
1,2-Dichloroethane-d4 (S)	%			99	79-120	
4-Bromofluorobenzene (S)	%			100	87-109	
Dibromofluoromethane (S)	%			100	85-115	
Toluene-d8 (S)	%			100	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 95288 95289

Parameter	Units	9216326004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	75.8	73.0	152	146	60-150	4	M1
Benzene	ug/L	ND	50	50	59.6	61.6	119	123	74-136	3	
Chlorobenzene	ug/L	ND	50	50	57.5	60.1	115	120	79-135	4	
Toluene	ug/L	ND	50	50	58.2	59.2	116	118	73-131	2	
Trichloroethene	ug/L	ND	50	50	58.7	60.2	117	120	73-131	3	
1,2-Dichloroethane-d4 (S)	%						111	105	79-120		
4-Bromofluorobenzene (S)	%						98	97	87-109		
Dibromofluoromethane (S)	%						105	99	85-115		
Toluene-d8 (S)	%						100	99	70-120		

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

QC Batch: MPRP/2116 | Analysis Method: EPA 6010 GW North Carolina
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9216326006, 9216326007, 9216326008, 9216326009, 9216326010, 9216326011, 9216326012, 9216326013, 9216326014

METHOD BLANK: 95638

Associated Lab Samples: 9216326006, 9216326007, 9216326008, 9216326009, 9216326010, 9216326011, 9216326012, 9216326013, 9216326014

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	ug/L	ND	5.0	
Barium	ug/L	ND	5.0	
Cadmium	ug/L	ND	1.0	
Chromium	ug/L	ND	5.0	
Lead	ug/L	ND	5.0	
Selenium	ug/L	ND	10.0	
Silver	ug/L	ND	5.0	

LABORATORY CONTROL SAMPLE: 95639

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	543	109	80-120	
Barium	ug/L	500	502	100	80-120	
Cadmium	ug/L	500	543	109	80-120	
Chromium	ug/L	500	540	108	80-120	
Lead	ug/L	500	545	109	80-120	
Selenium	ug/L	500	536	107	80-120	
Silver	ug/L	250	266	106	80-120	

MATRIX SPIKE SAMPLE: 95640

Parameter	Units	9216008038 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	ND	500	552	110	75-125	
Barium	ug/L	ND	500	512	102	75-125	
Cadmium	ug/L	ND	500	554	111	75-125	
Chromium	ug/L	ND	500	551	110	75-125	
Lead	ug/L	ND	500	555	111	75-125	
Selenium	ug/L	ND	500	545	109	75-125	
Silver	ug/L	ND	250	271	108	75-125	

SAMPLE DUPLICATE: 95641

Parameter	Units	9216326006 Result	Dup Result	RPD	Qualifiers
Arsenic	ug/L	ND	ND	200	
Barium	ug/L	102	103	1	
Cadmium	ug/L	ND	ND	0	
Chromium	ug/L	0.79J	0.74J	7	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

SAMPLE DUPLICATE: 95641

Parameter	Units	9216326006 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	ND	ND	0	
Selenium	ug/L	ND	ND	0	
Silver	ug/L	0.93J	0.84J	10	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

QC Batch: MERP/1408 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 9216326001, 9216326002, 9216326003, 9216326004, 9216326005, 9216326006, 9216326007, 9216326008, 9216326009, 9216326010, 9216326011, 9216326012, 9216326013

METHOD BLANK: 96801
Associated Lab Samples: 9216326001, 9216326002, 9216326003, 9216326004, 9216326005, 9216326006, 9216326007, 9216326008, 9216326009, 9216326010, 9216326011, 9216326012, 9216326013

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

LABORATORY CONTROL SAMPLE: 96802

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.5	102	80-120	

MATRIX SPIKE SAMPLE: 96803

Parameter	Units	9216523001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	8.2	2.5	10	70	75-125	M1

SAMPLE DUPLICATE: 96804

Parameter	Units	9216452001 Result	Dup Result	RPD	Qualifiers
Mercury	ug/L	ND	ND	0	

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QUALITY CONTROL DATA

Project: OSR
Pace Project No.: 9215995

QC Batch: MERP/1409
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Associated Lab Samples: 9216326014

METHOD BLANK: 96805
Associated Lab Samples: 9216326014

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

LABORATORY CONTROL SAMPLE: 96806

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.8	111	80-120	

MATRIX SPIKE SAMPLE: 96807

Parameter	Units	9216326014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	2.5	2.6	104	75-125	

SAMPLE DUPLICATE: 96808

Parameter	Units	9216625002 Result	Dup Result	RPD	Qualifiers
Mercury	ug/L	ND	2.4	41	R1

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QUALIFIERS

Project: OSR
Pace Project No.: 9215995

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.

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LABORATORIES

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

ANALYTE QUALIFIERS

L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

1171416

Section A Required Client Information:

Company:	HDR
Address:	
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	
Copy To:	
Purchase Order No.:	
Project Name:	OSR
Project Number:	

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	B. Pathamma
Pace Profile #:	2120-5

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NC

Day 1

Section D Required Client Information

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	App IV voc	App IV metals	RAD (P)	Redox (P)	GW-FIELD	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	TRIP Blank	WT	–	—	—	3/24	–	–	2				2						X						92159950 01
2	Equip Blank	WT	–	—	—	3/24	09:30		4			1	3						X	X					002
3	MW-8	WT	–	—	—	3/24	10:10		4			1	3						X	X	X	X	X		003
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	J Qualtrem	3/24/08	18:00	J Moore	3/24/08 3/25 TM 3/25	1800	1.6	4	N	4

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: J. Qualtrem

SIGNATURE of SAMPLER: J Qualtrem — DATE Signed (MM/DD/YY): 3/24/2008

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

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1163797

Section A Required Client Information:

Company:	HDR
Address:	
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	
Copy To:	
Purchase Order No.:	
Project Name:	OSR LF
Project Number:	

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	B. Prathamma
Pace Profile #:	2588-5

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NC ~~9216326~~

Section D Required Client Information

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

Requested Analysis Filtered (Y/N): Day 2

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): App I VOC	App I metals	GW-Field	DO(F)	Redox(F)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 9215995
1	MW-3R	WT	–	—	—	3/28	1925	–	4			1	3					X	X	X	X	X		9216326 001
2	MW-7	WT	–	—	—	3/28	1840	–	4			1	3					X	X	X	X	X		002
3	MW-4R	WT	–	—	—	3/28	1750	–	4			1	3					X	X	X	X	X		003
4	MW-5R	WT	–	—	—	3/28	1700	–	4			1	3					X	X	X	X	X		004
5	MW-1R	WT	–	—	—	3/28	1620	–	4			1	3					X	X	X	X	X		005
6	MW-2R	WT	–	—	—	3/28	1530	–	4			1	3					X	X	X	X	X		006
7	MW-12	WT	–	—	—	3/28	1405	–	4			1	3					X	X	X	X	X		007
8	MW-11	WT	–	—	—	3/28	1330	–	4			1	3					X	X	X	X	X		008
9	MW-10	WT	–	—	—	3/28	1245	–	4			1	3					X	X	X	X	X		009
10	MW-14	WT	–	—	—	3/28	1220	–	4			1	3					X	X	X	X	X		010
11	MW-9	WT	–	—	—	3/28	1120	–	4			1	3					X	X	X	X	X		011
12	SW-1	WT	–	—	—	3/28	1030	–	4			1	3					X	X	X	X	X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	J. Quattlen	3/28	21:25	[signature]	03/28/08	1060	2.2	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: J. Quattlen

SIGNATURE of SAMPLER: J. Quattlen

DATE Signed (MM/DD/YY): 3/28/2008

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

1165803

Section A Required Client Information:

Company:	HDR
Address:	
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	
Copy To:	
Purchase Order No.:	
Project Name:	OSR LF
Project Number:	

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	B. Pathamma
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NC

~~9216326~~

Section D Required Client Information

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

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

Day 2

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	8021 VOC	8021 metals	GW-FIELD	DO (F)	Redox (F)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SW-2	WT	-	—	—	3/28	0940	-	4			13							X	X	X	X	X		9216326013
2	MW-13	WT	-	—	—	3/28	1445	-	4			13							X	X	X	X	X		014
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	J Quather	3/28	21:25	[signature]	03/29/08	1600	2.2	4	N	4

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: J. Quather

SIGNATURE of SAMPLER: J Quather

DATE Signed (MM/DD/YY): 3/28/2008

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

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

Day 1

Pace Analytical

Sample Condition Upon Receipt

Client Name: MDR Project # 92159995

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 1.6 Biological Tissue is Frozen: Yes No N/A

Date and Initials of person examining contents: MM 3/25

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:_____		
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: BAP Date: 3/25/08

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)

Day 2

Sample Condition Upon Receipt

Pace Analytical

Client Name: HDR Project # 9215995

Courier: ☒ ~~Fed Ex~~ 9674 0/2e ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other_____

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

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 2.2 Biological Tissue is Frozen: Yes No (N/A)

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 03/29/08 QKA

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

		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. Recieved 1 set of 40ml vials with HCl and one metal with HNO3 not on COC Date 3/28/08 Time 1445 sample ID# MW-13
-Includes date/time/ID/Analysis Matrix:_____		
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: DAS Date: 3/31/08

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)

9215995

PERIMETER GAS PROBE MONITORING

FIELD DATA FORM

Date: 3/24/08	Inspector: JRQ	Site Name: OSR C&D Landfill	Instrument: GEM-500

Temperature @ Start: 47 °F

Temperature @ End: 61 °F

Weather: sun & clouds mixed. slight chance of Rain shower. High 54 F. winds 10 to 15 mph

Barometric Pressure: 30.17 in Hg

Legend: T = Trace CO_2 = Carbon Dioxide
W = Water NA = No reading taken
LEL = Lower explosive limit

MM #	Methane: CH_4 (%)	Carbon Dioxide: CO_2 (%)	Oxygen: O_2 (%)	Remarks Bal %	HRS TIME
Scale-house	00.0	00.0	20.6	79.4 (Temp = 75°F)	09:19 HRS
1	00.0	00.0	20.8	79.2	11:49 HRS
2s	00.0	00.0	20.8	79.2	11:55
2d	00.0	00.0	20.8	79.2	11:59
3	00.0	00.0	20.7	79.3	12:07
4s	00.0	00.0	20.9	79.1	12:17
4d	00.0	00.0	20.9	79.1	12:19
5	00.0	00.0	20.8	79.2	12:26 HRS
6	00.0	03.9	17.5	78.6	12:34 HRS
7	00.0	00.0	20.6	79.4	12:51 HRS
8	00.0	00.0	20.6	79.4	09:40 HRS
9	00.0	00.0	20.6	79.4	11:24 HRS
10	00.0	00.0	20.7	79.3	11:30 HRS
11	00.0	00.0	20.7	79.3	11:36 HRS
12	00.0	00.0	20.6	79.4	11:43 HRS

MW-8

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING FIELD DATA SHEET 9215995-003

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-8 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 27 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 15.22 ft. Casing Volume: 1.9 gallons
Height of Water Col.: 11.78 ft. Cal. 3 Volumes: 5.7 gallons

Purge Information

Date Purged: 03/24/08 Time Start: 09:58 Finish: 10:06 Purge Rate: 400 ml/min
Purging Method: micropurge by QED Total Volume Purged: ≈ 0.8 gallons

Sampling Information

Date Sample Collected: 03/24/08 Time Sample Collected: 10:10 (am) pm
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCL	App IVOC
1-250ml	HNO3	App I METALS

Field Measurements/Observations

Sample Temp. (°C): 14.00 Time: 10:10
Sample pH (s.u.): 7.39 Time: 10:10
Specific Cond. (uS): 51 Time: 10:10
ReDox (mV): 50 Time: 10:10
Odor: NONE
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 6.44 Time: 10:10
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: Equip - Blank collected @ 03/24/08 0930 HRS
STORE # = 00 Dis = 5 sec refill = 10 sec
Weather Conditions: BP: 30.17 inHg. Sun & clouds mixed. Slight chance of rain. High 54F. WINDS 10 to 15 mph.
Sampler Signature: J Quattrin Date: 03/24/08

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (~~gals.~~ ml)	Other
10:00	7.41	52	55	—	6.66	13.98	800 ml	—
10:02	7.38	51	52	—	6.53	14.02	1600 ml	—
10:04	7.36	51	52	—	6.48	14.03	2400 ml	—
10:06	7.42	51	50	—	6.40	14.00	3200 ml	—

MW-3R

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

9216326-001

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-3R Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 27 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
★ Static Water Level: 22.71 ft. Casing Volume: 0.7 gallons
Height of Water Col.: 4.29 ft. Cal. 3 Volumes: 2.1 gallons

Purge Information

Date Purged: 03/28/08 Time Start: 18:57 Finish: 19:23 Purge Rate: 600 ml/min
Purging Method: micropurge by QED Total Volume Purged: ≈ 3.9 gallons

Sampling Information

Date Sample Collected: 03/28/08 Time Sample Collected: 19:25 am (pm)
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCL	App IVOC
1-250ml	HNO_3	App I metal

Field Measurements/Observations

Sample Temp. (°C): 14.41 Time: 19:25 Turbidity (ntu): — Time: —
Sample pH (s.u.): 6.08 Time: 19:25 Dis. Oxy. (mg/L): 3.08 Time: 19:25
Specific Cond. (uS): 258 Time: 19:25 Res. Cl (mg/L): — Time: —
ReDox (mV): -43 Time: 19:25 Other: — Time: —
Odor: NONE Appearance: clear
General Observations: ★ No water detected water must be below pump STORE # 88 D.T.= 5 sec Refill = 10 sec
Weather Conditions: BP = 29.94 in Hg Partly cloudy. High 78F. Winds SW @ 10 to 20 mph

Sampler Signature: J Quattrer Date: 03/28/2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed ml ~~(gals.)~~	Other
18:59	6.38	304	13	—	4.98	14.37	1200 ml/s	—
19:01	6.34	305	4	—	3.07	14.40	2400 ml/s	—
19:03	6.30	299	-12	—	2.89	14.42	3600 ml/s	—
19:05	6.26	296	-20	—	4.84	14.43	4800 ml/s	—
19:07	6.25	295	-24	—	6.07	14.45	6000 ml/s	—
19:09	6.20	292	-35	—	6.07	14.42	7200 ml/s	—
19:11	6.19	287	-41	—	2.65	14.43	8400 ml/s	—
19:13	6.17	281	-39	—	4.20	14.46	9600	—

MW-3R

Client:	HDR
Location:	Winston-Salem, NC
Project:	OSR (3-28-2008)
Well ID:	MW-3R

Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
19:15	6.15	274	-38	—	6.80	14.46	10800
19:17	6.13	268	-38	—	5.20	14.46	12000
19:19	6.12	264	-40	—	5.51	14.44	13200
19:21	6.10	264	-43	—	2.23	14.41	14400
19:23	6.09	259	-43	—	6.60	14.41	15600

MW-7

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

9216326-002

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-7 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 48 ft. Multi. Factor*: 0.163 {*(Radius/12)^2 X 3.14 x 7.48}
* Static Water Level: 40.60 ft. Casing Volume: 1.2 gallons
Height of Water Col.: 7.40 ft. Cal. 3 Volumes: 3.6 gallons

Purge Information

Date Purged: 03/28/08 Time Start: 18:12 Finish: 18:38 Purge Rate: 200ml/min
Purging Method: micropurge by QED Total Volume Purged: ≈ 1.3 gallons

Sampling Information

Date Sample Collected: 03/28/08 Time Sample Collected: 18:40 am (pm)
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCl	App IVOC
1-250ml	HNO3	App I metals

Field Measurements/Observations

Sample Temp. (°C): 15.59 Time: 18:40 Turbidity (ntu): — Time: —
Sample pH (s.u.): 5.84 Time: 18:40 Dis. Oxy. (mg/L): 3.04 Time: 18:40
Specific Cond. (uS): 141 Time: 18:40 Res. Cl (mg/L): — Time: —
ReDox (mV): 52 Time: 18:40 Other: — Time: —
Odor: NONE Appearance: clear
General Observations: * No water detected water level below pump
STORE # 79 Discharge = 5sec Refill = 10sec
Weather Conditions: BP = 29.94 inHg Partly cloudy. High 78F. Winds SW @, 10 to 20 mph

Sampler Signature: [signature] Date: 03/28/2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (~~gals.~~ mls)	Other
18:14	5.99	140	63	—	5.65	15.85	400 mls	—
18:16	5.93	142	62	—	4.54	15.58	800 mls	—
18:18	5.90	142	58	—	4.21	15.57	1200 mls	—
18:20	5.90	143	56	—	3.79	15.59	1600 mls	—
18:22	5.89	143	54	—	3.70	15.57	2000 mls	—
18:24	5.88	142	52	—	4.05	15.57	2400 mls	—
18:26	5.88	142	52	—	2.93	15.61	2800 mls	—
18:28	5.87	141	51	—	3.08	15.59	3200 mls	—

mw-7

Client:	HDR						
Location:	Winston-Salem, NC					(3-28-2008)	
Project:	OSR						
Well ID:	mw-7						
Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
18:30	5.87	141	50	—	2.45	15.55	3600
18:32	5.86	141	49	—	2.75	15.53	4000
18:34	5.86	140	51	—	2.98	15.59	4400
18:36	5.86	141	52	—	3.30	15.62	4800
18:38	5.84	141	52	—	2.98	15.62	5200

mw-4R

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING **FIELD DATA SHEET** 9216326-003

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: mw-4R Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 20.00 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 10.49 ft. Casing Volume: 1.6 gallons
Height of Water Col.: 9.51 ft. Cal. 3 Volumes: 4.8 gallons

Purge Information

Date Purged: 03/28/08 Time Start: 17:20 Finish: 17:46 Purge Rate: 800mls/min
Purging Method: micropurge by QED Total Volume Purged: 5.2 gallons

Sampling Information

Date Sample Collected: 03/28/08 Time Sample Collected: 17:50 am (pm)
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3 - 40ml VOA	HCl	App I VOC
1 - 250ml	HNO3	App I metals

Field Measurements/Observations

Sample Temp. (°C): 11.87 Time: 17:50
Sample pH (s.u.): 6.75 Time: 17:50
Specific Cond. (uS): 254 Time: 17:50
ReDox (mV): 24 Time: 17:50
Odor: NONE
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 3.69 Time: 17:50
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: Clear
General Observations: Refill = 10 sec DB = 5 sec
STORE # 70
Weather Conditions: BP = 29.94 in Hg. Partly cloudy. High 78F. WINDS SW at 10 to 20 mph

Sampler Signature: J Quattrer Date: 03/28/2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (~~gals.~~ ml)	Other
17:22	6.96	71	62	—	7.82	12.04	1600 mls	—
17:24	7.04	84	61	—	7.63	11.92	3200 mls	—
17:26	7.04	107	58	—	7.05	11.91	4800 mls	—
17:28	7.01	143	54	—	6.63	11.91	6400 mls	—
17:30	7.05	162	51	—	4.75	11.85	8000 mls	—
17:32	7.01	186	47	—	4.49	11.86	9600	—
17:34	6.93	198	44	—	4.27	11.89	11200	—
17:36	6.92	212	40	—	4.59	11.86	12800	—

MW-4R

Client:	HDR						
Location:	Winston-Salem, NC						
Project:	OSR					(3-28-2008)	
Well ID:	MW-4R						
Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
17:38	6.87	224	37	—	4.37	11.85	14400
17:40	6.87	229	34	—	3.96	11.86	16000
17:42	6.81	239	31	—	3.75	11.86	17600
17:44	6.79	247	28	—	3.72	11.88	19200
17:46	6.75	251	25	—	3.67	11.85	20800

MW-5R

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING **FIELD DATA SHEET** 92160326-004

Client: HDR Location: WINSTON-SALEM, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-5R Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 30 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 11.13 ft. Casing Volume: 3.1 gallons
Height of Water Col.: 18.87 ft. Cal. 3 Volumes: 9.3 gallons

Purge Information

Date Purged: 03/28/08 Time Start: 16:44 Finish: 16:54 Purge Rate: 400ml/min
Purging Method: micropurge by QED Total Volume Purged: ≈ 1.0 gallons

Sampling Information

Date Sample Collected: 03/28/08 Time Sample Collected: 1700 am (pm)
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3-40 ml VOA	HCl	App I VOC
1-250 ml	HNO_3	App I metal

Field Measurements/Observations

Sample Temp. (°C): 14.15 Time: 17:00
Sample pH (s.u.): 6.56 Time: 17:00
Specific Cond. (uS): 172 Time: 17:00
ReDox (mV): 33 Time: 17:00
Odor: NONE
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 6.77 Time: 17:00
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: DIS = 5sec Refill = 10sec
STORE #64
Weather Conditions: BP = 29.94 in Hg. Partly cloudy, High 78F. WINDS SW @ 10 to 20 mph

Sampler Signature: J Quattrin Date: 03/28/2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed ~~(gals.)~~ ml's	Other
16:46	6.80	172	48	—	7.24	14.27	800 ml's	—
16:48	6.82	172	41	—	7.04	14.33	1600 ml's	—
16:50	6.75	172	34	—	6.96	14.33	2400 ml's	—
16:52	6.71	172	35	—	6.82	14.40	3200 ml's	—
16:54	6.58	171	34	—	6.78	14.48	4000 ml's	—

MW-1R

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

9216326-005

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-1R Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: ~~38.28~~ 60 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 38.28 ft. Casing Volume: 3.5 gallons
Height of Water Col.: 21.72 ft. Cal. 3 Volumes: 10.5 gallons

Purge Information

Date Purged: 03/28/08 Time Start: 15:59 Finish: 16:17 Purge Rate: 300 ml/min
Purging Method: micropurge by QED Total Volume Purged: ≈ 1.3 gallons

Sampling Information

Date Sample Collected: 03/28/08 Time Sample Collected: 16:20 am (pm)
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCl	App IVOC
1-250ml	HNO_3	App I metals

Field Measurements/Observations

Sample Temp. (°C): 16.62 Time: 16:20
Sample pH (s.u.): 6.04 Time: 16:20
Specific Cond. (uS): 91 Time: 16:20
ReDox (mV): 56 Time: 16:20
Odor: NONE
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 4.61 Time: 16:20
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: DB = 5 sec Refill = 10 sec
STOKE # 57
Weather Conditions: BP = 29.94 inHg. Partly cloudy. High 78F. Winds SW @ 10 to 20 mph

Sampler Signature: [signature] Date: 03/28/2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (~~gals.~~ mls)	Other
16:01	6.24	91	54	—	8.65	16.88	600 mls	—
16:03	6.18	91	50	—	8.44	16.87	1200 mls	—
16:05	6.16	91	50	—	8.18	16.89	1800 mls	—
16:07	6.06	91	52	—	5.29	16.74	2400 mls	—
16:09	6.05	92	52	—	5.01	16.72	3000 mls	—
16:11	6.04	91	53	—	4.88	16.74	3600 mls	—
16:13	6.04	91	54	—	4.79	16.72	4200 mls	—
16:15	6.02	91	55	—	4.71	16.73	4800 mls	—

MW-1R

Client:	HDR						
Location:	Winston-Salem, NC						
Project:	OSR				(3-28-2008)		
Well ID:	MW-1R						
Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
16:17	6.02	92	55	—	4.67	16.59	5200

MW-2R

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

9216326-006

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-2R Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 21.00 ft. Multi. Factor*: 0.163 {*(Radius/12)^2 X 3.14 x 7.48}
Static Water Level: 8.83 ft. Casing Volume: 2.0 gallons
Height of Water Col.: 12.17 ft. Cal. 3 Volumes: 6.0 gallons

Purge Information

Date Purged: 03/28/08 Time Start: 15:10 Finish: 15:28 Purge Rate: 300 ml/min
Purging Method: micropurge by QED Total Volume Purged: ≈ 1.4 gallons

Sampling Information

Date Sample Collected: 03/28/08 Time Sample Collected: 15:30 am (pm)
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCl	App IVOC
1-250ml	HNO_3	App I metals

Field Measurements/Observations

Sample Temp. (°C): 16.47 Time: 15:30
Sample pH (s.u.): 6.14 Time: 15:30
Specific Cond. (uS): 234 Time: 15:30
ReDox (mV): 29 Time: 15:30
Odor: NONE
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 1.46 Time: 15:30
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: D/B = 5sec Refill = 10sec
STORE # 50
Weather Conditions: BP= 29.94 in Hg. Partly cloudy. High 78F. Winds SW @ 10 to 20 mph

Sampler Signature: J Quattrone Date: 03/28/08

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume ml's Removed (~~gals.~~)	Other
15:12	7.05	236	49	—	2.37	13.22	600 ml's	—
15:14	6.99	237	36	—	1.41	13.08	1200 ml's	—
15:16	6.86	237	30	—	1.08	13.43	1800 ml's	—
15:18	6.72	237	27	—	1.14	14.31	2400 ml's	—
15:20	6.64	236	26	—	1.14	15.11	3000 ml's	—
15:22	6.44	234	27	—	1.35	15.69	3600 ml's	—
15:24	6.33	233	28	—	1.49	15.88	4200 ml's	—
15:26	6.25	233	29	—	1.56	16.23	4800 ml's	—

MW-2R

Client: HDR							
Location: Winston - Salem							
Project: OSR					3/28/08		
Well ID: MW-2R							
Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
15:28	6.16	234	29	—	1.46	16.44	5400
15:30							6000
15:32							6600

MW-12

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING **FIELD DATA SHEET** 9216326-007

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-12 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 15.58 ft ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 4.47 ft. Casing Volume: 1.8 gallons
Height of Water Col.: 11.11 ft. Cal. 3 Volumes: 5.4 gallons

Purge Information

Date Purged: 3/28/08 Time Start: 13:47 Finish: 14:03 Purge Rate: 600ml/min
Purging Method: micropurge by QED Total Volume Purged: ≈ 2.4 gallons

Sampling Information

Date Sample Collected: 3/28/08 Time Sample Collected: 14:05 am (pm)
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCl	8260 App I VOC
1-250ml	HNO3	App I metals

Field Measurements/Observations

Sample Temp. (°C): 12.86 Time: 14:05
Sample pH (s.u.): 7.22 Time: 14:05
Specific Cond. (uS): 99 Time: 14:05
ReDox (mV): 18 Time: 14:05
Odor: NONE
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 5.27 Time: 14:05
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear

General Observations: D/3 = 5sec Refill = 10sec
STORE # 37

Weather Conditions: BP = 29.94 in Hg. Partly cloudy. High 78F. WINDS SW @ 10 to 20mph

Sampler Signature: J Quattrone Date: 03/28/2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed ~~(gals.)~~ mL	Other
1349	7.21	95	29	—	7.08	12.88	1200 mls	—
1351	7.07	95	26	—	6.60	12.88	2400 mls	—
1353	7.03	97	26	—	5.50	12.99	3600 mls	—
1355	7.00	97	27	—	5.54	12.87	4800 mls	—
1357	7.11	98	27	—	5.30	12.85	6000 mls	—
1359	7.19	98	23	—	5.24	12.93	7200 mls	—
1401	7.22	99	19		5.28	12.85	8400 mls	—
1403							9600 mls	—

MW-11

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING **FIELD DATA SHEET** 92163260-008

Client: HDR Location: Winston-Salem NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JOD - PACE
Name & Affiliation (Inspector): N/A

Well Information
Well ID: MW-1 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 20.00 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 4.08 ft. Casing Volume: 2.6 gallons
Height of Water Col.: 15.92 ft. Cal. 3 Volumes: 7.8 gallons

Purge Information
Date Purged: 3/28/08 Time Start: 13:05 Finish: 13:27 Purge Rate: 480 ml/min
Purging Method: micropurge by QED Total Volume Purged: ≈ 2.6 gallons

Sampling Information
Date Sample Collected: 3/28/08 Time Sample Collected: 13:30 am (pm)
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCL	App IV VOC
1-250ml	HNO3	App IV metals

Field Measurements/Observations
Sample Temp. (°C): 13.95 Time: 13:30
Sample pH (s.u.): 7.12 Time: 13:30
Specific Cond. (uS): 125 Time: 13:30
ReDox (mV): -172 Time: 13:30
Odor: NONE
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 0.33 Time: 13:30
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: HAZY
General Observations: D.3 - 5 oz Refill = 10 oz
STORE # 29
Weather Conditions: BP = 29.94 inHg, Partly cloudy, High 78F, Winds SW at 10 to 20 mph

Sampler Signature: [signature] Date: 03/28/2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (gals.)	Other
1307	7.37	124	-131	—	8.16	13.83	960 mls	—
1309	7.41	124	-146	—	7.50	13.78	1920 mls	—
1311	7.41	124	-153	—	6.54	13.82	2880 mls	—
1313	7.38	124	-159	—	5.26	13.88	3840 mls	—
1315	7.37	124	-162	—	4.44	13.91	4800 mls	—
1317	7.36	124	-167	—	2.78	13.88	5760 mls	—
1319	7.32	124	-169	—	1.99	13.84	6720 mls	—
1321	7.18	125	-171	—	1.59	13.93	7680 mls	—

MW-11

Client:	HDR						
Location:	Winston-Salem, NC						
Project:	OSR				(3-28-2008)		
Well ID:	MW-11						
Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
13:23	7.18	124	-171	—	0.41	13.93	8640
13:25	7.16	125	-173	—	0.39	13.97	9600
13:27	7.11	125	-173	—	0.36	13.92	10560

MW-10

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

9216326-009

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-10 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 21.0 ft. Multi. Factor*: 0.163 {*(Radius/12)^2 X 3.14 x 7.48}
Static Water Level: 11.77 ft. Casing Volume: 1.5 gallons
Height of Water Col.: 9.23 ft. Cal. 3 Volumes: 4.5 gallons

Purge Information

Date Purged: 03/28/08 Time Start: 12:34 Finish: 12:42 Purge Rate: 480 ml/min
Purging Method: micropurge by QED Total Volume Purged: ≈ 1.0 gallons

Sampling Information

Date Sample Collected: 03/28/08 Time Sample Collected: 12:45 am (pm)
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCl	App I VOC
1-250ml	HNO3	App I metals

Field Measurements/Observations

Sample Temp. (°C): 14.52 Time: 12:45
Sample pH (s.u.): 6.81 Time: 12:45
Specific Cond. (uS): 36 Time: 12:45
ReDox (mV): 123 Time: 12:45
Odor: ~~123~~ NONE
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 7.08 Time: 12:45
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: Refill = 10sec Dis. = 5sec
STORE # 24
Weather Conditions: BP = 29.94 in Hg Partly cloudy, High 78F. Winds SW @ 10 to 20mph

Sampler Signature: [signature] Date: 03/28/2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed ~~(gals.)~~ mL	Other
12:36	6.88	35	123	—	7.34	14.68	960 ml	—
12:38	6.92	35	122	—	7.20	14.56	1920 ml	—
12:40	6.92	36	122	—	7.13	14.55	2880 ml	—
12:42	6.84	36	123	—	7.10	14.53	3840 ml	—

MW-14

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING **FIELD DATA SHEET** 9216326-010

Client: HDR Location: Winston-Salem-NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ-PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-14 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 60.0 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 51.11 ft. Casing Volume: 1.4 gallons
Height of Water Col.: 8.89 ft. Cal. 3 Volumes: 4.2 gallons

Purge Information

Date Purged: 3/28/08 Time Start: 11:55 Finish: 12:13 Purge Rate: 200mls/min
Purging Method: micropurge by QED Total Volume Purged: 0.9 gallons

Sampling Information

Date Sample Collected: 3/28/08 Time Sample Collected: 1220 am (pm)
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCL	App IVOC
1-250ml	HNO3	App I metals

Field Measurements/Observations

Sample Temp. (°C): 16.47 Time: 12:20
Sample pH (s.u.): 5.82 Time: 12:20
Specific Cond. (uS): 136 Time: 12:20
ReDox (mV): 124 Time: 12:20
Odor: NONE
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 6.69 Time: 12:20
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: ~~Metal~~ HAZY
General Observations: D.I change = 5ml Refill = 10ml
STORE # 17
Weather Conditions: BP=29.94 in Hg. Partly cloudy. High 78F. Winds SW @ 10 to 20mph
Sampler Signature: [signature] Date: 03/28/2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (~~gals.~~ ml)	Other
11:57	3.37	138	128	—	7.32	16.61	400mls	—
11:59	4.36	137	132	—	7.11	16.48	800mls	—
12:01	4.82	137	134	—	7.19	16.40	1200mls	—
12:03	5.24	138	133	—	7.04	16.38	1600mls	—
12:05	5.50	137	132	—	7.20	16.29	2000mls	—
12:07	5.56	137	131	—	6.89	16.29	2400mls	—
12:09	5.65	136	129	—	6.78	16.40	2800mls	—
12:11	5.74	136	127	—	6.72	16.46	3200mls	—

mw-14

Client:	HDR						
Location:	winston-salem, NC						
Project:	OSR				(03-28-08)		
Well ID:	mw-14						
Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
12:13	5.74	136	125	—	6.71	16.42	3600

Pace Analytical

out of CO_2 unable to collect sample SEE 3/28/08 mw-9 DATA sheet

Disregard

mw-9

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR

Name & Affiliation (Sampler(s)): JJQ - PACE

Name & Affiliation (Inspector): N/A

Well Information

Well ID: mw-9 Well Locked: (yes) no

Well Diameter: 2" Construction: (PVC) Steel Stainless Steel

Total Well Depth: 60.0 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}

Static Water Level: 51.40 ft. Casing Volume: 1.4 gallons

Height of Water Col.: 8.60 ft. Cal. 3 Volumes: 4.2 gallons

Purge Information

Date Purged: 03/24/08 Time Start: 10:43 Finish: 10:57 Purge Rate: 400ml/min

Purging Method: micropurge by QED Total Volume Purged: ≈1.4 gallons

Sampling Information

Date Sample Collected: ___/___/___ Time Sample Collected: Disregard am pm

Sampling Equipment Used:

Bottle Type	Preservation	Analysis Required
SEE 3/28/08 mw-9 DATA sheet		

out of CO_2 unable to collect sample

Field Measurements/Observations

Sample Temp. (°C): 14.74 Time:

Sample pH (s.u.): 6.79 ~~12~~ Time:

Specific Cond. (uS): 123 Time:

ReDox (mV): 44 Time:

Odor: NONE

Turbidity (ntu): — Time: —

Dis. Oxy. (mg/L): 6.11 Time: —

Res. Cl (mg/L): — Time: —

Other: — Time: —

Appearance: clear

General Observations: store # 05 Refill = 10 sec ; Dis = 5 sec

Weather Conditions:

Sampler Signature: J Quattrin Date: 03/24/08

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (~~gals~~) DR	Other
10:45	7.03	125	59	—	6.98	14.78	800 ml's	—
10:47	6.95	122	49	—	6.21	14.90	1600 ml's	—
10:49	6.93	122	47	—	6.15	14.95	2400 ml's	—
10:51	6.91	122	45	—	6.41	14.89	3200 ml's	—
10:53	6.86	122	44	—	6.12	14.89	4000 ml's	—
10:55	6.81	122	44	—	6.09	14.80	4800 ml's	—
10:57	6.79	123	44	—	6.11	14.77	5600 ml's	—

MW-9

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

GROUNDWATER SAMPLING **FIELD DATA SHEET** 9216326011

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-9 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 60.0 ft. Multi. Factor*: 0.163 {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: 51.33 ft. Casing Volume: 1.4 gallons
Height of Water Col.: 8.67 ft. Cal. 3 Volumes: 4.2 gallons

Purge Information

Date Purged: 3 / 28 / 08 Time Start: 11:07 Finish: 11:17 Purge Rate: 80 mls/min
Purging Method: micropurge by QED Total Volume Purged: ≈ 0.2 gallons

Sampling Information

Date Sample Collected: 3 / 28 / 08 Time Sample Collected: 11:20 (am) pm
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCl	App I VOC
1-250ml	HNO3	App I metals

Field Measurements/Observations

Sample Temp. (°C): 17.08 Time: 11:20
Sample pH (s.u.): 5.66 Time: 11:20
Specific Cond. (uS): 123 Time: 11:20
ReDox (mV): 191 Time: 11:20
Odor: NONE
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 7.80 Time: 11:20
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: Refill = 10 sec DIB = 5 sec
STORE # 11
Weather Conditions:

Sampler Signature: [signature] Date: 03 / 28 / 2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (~~gals.~~ mls)	Other
11:09	6.02	124	225	—	8.63	17.08	160 mls	—
11:11	5.83	124	216	—	8.17	17.08	320 mls	—
11:13	5.70	122	204	—	7.93	17.26	480 mls	—
11:15	5.67	123	198	—	7.98	17.44	640 mls	—
11:17	5.65	123	192	—	7.82	17.67	800 mls	—

SW-1

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

92160326-012

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: SW-1 Well Locked: yes no
Well Diameter: _____ Construction: PVC Steel Stainless Steel
Total Well Depth: _____ ft. Multi. Factor*: _____ {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: _____ ft. Casing Volume: _____ gallons
Height of Water Col.: _____ ft. Cal. 3 Volumes: _____ gallons

Purge Information

Date Purged: ___/___/___ Time Start: _____ Finish: _____ Purge Rate: _____
Purging Method: _____ Total Volume Purged: _____ gallons

Sampling Information

Date Sample Collected: 03 / 28 / 08 Time Sample Collected: 10:30 (am) pm
Sampling Equipment Used: grab

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCL	App IVOC
1-250ml	HNO3	App E metal

Field Measurements/Observations

Sample Temp. (°C): 14.74 Time: 10:30
Sample pH (s.u.): 7.69 Time: 10:30
Specific Cond. (uS): 194 Time: 10:30
ReDox (mV): 197 Time: 10:30
Odor: None
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 7.50 Time: 10:30
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: —

Weather Conditions: BP = 29.94 in Hg. Partly cloudy. High 78F. Winds SW @ 10 to 20 mph

Sampler Signature: J Quathen Date: 03 / 28 / 2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (gals.)	Other

SW-2

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

9216326-013

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s)): JQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: SW-2 Well Locked: yes no
Well Diameter: _____ Construction: PVC Steel Stainless Steel
Total Well Depth: _____ ft. Multi. Factor*: _____ {*(Radius/12)² X 3.14 x 7.48}
Static Water Level: _____ ft. Casing Volume: _____ gallons
Height of Water Col.: _____ ft. Cal. 3 Volumes: _____ gallons

Purge Information

Date Purged: ___/___/___ Time Start: _____ Finish: _____ Purge Rate: _____
Purging Method: _____ Total Volume Purged: _____ gallons

Sampling Information

Date Sample Collected: 3 / 28 / 08 Time Sample Collected: 09:40 (am) pm
Sampling Equipment Used: grab

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCl	AppI VOC
1-250ml	HNO_3	AppI metal

Field Measurements/Observations

Sample Temp. (°C): 13.50 Time: 09:40
Sample pH (s.u.): 8.54 Time: 09:40
Specific Cond. (uS): 122 Time: 09:40
ReDox (mV): 195 Time: 09:40
Odor: NONE
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 7.28 Time: 09:40
Res. Cl (mg/L): — Time: —
Other: — Time: —
Appearance: clear
General Observations: —

Weather Conditions: BP: 29.94 in Hg Partly cloudy. High 78F. Winds SW @ 10 to 20 mph

Sampler Signature: J. Quattrini Date: 03 / 28 / 2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (gals.)	Other

MW-13

Pace Analytical

Well Diameter (in.)	Multiplication Factor*
1	0.0408
1.5	0.0918
1.625	0.1080
2	0.1630
3	0.3670
4	0.6530
6	1.4680
8	2.6100

92216326-014

GROUNDWATER SAMPLING **FIELD DATA SHEET**

Client: HDR Location: Winston-Salem, NC Project Name/#: OSR
Name & Affiliation (Sampler(s): JJQ - PACE
Name & Affiliation (Inspector): N/A

Well Information

Well ID: MW-13 Well Locked: (yes) no
Well Diameter: 2" Construction: (PVC) Steel Stainless Steel
Total Well Depth: 20.00 ft. Multi. Factor*: 0.163 {*(Radius/12)^2 X 3.14 x 7.48}
Static Water Level: 8.78 ft. Casing Volume: 1.8 gallons
Height of Water Col.: 11.22 ft. Cal. 3 Volumes: 5.4 gallons

Purge Information

Date Purged: 03/28/08 Time Start: 14:~~23~~ 24 Finish: 14:42 Purge Rate: 400 mls/min
Purging Method: micropurge by QED Total Volume Purged: ≈ 1.8 gallons

Sampling Information

Date Sample Collected: 03/28/08 Time Sample Collected: 14:45 am (pm)
Sampling Equipment Used: micropurge by QED

Bottle Type	Preservation	Analysis Required
3-40ml VOA	HCl	App IV VOC
1-250ml	HNO3	App IV metals

Field Measurements/Observations

Sample Temp. (°C): 15.63 Time: 14:45
Sample pH (s.u.): 6.45 Time: 14:45
Specific Cond. (uS): 72 Time: 14:45
ReDox (mV): 74 Time: 14:45
Odor: NONE
Turbidity (ntu): — Time: —
Dis. Oxy. (mg/L): 5.85 Time: 14:45
Res. Cl (mg/L): — Time: —
Other: Time:
Appearance: clear
General Observations: DI3 = 5 oz Refill = 10 oz
STORE #43
Weather Conditions: BP = 29.94 in Hg. Partly cloudy. High 78F. Winds SW @ 10 to 20 mph

Sampler Signature: J Qualtrin Date: 03/28/2008

Stabilization Test

Time Purged	pH (s.u.)	Spec. Cond. (uS)	Redox. (mV)	Turbidity (ntu)	Dissolved Oxy. (mg/L)	Temp. (°C)	Volume Removed (~~gals.~~) mls	Other
1426	6.84	74	58	—	5.97	13.44	800 mls	—
1428	6.94	74	55	—	6.09	13.34	1600 mls	—
1430	7.07	73	56	—	6.05	13.35	2400 mls	—
1432	7.02	73	58	—	5.97	13.52	3200 mls	—
1434	6.83	73	62	—	5.80	13.79	4000 mls	—
1436	6.70	73	64	—	5.83	14.49	4800 mls	—
1438	6.55	73	67	—	5.77	15.20	5600 mls	—
1440	6.48	72	69	—	5.77	15.52	6400 mls	—

mw-13

Client:	HDR						
Location:	Winston-Salem, NC						
Project:	OSR					3/28/08	
Well ID:	mw-13						
Time purged	pH (su)	Spec. Cond.(uS)	Redox (mv)	Turb.(ntu)	Dis. Oxy.(mg/l)	Temp.(C)	Vol. (ml) Removed
1442	6.42	72	73	—	5.87	15.62	7000
1444							