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).
- 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):

Joyce Engineering, Inc.

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

Name: Jeremey J. Kerly Phone: (336) 323-0092

E-mail: jkerly@joyceengineering.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Coble's Sandrock, Inc. C&D Landfill	5833 Foster Store Road Liberty, NC 27298	01-05	.0500	April 19, 2007

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 or explosive methane gas limits 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.

Jeremey Kerly — Facility Representative Name (Print)
Staff Consultant — Title
(336) 323-0092 — (Area Code) Telephone Number

Signature
7-13-07 — Date

Affix NC Licensed/Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 2007 GEOLOGIST JEREMEY JOHN KERLY

Revised 10/2006

ENGINEERING, INC.

Waste Industry Experts

Joyce Engineering, Inc
2211 W. Meadowview Road
Suite 101
Greensboro, NC 27407

tel: **336/323-0092**
fax: **336/323-0093**

www.JoyceEngineering.com

July 13, 2007

Mr. Ethan Brown
Division of Waste Management
Solid Waste Section
1647 Mail Service Center
Raleigh, NC 27699-1646

RE: Coble's Sandrock C&D Landfill
Permit No. 01-05
First Semiannual Groundwater Monitoring Report of 2007
JEI Project No. 419.00, Task 28

Dear Ethan,

Enclosed is a report of the laboratory analytical results for the water quality monitoring that was conducted in April 2007 at the Coble's Sandrock C&D Landfill. In accordance with the revised Groundwater Monitoring Plan, approved May 20, 2003, monitoring wells MW-1, -2, -4, -6 and -7 and surface water points SW-1 and SW-2 were sampled on April 19, 2007. The samples were sent to Environmental Conservation Laboratories, Inc. and analyzed for the NC Appendix I list of volatile organic compounds and the eight RCRA metals.

A summary of the April 2007 detections for Coble's Sandrock is included as Table 1. A summary of historical detected constituents can be found in Table 2. There were no organic constituents detected above the laboratory detection limits during the first semiannual groundwater monitoring event of 2007. Arsenic was detected in MW-4 and SW-2 at estimated concentrations, but is considered blank qualified. Barium was detected at estimated concentrations in MW-1, -2, -4, -6, SW-1, and SW-2, while barium was also detected at a quantified concentration in MW-7. Chromium was detected in MW-2 at a quantified concentration and at an estimated concentration in MW-4. Selenium was detected in MW-6 and in the blank at estimated concentrations. However, selenium in MW-6 is considered to be blank qualified. No organic or inorganic constituents were detected at levels above the NC 2L Standards or EPA MCLs. A summary of recent groundwater elevations is included as Table 3. The laboratory data report, field information forms, a groundwater elevation contour map, and a compact disc containing the laboratory report for this event are also enclosed in this report.

The next semiannual monitoring event is scheduled to take place in October 2007. If you have any questions, please feel free to contact me or Michelle Brown at (336) 323-0092.

Sincerely,
JOYCE ENGINEERING, INC.

Jeremey J. Kerly, P.G.
Staff Consultant

Attachments:

Tables – Table 1 – April 2007 Detections
Table 2 – Summary of Historically Detected Constituents
Table 3 – Summary of Groundwater Elevations
Laboratory Data Report
Field Information Forms
Groundwater Elevation Contour Map – Drawing DH-1

Cc: Kent Coble - Coble's Sandrock C&D Landfill
File

Prepared for:

Coble's Sandrock
5833 Foster Store Road
Liberty, NC 27298

JEI Project Number 419.00, Task 28

FIRST SEMIANNUAL GROUNDWATER MONITORING REPORT OF 2007
COBLE'S SANDROCK WASTE MANAGEMENT FACILITY
ALAMANCE COUNTY, NORTH CAROLINA
PERMIT NUMBER 01-05

July 2007

Prepared by:

JOYCE ENGINEERING, INC.

2211 West Meadowview Road, Suite 101
Greensboro, North Carolina 27407
Phone: (336) 323-0092
Fax: (336) 323-0092

TABLES

Table 1
Coble's Sandrock C&D Landfill
Summary of April 2007 Detected Constituents

Constituent	DL	RL	Concentrations (µg/L)							
			MW-1	MW-2	MW-4	MW-6	MW-7	SW-1	SW-2	Blanks
Arsenic	2.0	10	ND	ND	2.0 B	ND	ND	ND	2.6 B	2.1 J
Barium	0.20	100	19.4 J	66.0 J	24.9 J	58.8 J	140	28.1 J	40.7 J	0.30 J
Chromium	2.0	10	ND	10.9	3.8 J	ND	ND	ND	ND	ND
Selenium	2.0	10	ND	ND	ND	2.3 B	ND	ND	ND	3.5 J

Notes:
1. ND = Non detected above laboratory detection limit.
2. - = Not analyzed
3. B = Blank qualified detections.
4. DL = Laboratory detection limit.
5. RL = Laboratory reporting limit (NC SWSL beginning in April 2007 to present).
6. J = Estimated value between the DL and the RL.
7. NC SWSL = North Carolina Solid Waste Section Limits.

TABLE 2
SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS
COBLE'S SANDROCK CONSTRUCTION AND DEMOLITION LANDFILL

PARAMETER (NC 2L Standard); {EPA MCL} in µg/L	Date	Concentrations (µg/L)											
		DL	RL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	SW-1	SW-2	Blanks
Arsenic	Apr-00	8	10	ND	ND	10 J	ND	-	-	-	ND	ND	ND
(50)	Nov-00	-	10	ND	ND	ND	ND	-	-	-	ND	ND	ND
{10}	Apr-01	-	10	ND	ND	ND	ND	-	-	-	ND	ND	ND
	Dec-01	-	10	ND	ND	ND	ND	-	-	-	ND	ND	ND
	Apr-02	-	10	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Nov-02	-	10	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Apr-03	-	10	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Nov-03	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-04	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-04	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-05	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-05	-	10	-	ND	-	ND	-	ND	ND	ND	-	ND
	Apr-06	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-06	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-07	2.0	10	ND	ND	-	2.0 B	-	ND	ND	ND	2.6 B	2.1 J
Barium	Apr-00	2	8	240	180	340	ND	-	-	-	ND	ND	ND
(2000)	Nov-00	-	500	ND	ND	ND	ND	-	-	-	ND	ND	ND
{2000}	Apr-01	-	500	ND	ND	ND	ND	-	-	-	ND	ND	ND
	Dec-01	-	500	ND	ND	ND	ND	-	-	-	ND	ND	ND
	Apr-02	-	500	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Nov-02	-	500	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Apr-03	-	500	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Nov-03	-	500	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-04	-	500	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-04	-	500	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-05	-	500	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-05	-	500	-	ND	-	ND	-	ND	ND	ND	-	ND
	Apr-06	-	500	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-06	-	500	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-07	0.20	100	19.4 J	66.0 J	-	24.9 J	-	58.8 J	140	28.1 J	40.7 J	0.30 J
Cadmium	Apr-00	1	4	2 J	2 J	4	ND	-	-	-	ND	ND	ND
(1.75)	Nov-00	-	1	2	ND	ND	ND	-	-	-	ND	ND	ND
{5}	Apr-01	-	1	ND	ND	ND	ND	-	-	-	ND	ND	ND
	Dec-01	-	1	3.5	1.0	ND	ND	-	-	-	1.4	ND	ND
	Apr-02	-	1	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Nov-02	-	1	1.3	ND	ND	1.2	1.0	-	-	ND	ND	ND
	Apr-03	-	1	2.0	1.4	1.9	1.7	2.6	-	-	1.2	1.2	ND
	Nov-03	-	1	3.2	1.1	-	1.4	-	ND	ND	ND	ND	ND
	Apr-04	-	1	ND	1.7	-	ND	-	1.8	ND	ND	ND	ND
	Oct-04	-	1	ND	ND	-	ND	-	1	ND	ND	ND	ND
	Apr-05	-	1	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-05	-	1	-	ND	-	ND	-	ND	ND	ND	-	ND
	Apr-06	-	1	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-06	-	1.00	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-07	0.50	1	ND	ND	-	ND	-	ND	ND	ND	ND	ND
Chromium	Apr-00	3	12	36	30	76	10 J	-	-	-	ND	ND	ND
(50)	Nov-00	-	10	15	ND	ND	ND	-	-	-	ND	ND	ND
{100}	Apr-01	-	10	ND	ND	ND	ND	-	-	-	ND	ND	ND
	Dec-01	-	10	31	10	ND	ND	-	-	-	ND	ND	ND
	Apr-02	-	10	ND	ND	ND	ND	ND	-	-	ND	310	45
	Nov-02	-	10	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Apr-03	-	10	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Nov-03	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-04	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-04	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-05	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-05	-	10	-	14	-	ND	-	ND	ND	ND	-	ND
	Apr-06	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-06	-	10.0	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-07	2.0	10	ND	10.9	-	3.8 J	-	ND	ND	ND	ND	ND
Lead	Apr-00	3	12	5 J	5 J	19	ND	-	-	-	ND	ND	ND
(15)	Nov-00	-	10	ND	ND	ND	ND	-	-	-	ND	ND	ND
{15}*	Apr-01	-	10	ND	ND	ND	ND	-	-	-	ND	ND	ND
	Dec-01	-	10	11	ND	ND	ND	-	-	-	ND	ND	ND
	Apr-02	-	10	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Nov-02	-	10	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Apr-03	-	10	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Nov-03	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-04	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-04	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-05	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-05	-	10	-	ND	-	ND	-	ND	ND	ND	-	ND
	Apr-06	-	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-06	-	10.0	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-07	2.0	10	ND	ND	-	ND	-	ND	ND	ND	ND	ND

TABLE 2
SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS
COBLE'S SANDROCK CONSTRUCTION AND DEMOLITION LANDFILL

PARAMETER (NC 2L Standard); {EPA MCL} in µg/L	Date	Concentrations (µg/L)											
		DL	RL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	SW-1	SW-2	Blanks
Selenium	Apr-00	4	16	ND	ND	13 J	ND	-	-	-	ND	ND	ND
(50)	Nov-00	-	20	ND	ND	ND	ND	-	-	-	ND	ND	ND
{50}	Apr-01	-	20	ND	ND	ND	ND	-	-	-	ND	ND	ND
	Dec-01	-	20	ND	ND	ND	ND	-	-	-	ND	ND	ND
	Apr-02	-	20	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Nov-02	-	20	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Apr-03	-	20	ND	ND	ND	ND	ND	-	-	ND	ND	ND
	Nov-03	-	20	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-04	-	20	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-04	-	20	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-05	-	20	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-05	-	20	-	ND	-	ND	-	ND	ND	ND	-	ND
	Apr-06	-	20	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Oct-06	-	20.0	ND	ND	-	ND	-	ND	ND	ND	ND	ND
	Apr-07	2.0	10	ND	ND	-	ND	-	2.3 B	ND	ND	ND	3.5 J

Notes:
1. All concentrations are in micrograms per liter (mg/L).
2. MW = Groundwater monitoring well.
3. SW = Surface water monitoring point.
4. RL = Laboratory reporting limit (NC SWSL beginning in April 2007 to present).
5. DL = Laboratory detection limit.
6. ND = Not detected above laboratory reporting limit April 2000 to October 2006, not detected above laboratory detection limit April 2007 to present.
7. J = Estimated value between the DL and the RL November 2000 to October 2006 and the DL and NC SWSL from April 2007 to present.
8. B = Blank qualified data.
9. NC 2L Standard = North Carolina's groundwater quality standard established under 15A NCAC 2L, .0202.
10. Shaded values are above the NC 2L Drinking Water Standards.
11. Bolded values are greater than the EPA's Maximum Contaminant Level.
12. * = Value is an EPA Action Level
13. # = Value is a secondary EPA MCL
14. Sampling of MW-3 and MW-5 was discontinued after the April 2003 event and replaced with MW-6 and MW-7 in response to a modification of the facility permit approved on May 20, 2003.
15. - = No data available/not reported.
16. NC SWSL = North Carolina Solid Waste Section limits.

TABLE 3
SUMMARY OF GROUNDWATER ELEVATIONS
COBLE'S SANDROCK CONSTRUCTION AND DEMOLITION LANDFILL

Location	MW-1	MW-2	MW-4	MW-6	MW-7
TOC Elevation	**602.46**	**582.31**	**582.64**	**652.56**	**583.33**
GW Elevation 04/20/00	569.59	569.81	569.07	N/A	N/I
GW Elevation 08/15/00	568.21	566.97	568.08	627.42	N/I
GW Elevation 10/15/00	569.30	568.55	568.81	N/A	N/I
GW Elevation 11/30/00	568.09	566.87	567.04	627.30	N/I
GW Elevation 04/10/01	571.48	569.72	569.06	627.17	N/I
GW Elevation 12/11/01	567.28	565.31	566.21	621.78	N/I
GW Elevation 04/30/02	568.17	567.84	568.21	623.94	N/I
GW Elevation 11/21/02	570.60	570.36	569.74	626.32	N/I
GW Elevation 04/29/03	571.66	569.18	568.84	633.40	574.38
GW Elevation 11/11/03	568.49	567.38	567.47	632.53	572.44
GW Elevation 04/20/04	568.54	568.44	567.83	630.13	573.63
GW Elevation 10/19/04	567.86	567.92	567.91	628.60	573.30
GW Elevation 04/19/05	568.90	568.69	568.16	630.65	574.54
GW-Elevation 10/20/05	567.16	565.52	566.43	625.65	571.24
GW-Elevation 04/27/06	567.84	569.36	569.34	624.46	572.77
GW-Elevation 10/11/06	567.91	567.22	568.29	624.45	571.77
GW-Elevation 04/19/07	570.33	570.04	569.38	629.42	574.94

Notes:

1. Water levels were measured to the nearest hundreth of a foot.
2. Water levels are measured from top of casing (TOC).
3. N/A = piezometer data were not available for sampling due to damaged casing.
4. N/I = not installed
5. Piezometer P-3 was converted to monitoring well MW-6 before the November 2003 sampling event.

LABORATORY REPORT AND FIELD DATA

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515

www.encolabs.com

Wednesday, May 2, 2007

Joyce Engineering (JO004)

Attn: Van Burbach

Boone Bldg. Suite 101, 2211 W. Meadowview Road

Greensboro, NC 27407

RE: Project Number: 419.28, Project Name/Desc: Coble's Sandrock
ENCO Workorder: C704917

Dear Van Burbach,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, April 20, 2007.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chuck Smith

Chuck Smith
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 36.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: 0105-MW1 **Lab ID:** C704917-01

Sampled: 04/19/07 12:30 **Received:** 04/20/07 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/16/07	04/23/07 09:00	4/25/2007 11:48
EPA 7470A	05/17/07	04/24/07 08:39	4/25/2007 11:13
EPA 8260B	05/03/07	04/27/07 13:09	4/28/2007 00:08

Client ID: 0105-MW2 MS/MSD **Lab ID:** C704917-02

Sampled: 04/19/07 12:45 **Received:** 04/20/07 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/16/07	04/23/07 09:00	4/25/2007 10:51
EPA 7470A	05/17/07	04/24/07 08:39	4/25/2007 10:37
EPA 8260B	05/03/07	04/27/07 13:09	4/27/2007 19:24

Client ID: 0105-MW4 **Lab ID:** C704917-03

Sampled: 04/19/07 13:00 **Received:** 04/20/07 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/16/07	04/23/07 09:00	4/25/2007 13:23
EPA 7470A	05/17/07	04/24/07 08:39	4/25/2007 11:15
EPA 8260B	05/03/07	04/27/07 13:09	4/28/2007 00:34

Client ID: 0105-MW6 **Lab ID:** C704917-04

Sampled: 04/19/07 14:05 **Received:** 04/20/07 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/16/07	04/23/07 09:00	4/25/2007 13:30
EPA 7470A	05/17/07	04/24/07 08:39	4/25/2007 11:18
EPA 8260B	05/03/07	04/27/07 13:09	4/28/2007 01:00

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Client ID: 0105-MW7 **Lab ID:** C704917-05

Sampled: 04/19/07 13:35 **Received:** 04/20/07 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/16/07	04/23/07 09:00	4/25/2007 13:37
EPA 7470A	05/17/07	04/24/07 08:39	4/25/2007 11:20
EPA 8260B	05/03/07	04/28/07 15:58	4/28/2007 19:43

Client ID: 0105-SW1 **Lab ID:** C704917-06

Sampled: 04/19/07 13:15 **Received:** 04/20/07 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/16/07	04/23/07 09:00	4/25/2007 13:44
EPA 7470A	05/17/07	04/24/07 08:39	4/25/2007 11:22
EPA 8260B	05/03/07	04/28/07 15:58	4/28/2007 20:09

Client ID: 0105-SW2 **Lab ID:** C704917-07

Sampled: 04/19/07 09:50 **Received:** 04/20/07 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/16/07	04/23/07 09:00	4/25/2007 13:51
EPA 7470A	05/17/07	04/24/07 08:39	4/25/2007 11:25
EPA 8260B	05/03/07	04/28/07 15:58	4/28/2007 20:35

Client ID: 0105-Field Blank **Lab ID:** C704917-08

Sampled: 04/19/07 14:20 **Received:** 04/20/07 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/16/07	04/23/07 09:00	4/25/2007 13:58
EPA 7470A	05/17/07	04/24/07 08:39	4/25/2007 11:27
EPA 8260B	05/03/07	04/27/07 13:09	4/27/2007 18:32

Client ID: 0105-Trip Blank **Lab ID:** C704917-09

Sampled: 04/19/07 00:00 **Received:** 04/20/07 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/03/07	04/27/07 13:09	4/27/2007 18:58

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NORTH CAROLINA SWS SAMPLE DETECTION SUMMARY

Client ID: 0105-MW1 — **Lab ID: C704917-01**

Analyte	Results/Qual	DF	MDL	MRL	NC SWSL	Units	Method
Barium	19.4 J	1	0.20	10.0	100	ug/L	EPA 6010B

Client ID: 0105-MW2 MS/MSD — **Lab ID: C704917-02**

Analyte	Results/Qual	DF	MDL	MRL	NC SWSL	Units	Method
Barium	66.0 J	1	0.20	10.0	100	ug/L	EPA 6010B
Chromium	10.9	1	2.0	10.0	10	ug/L	EPA 6010B

Client ID: 0105-MW4 — **Lab ID: C704917-03**

Analyte	Results/Qual	DF	MDL	MRL	NC SWSL	Units	Method
Arsenic	2.0 J	1	2.0	10.0	10	ug/L	EPA 6010B
Barium	24.9 J	1	0.20	10.0	100	ug/L	EPA 6010B
Chromium	3.8 J	1	2.0	10.0	10	ug/L	EPA 6010B

Client ID: 0105-MW6 — **Lab ID: C704917-04**

Analyte	Results/Qual	DF	MDL	MRL	NC SWSL	Units	Method
Barium	58.8 J	1	0.20	10.0	100	ug/L	EPA 6010B
Selenium	2.3 J	1	2.0	10.0	10	ug/L	EPA 6010B

Client ID: 0105-MW7 — **Lab ID: C704917-05**

Analyte	Results/Qual	DF	MDL	MRL	NC SWSL	Units	Method
Barium	140	1	0.20	10.0	100	ug/L	EPA 6010B

Client ID: 0105-SW1 — **Lab ID: C704917-06**

Analyte	Results/Qual	DF	MDL	MRL	NC SWSL	Units	Method
Barium	28.1 J	1	0.20	10.0	100	ug/L	EPA 6010B

Client ID: 0105-SW2 — **Lab ID: C704917-07**

Analyte	Results/Qual	DF	MDL	MRL	NC SWSL	Units	Method
Arsenic	2.6 J	1	2.0	10.0	10	ug/L	EPA 6010B
Barium	40.7 J	1	0.20	10.0	100	ug/L	EPA 6010B

Client ID: 0105-Field Blank — **Lab ID: C704917-08**

Analyte	Results/Qual	DF	MDL	MRL	NC SWSL	Units	Method
Barium	0.30 J	1	0.20	10.0	100	ug/L	EPA 6010B

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ANALYTICAL REPORT

Sample ID:	0105-MW1	Project:	Coble's Sandrock
Lab #:	C704917-01	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/28/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D27028		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.16 U	0.16	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.24 U	0.24	1.0	1	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.27 U	0.27	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.24 U	0.24	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.090 U	0.090	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.14 U	0.14	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.32 U	0.32	1.0	1	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.19 U	0.19	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.19 U	0.19	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.17 U	0.17	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.36 U	0.36	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.18 U	0.18	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.15 U	0.15	1.0	1	ug/L
2-Butanone	78-93-3	0.56 U	0.56	5.0	100	ug/L
2-Hexanone	591-78-6	0.24 U	0.24	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.36 U	0.36	5.0	100	ug/L
Acetone	67-64-1	0.90 U	0.90	5.0	100	ug/L
Acrylonitrile	107-13-1	2.0 U	2.0	5.0	200	ug/L
Benzene	71-43-2	0.12 U	0.12	1.0	1	ug/L
Bromochloromethane	74-97-5	0.19 U	0.19	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.19 U	0.19	0.40	1	ug/L
Bromoform	75-25-2	0.36 U	0.36	1.0	3	ug/L
Bromomethane	74-83-9	0.21 U	0.21	1.0	10	ug/L
Carbon disulfide	75-15-0	0.12 U	0.12	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.38 U	0.38	1.0	1	ug/L
Chlorobenzene	108-90-7	0.16 U	0.16	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.16 U	0.16	1.0	5	ug/L
Chloromethane	74-87-3	0.18 U	0.18	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.14 U	0.14	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.16 U	0.16	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.18 U	0.18	1.0	1	ug/L
Dibromomethane	74-95-3	0.14 U	0.14	1.0	10	ug/L
Ethylbenzene	100-41-4	0.17 U	0.17	1.0	1	ug/L
Iodomethane	74-88-4	0.23 U	0.23	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.21 U	0.21	2.0	NE	ug/L
Methylene chloride	75-09-2	0.088 U	0.088	2.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	0105-MW1	Project:	Coble's Sandrock
Lab #:	C704917-01	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/28/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D27028		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
o-Xylene	95-47-6	0.14 U	0.14	1.0	NE	ug/L
Styrene	100-42-5	0.12 U	0.12	1.0	1	ug/L
Tetrachloroethene	127-18-4	0.25 U	0.25	1.0	1	ug/L
Toluene	108-88-3	0.15 U	0.15	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.10 U	0.10	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.18 U	0.18	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.60 U	0.60	1.0	100	ug/L
Trichloroethene	79-01-6	0.23 U	0.23	1.0	1	ug/L
Trichlorofluoromethane	75-69-4	0.16 U	0.16	1.0	1	ug/L
Vinyl acetate	108-05-4	0.19 U	0.19	2.0	50	ug/L
Vinyl chloride	75-01-4	0.15 U	0.15	1.0	1	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	63 S-GC	50.0	126 %	67-125
Dibromofluoromethane	1868-53-7	44	50.0	87 %	69-111
Toluene-d8	2037-26-5	51	50.0	102 %	85-120

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ANALYTICAL REPORT

Sample ID: 0105-MW1
Lab #: C704917-01

Project: Coble's Sandrock
Work Order #: C704917
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Barium	7440-39-3	**19.4** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7D23010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7D23010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7D24011
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010

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ANALYTICAL REPORT

Sample ID:	0105-MW2 MS/MSD	Project:	Coble's Sandrock
Lab #:	C704917-02	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/27/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D27028		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.16 U	0.16	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.24 U	0.24	1.0	1	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.27 U	0.27	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.24 U	0.24	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.090 U	0.090	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.14 U	0.14	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.32 U	0.32	1.0	1	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.19 U	0.19	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.19 U	0.19	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.17 U	0.17	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.36 U	0.36	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.18 U	0.18	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.15 U	0.15	1.0	1	ug/L
2-Butanone	78-93-3	0.56 U	0.56	5.0	100	ug/L
2-Hexanone	591-78-6	0.24 U	0.24	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.36 U	0.36	5.0	100	ug/L
Acetone	67-64-1	0.90 U	0.90	5.0	100	ug/L
Acrylonitrile	107-13-1	2.0 U	2.0	5.0	200	ug/L
Benzene	71-43-2	0.12 U	0.12	1.0	1	ug/L
Bromochloromethane	74-97-5	0.19 U	0.19	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.19 U	0.19	0.40	1	ug/L
Bromoform	75-25-2	0.36 U	0.36	1.0	3	ug/L
Bromomethane	74-83-9	0.21 U	0.21	1.0	10	ug/L
Carbon disulfide	75-15-0	0.12 U	0.12	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.38 U	0.38	1.0	1	ug/L
Chlorobenzene	108-90-7	0.16 U	0.16	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.16 U	0.16	1.0	5	ug/L
Chloromethane	74-87-3	0.18 U	0.18	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.14 U	0.14	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.16 U	0.16	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.18 U	0.18	1.0	1	ug/L
Dibromomethane	74-95-3	0.14 U	0.14	1.0	10	ug/L
Ethylbenzene	100-41-4	0.17 U	0.17	1.0	1	ug/L
Iodomethane	74-88-4	0.23 U	0.23	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.21 U	0.21	2.0	NE	ug/L
Methylene chloride	75-09-2	0.088 U	0.088	2.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	0105-MW2 MS/MSD	Project:	Coble's Sandrock
Lab #:	C704917-02	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/27/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D27028		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
o-Xylene	95-47-6	0.14 U	0.14	1.0	NE	ug/L
Styrene	100-42-5	0.12 U	0.12	1.0	1	ug/L
Tetrachloroethene	127-18-4	0.25 U	0.25	1.0	1	ug/L
Toluene	108-88-3	0.15 U	0.15	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.10 U	0.10	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.18 U	0.18	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.60 U	0.60	1.0	100	ug/L
Trichloroethene	79-01-6	0.23 U	0.23	1.0	1	ug/L
Trichlorofluoromethane	75-69-4	0.16 U	0.16	1.0	1	ug/L
Vinyl acetate	108-05-4	0.19 U	0.19	2.0	50	ug/L
Vinyl chloride	75-01-4	0.15 U	0.15	1.0	1	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	64 S-GC	50.0	128 %	67-125
Dibromofluoromethane	1868-53-7	45	50.0	90 %	69-111
Toluene-d8	2037-26-5	54	50.0	109 %	85-120

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ANALYTICAL REPORT

Sample ID: 0105-MW2 MS/MSD
Lab #: C704917-02

Project: Coble's Sandrock
Work Order #: C704917
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Barium	7440-39-3	**66.0** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7D23010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7D23010
Chromium	7440-47-3	**10.9**	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7D24011
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010

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ANALYTICAL REPORT

Sample ID:	0105-MW4	Project:	Coble's Sandrock
Lab #:	C704917-03	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/28/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D27028		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.16 U	0.16	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.24 U	0.24	1.0	1	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.27 U	0.27	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.24 U	0.24	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.090 U	0.090	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.14 U	0.14	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.32 U	0.32	1.0	1	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.19 U	0.19	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.19 U	0.19	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.17 U	0.17	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.36 U	0.36	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.18 U	0.18	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.15 U	0.15	1.0	1	ug/L
2-Butanone	78-93-3	0.56 U	0.56	5.0	100	ug/L
2-Hexanone	591-78-6	0.24 U	0.24	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.36 U	0.36	5.0	100	ug/L
Acetone	67-64-1	0.90 U	0.90	5.0	100	ug/L
Acrylonitrile	107-13-1	2.0 U	2.0	5.0	200	ug/L
Benzene	71-43-2	0.12 U	0.12	1.0	1	ug/L
Bromochloromethane	74-97-5	0.19 U	0.19	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.19 U	0.19	0.40	1	ug/L
Bromoform	75-25-2	0.36 U	0.36	1.0	3	ug/L
Bromomethane	74-83-9	0.21 U	0.21	1.0	10	ug/L
Carbon disulfide	75-15-0	0.12 U	0.12	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.38 U	0.38	1.0	1	ug/L
Chlorobenzene	108-90-7	0.16 U	0.16	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.16 U	0.16	1.0	5	ug/L
Chloromethane	74-87-3	0.18 U	0.18	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.14 U	0.14	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.16 U	0.16	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.18 U	0.18	1.0	1	ug/L
Dibromomethane	74-95-3	0.14 U	0.14	1.0	10	ug/L
Ethylbenzene	100-41-4	0.17 U	0.17	1.0	1	ug/L
Iodomethane	74-88-4	0.23 U	0.23	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.21 U	0.21	2.0	NE	ug/L
Methylene chloride	75-09-2	0.088 U	0.088	2.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	0105-MW4	Project:	Coble's Sandrock
Lab #:	C704917-03	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/28/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D27028		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
o-Xylene	95-47-6	0.14 U	0.14	1.0	NE	ug/L
Styrene	100-42-5	0.12 U	0.12	1.0	1	ug/L
Tetrachloroethene	127-18-4	0.25 U	0.25	1.0	1	ug/L
Toluene	108-88-3	0.15 U	0.15	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.10 U	0.10	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.18 U	0.18	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.60 U	0.60	1.0	100	ug/L
Trichloroethene	79-01-6	0.23 U	0.23	1.0	1	ug/L
Trichlorofluoromethane	75-69-4	0.16 U	0.16	1.0	1	ug/L
Vinyl acetate	108-05-4	0.19 U	0.19	2.0	50	ug/L
Vinyl chloride	75-01-4	0.15 U	0.15	1.0	1	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	62	50.0	123 %	67-125
Dibromofluoromethane	1868-53-7	44	50.0	88 %	69-111
Toluene-d8	2037-26-5	52	50.0	104 %	85-120

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ANALYTICAL REPORT

Sample ID: 0105-MW4
Lab #: C704917-03

Project: Coble's Sandrock
Work Order #: C704917
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	**2.0** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Barium	7440-39-3	**24.9** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7D23010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7D23010
Chromium	7440-47-3	**3.8** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7D24011
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010

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ANALYTICAL REPORT

Sample ID:	0105-MW6	Project:	Coble's Sandrock
Lab #:	C704917-04	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/28/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D27028		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.16 U	0.16	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.24 U	0.24	1.0	1	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.27 U	0.27	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.24 U	0.24	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.090 U	0.090	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.14 U	0.14	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.32 U	0.32	1.0	1	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.19 U	0.19	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.19 U	0.19	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.17 U	0.17	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.36 U	0.36	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.18 U	0.18	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.15 U	0.15	1.0	1	ug/L
2-Butanone	78-93-3	0.56 U	0.56	5.0	100	ug/L
2-Hexanone	591-78-6	0.24 U	0.24	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.36 U	0.36	5.0	100	ug/L
Acetone	67-64-1	0.90 U	0.90	5.0	100	ug/L
Acrylonitrile	107-13-1	2.0 U	2.0	5.0	200	ug/L
Benzene	71-43-2	0.12 U	0.12	1.0	1	ug/L
Bromochloromethane	74-97-5	0.19 U	0.19	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.19 U	0.19	0.40	1	ug/L
Bromoform	75-25-2	0.36 U	0.36	1.0	3	ug/L
Bromomethane	74-83-9	0.21 U	0.21	1.0	10	ug/L
Carbon disulfide	75-15-0	0.12 U	0.12	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.38 U	0.38	1.0	1	ug/L
Chlorobenzene	108-90-7	0.16 U	0.16	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.16 U	0.16	1.0	5	ug/L
Chloromethane	74-87-3	0.18 U	0.18	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.14 U	0.14	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.16 U	0.16	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.18 U	0.18	1.0	1	ug/L
Dibromomethane	74-95-3	0.14 U	0.14	1.0	10	ug/L
Ethylbenzene	100-41-4	0.17 U	0.17	1.0	1	ug/L
Iodomethane	74-88-4	0.23 U	0.23	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.21 U	0.21	2.0	NE	ug/L
Methylene chloride	75-09-2	0.088 U	0.088	2.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	0105-MW6	Project:	Coble's Sandrock
Lab #:	C704917-04	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/28/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D27028		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
o-Xylene	95-47-6	0.14 U	0.14	1.0	NE	ug/L
Styrene	100-42-5	0.12 U	0.12	1.0	1	ug/L
Tetrachloroethene	127-18-4	0.25 U	0.25	1.0	1	ug/L
Toluene	108-88-3	0.15 U	0.15	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.10 U	0.10	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.18 U	0.18	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.60 U	0.60	1.0	100	ug/L
Trichloroethene	79-01-6	0.23 U	0.23	1.0	1	ug/L
Trichlorofluoromethane	75-69-4	0.16 U	0.16	1.0	1	ug/L
Vinyl acetate	108-05-4	0.19 U	0.19	2.0	50	ug/L
Vinyl chloride	75-01-4	0.15 U	0.15	1.0	1	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	66 S-GC	50.0	132 %	67-125
Dibromofluoromethane	1868-53-7	43	50.0	86 %	69-111
Toluene-d8	2037-26-5	53	50.0	106 %	85-120

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ANALYTICAL REPORT

Sample ID: 0105-MW6
Lab #: C704917-04

Project: Coble's Sandrock
Work Order #: C704917
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Barium	7440-39-3	**58.8** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7D23010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7D23010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7D24011
Selenium	7782-49-2	**2.3** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010

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ANALYTICAL REPORT

Sample ID:	0105-MW7	Project:	Coble's Sandrock
Lab #:	C704917-05	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/28/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D28010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.16 U	0.16	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.24 U	0.24	1.0	1	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.27 U	0.27	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.24 U	0.24	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.090 U	0.090	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.14 U	0.14	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.32 U	0.32	1.0	1	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.19 U	0.19	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.19 U	0.19	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.17 U	0.17	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.36 U	0.36	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.18 U	0.18	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.15 U	0.15	1.0	1	ug/L
2-Butanone	78-93-3	0.56 U	0.56	5.0	100	ug/L
2-Hexanone	591-78-6	0.24 U	0.24	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.36 U	0.36	5.0	100	ug/L
Acetone	67-64-1	0.90 U	0.90	5.0	100	ug/L
Acrylonitrile	107-13-1	2.0 U	2.0	5.0	200	ug/L
Benzene	71-43-2	0.12 U	0.12	1.0	1	ug/L
Bromochloromethane	74-97-5	0.19 U	0.19	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.19 U	0.19	0.40	1	ug/L
Bromoform	75-25-2	0.36 U	0.36	1.0	3	ug/L
Bromomethane	74-83-9	0.21 U	0.21	1.0	10	ug/L
Carbon disulfide	75-15-0	0.12 U	0.12	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.38 U	0.38	1.0	1	ug/L
Chlorobenzene	108-90-7	0.16 U	0.16	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.16 U	0.16	1.0	5	ug/L
Chloromethane	74-87-3	0.18 U	0.18	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.14 U	0.14	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.16 U	0.16	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.18 U	0.18	1.0	1	ug/L
Dibromomethane	74-95-3	0.14 U	0.14	1.0	10	ug/L
Ethylbenzene	100-41-4	0.17 U	0.17	1.0	1	ug/L
Iodomethane	74-88-4	0.23 U	0.23	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.21 U	0.21	2.0	NE	ug/L
Methylene chloride	75-09-2	0.088 U	0.088	2.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	0105-MW7	Project:	Coble's Sandrock
Lab #:	C704917-05	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/28/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D28010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
o-Xylene	95-47-6	0.14 U	0.14	1.0	NE	ug/L
Styrene	100-42-5	0.12 U	0.12	1.0	1	ug/L
Tetrachloroethene	127-18-4	0.25 U	0.25	1.0	1	ug/L
Toluene	108-88-3	0.15 U	0.15	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.10 U	0.10	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.18 U	0.18	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.60 U	0.60	1.0	100	ug/L
Trichloroethene	79-01-6	0.23 U	0.23	1.0	1	ug/L
Trichlorofluoromethane	75-69-4	0.16 U	0.16	1.0	1	ug/L
Vinyl acetate	108-05-4	0.19 U	0.19	2.0	50	ug/L
Vinyl chloride	75-01-4	0.15 U	0.15	1.0	1	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	65 S-GC	50.0	131 %	67-125
Dibromofluoromethane	1868-53-7	43	50.0	86 %	69-111
Toluene-d8	2037-26-5	53	50.0	105 %	85-120

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ANALYTICAL REPORT

Sample ID: 0105-MW7
Lab #: C704917-05

Project: Coble's Sandrock
Work Order #: C704917
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Barium	7440-39-3	**140**	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7D23010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7D23010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7D24011
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010

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ANALYTICAL REPORT

Sample ID:	0105-SW1	Project:	Coble's Sandrock
Lab #:	C704917-06	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/28/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D28010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.16 U	0.16	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.24 U	0.24	1.0	1	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.27 U	0.27	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.24 U	0.24	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.090 U	0.090	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.14 U	0.14	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.32 U	0.32	1.0	1	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.19 U	0.19	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.19 U	0.19	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.17 U	0.17	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.36 U	0.36	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.18 U	0.18	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.15 U	0.15	1.0	1	ug/L
2-Butanone	78-93-3	0.56 U	0.56	5.0	100	ug/L
2-Hexanone	591-78-6	0.24 U	0.24	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.36 U	0.36	5.0	100	ug/L
Acetone	67-64-1	0.90 U	0.90	5.0	100	ug/L
Acrylonitrile	107-13-1	2.0 U	2.0	5.0	200	ug/L
Benzene	71-43-2	0.12 U	0.12	1.0	1	ug/L
Bromochloromethane	74-97-5	0.19 U	0.19	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.19 U	0.19	0.40	1	ug/L
Bromoform	75-25-2	0.36 U	0.36	1.0	3	ug/L
Bromomethane	74-83-9	0.21 U	0.21	1.0	10	ug/L
Carbon disulfide	75-15-0	0.12 U	0.12	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.38 U	0.38	1.0	1	ug/L
Chlorobenzene	108-90-7	0.16 U	0.16	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.16 U	0.16	1.0	5	ug/L
Chloromethane	74-87-3	0.18 U	0.18	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.14 U	0.14	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.16 U	0.16	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.18 U	0.18	1.0	1	ug/L
Dibromomethane	74-95-3	0.14 U	0.14	1.0	10	ug/L
Ethylbenzene	100-41-4	0.17 U	0.17	1.0	1	ug/L
Iodomethane	74-88-4	0.23 U	0.23	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.21 U	0.21	2.0	NE	ug/L
Methylene chloride	75-09-2	0.088 U	0.088	2.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	0105-SW1	Project:	Coble's Sandrock
Lab #:	C704917-06	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/28/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D28010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
o-Xylene	95-47-6	0.14 U	0.14	1.0	NE	ug/L
Styrene	100-42-5	0.12 U	0.12	1.0	1	ug/L
Tetrachloroethene	127-18-4	0.25 U	0.25	1.0	1	ug/L
Toluene	108-88-3	0.15 U	0.15	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.10 U	0.10	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.18 U	0.18	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.60 U	0.60	1.0	100	ug/L
Trichloroethene	79-01-6	0.23 U	0.23	1.0	1	ug/L
Trichlorofluoromethane	75-69-4	0.16 U	0.16	1.0	1	ug/L
Vinyl acetate	108-05-4	0.19 U	0.19	2.0	50	ug/L
Vinyl chloride	75-01-4	0.15 U	0.15	1.0	1	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	64 S-GC	50.0	128 %	67-125
Dibromofluoromethane	1868-53-7	45	50.0	91 %	69-111
Toluene-d8	2037-26-5	52	50.0	103 %	85-120

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ANALYTICAL REPORT

Sample ID: 0105-SW1
Lab #: C704917-06

Project: Coble's Sandrock
Work Order #: C704917
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Barium	7440-39-3	**28.1** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7D23010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7D23010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7D24011
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010

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ANALYTICAL REPORT

Sample ID:	0105-SW2	Project:	Coble's Sandrock
Lab #:	C704917-07	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/28/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D28010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.16 U	0.16	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.24 U	0.24	1.0	1	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.27 U	0.27	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.24 U	0.24	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.090 U	0.090	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.14 U	0.14	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.32 U	0.32	1.0	1	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.19 U	0.19	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.19 U	0.19	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.17 U	0.17	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.36 U	0.36	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.18 U	0.18	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.15 U	0.15	1.0	1	ug/L
2-Butanone	78-93-3	0.56 U	0.56	5.0	100	ug/L
2-Hexanone	591-78-6	0.24 U	0.24	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.36 U	0.36	5.0	100	ug/L
Acetone	67-64-1	0.90 U	0.90	5.0	100	ug/L
Acrylonitrile	107-13-1	2.0 U	2.0	5.0	200	ug/L
Benzene	71-43-2	0.12 U	0.12	1.0	1	ug/L
Bromochloromethane	74-97-5	0.19 U	0.19	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.19 U	0.19	0.40	1	ug/L
Bromoform	75-25-2	0.36 U	0.36	1.0	3	ug/L
Bromomethane	74-83-9	0.21 U	0.21	1.0	10	ug/L
Carbon disulfide	75-15-0	0.12 U	0.12	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.38 U	0.38	1.0	1	ug/L
Chlorobenzene	108-90-7	0.16 U	0.16	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.16 U	0.16	1.0	5	ug/L
Chloromethane	74-87-3	0.18 U	0.18	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.14 U	0.14	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.16 U	0.16	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.18 U	0.18	1.0	1	ug/L
Dibromomethane	74-95-3	0.14 U	0.14	1.0	10	ug/L
Ethylbenzene	100-41-4	0.17 U	0.17	1.0	1	ug/L
Iodomethane	74-88-4	0.23 U	0.23	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.21 U	0.21	2.0	NE	ug/L
Methylene chloride	75-09-2	0.088 U	0.088	2.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	0105-SW2	Project:	Coble's Sandrock
Lab #:	C704917-07	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	04/28/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D28010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
o-Xylene	95-47-6	0.14 U	0.14	1.0	NE	ug/L
Styrene	100-42-5	0.12 U	0.12	1.0	1	ug/L
Tetrachloroethene	127-18-4	0.25 U	0.25	1.0	1	ug/L
Toluene	108-88-3	0.15 U	0.15	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.10 U	0.10	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.18 U	0.18	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.60 U	0.60	1.0	100	ug/L
Trichloroethene	79-01-6	0.23 U	0.23	1.0	1	ug/L
Trichlorofluoromethane	75-69-4	0.16 U	0.16	1.0	1	ug/L
Vinyl acetate	108-05-4	0.19 U	0.19	2.0	50	ug/L
Vinyl chloride	75-01-4	0.15 U	0.15	1.0	1	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	64 S-GC	50.0	128 %	67-125
Dibromofluoromethane	1868-53-7	44	50.0	88 %	69-111
Toluene-d8	2037-26-5	51	50.0	102 %	85-120

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ANALYTICAL REPORT

Sample ID: 0105-SW2
Lab #: C704917-07

Project: Coble's Sandrock
Work Order #: C704917
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	**2.6** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Barium	7440-39-3	**40.7** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7D23010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7D23010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7D24011
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010

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ANALYTICAL REPORT

Sample ID:	0105-Field Blank	Project:	Coble's Sandrock
Lab #:	C704917-08	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	04/27/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D27028		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.16 U	0.16	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.24 U	0.24	1.0	1	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.27 U	0.27	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.24 U	0.24	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.090 U	0.090	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.14 U	0.14	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.32 U	0.32	1.0	1	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.19 U	0.19	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.19 U	0.19	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.17 U	0.17	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.36 U	0.36	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.18 U	0.18	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.15 U	0.15	1.0	1	ug/L
2-Butanone	78-93-3	0.56 U	0.56	5.0	100	ug/L
2-Hexanone	591-78-6	0.24 U	0.24	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.36 U	0.36	5.0	100	ug/L
Acetone	67-64-1	0.90 U	0.90	5.0	100	ug/L
Acrylonitrile	107-13-1	2.0 U	2.0	5.0	200	ug/L
Benzene	71-43-2	0.12 U	0.12	1.0	1	ug/L
Bromochloromethane	74-97-5	0.19 U	0.19	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.19 U	0.19	0.40	1	ug/L
Bromoform	75-25-2	0.36 U	0.36	1.0	3	ug/L
Bromomethane	74-83-9	0.21 U	0.21	1.0	10	ug/L
Carbon disulfide	75-15-0	0.12 U	0.12	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.38 U	0.38	1.0	1	ug/L
Chlorobenzene	108-90-7	0.16 U	0.16	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.16 U	0.16	1.0	5	ug/L
Chloromethane	74-87-3	0.18 U	0.18	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.14 U	0.14	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.16 U	0.16	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.18 U	0.18	1.0	1	ug/L
Dibromomethane	74-95-3	0.14 U	0.14	1.0	10	ug/L
Ethylbenzene	100-41-4	0.17 U	0.17	1.0	1	ug/L
Iodomethane	74-88-4	0.23 U	0.23	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.21 U	0.21	2.0	NE	ug/L
Methylene chloride	75-09-2	0.088 U	0.088	2.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	0105-Field Blank	Project:	Coble's Sandrock
Lab #:	C704917-08	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	04/27/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D27028		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
o-Xylene	95-47-6	0.14 U	0.14	1.0	NE	ug/L
Styrene	100-42-5	0.12 U	0.12	1.0	1	ug/L
Tetrachloroethene	127-18-4	0.25 U	0.25	1.0	1	ug/L
Toluene	108-88-3	0.15 U	0.15	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.10 U	0.10	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.18 U	0.18	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.60 U	0.60	1.0	100	ug/L
Trichloroethene	79-01-6	0.23 U	0.23	1.0	1	ug/L
Trichlorofluoromethane	75-69-4	0.16 U	0.16	1.0	1	ug/L
Vinyl acetate	108-05-4	0.19 U	0.19	2.0	50	ug/L
Vinyl chloride	75-01-4	0.15 U	0.15	1.0	1	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	60	50.0	121 %	67-125
Dibromofluoromethane	1868-53-7	43	50.0	87 %	69-111
Toluene-d8	2037-26-5	53	50.0	107 %	85-120

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ANALYTICAL REPORT

Sample ID: 0105-Field Blank
Lab #: C704917-08

Project: Coble's Sandrock
Work Order #: C704917
Matrix: Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Barium	7440-39-3	**0.30** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7D23010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7D23010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7D24011
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7D23010

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ANALYTICAL REPORT

Sample ID:	0105-Trip Blank	Project:	Coble's Sandrock
Lab #:	C704917-09	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	04/27/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D27028		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.16 U	0.16	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.24 U	0.24	1.0	1	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.27 U	0.27	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.24 U	0.24	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.090 U	0.090	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.14 U	0.14	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.32 U	0.32	1.0	1	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.19 U	0.19	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.19 U	0.19	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.17 U	0.17	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.36 U	0.36	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.18 U	0.18	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.15 U	0.15	1.0	1	ug/L
2-Butanone	78-93-3	0.56 U	0.56	5.0	100	ug/L
2-Hexanone	591-78-6	0.24 U	0.24	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.36 U	0.36	5.0	100	ug/L
Acetone	67-64-1	0.90 U	0.90	5.0	100	ug/L
Acrylonitrile	107-13-1	2.0 U	2.0	5.0	200	ug/L
Benzene	71-43-2	0.12 U	0.12	1.0	1	ug/L
Bromochloromethane	74-97-5	0.19 U	0.19	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.19 U	0.19	0.40	1	ug/L
Bromoform	75-25-2	0.36 U	0.36	1.0	3	ug/L
Bromomethane	74-83-9	0.21 U	0.21	1.0	10	ug/L
Carbon disulfide	75-15-0	0.12 U	0.12	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.38 U	0.38	1.0	1	ug/L
Chlorobenzene	108-90-7	0.16 U	0.16	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.16 U	0.16	1.0	5	ug/L
Chloromethane	74-87-3	0.18 U	0.18	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.14 U	0.14	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.16 U	0.16	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.18 U	0.18	1.0	1	ug/L
Dibromomethane	74-95-3	0.14 U	0.14	1.0	10	ug/L
Ethylbenzene	100-41-4	0.17 U	0.17	1.0	1	ug/L
Iodomethane	74-88-4	0.23 U	0.23	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.21 U	0.21	2.0	NE	ug/L
Methylene chloride	75-09-2	0.088 U	0.088	2.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	0105-Trip Blank	Project:	Coble's Sandrock
Lab #:	C704917-09	Work Order #:	C704917
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	04/27/07 By: ref	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7D27028		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
o-Xylene	95-47-6	0.14 U	0.14	1.0	NE	ug/L
Styrene	100-42-5	0.12 U	0.12	1.0	1	ug/L
Tetrachloroethene	127-18-4	0.25 U	0.25	1.0	1	ug/L
Toluene	108-88-3	0.15 U	0.15	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.10 U	0.10	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.18 U	0.18	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.60 U	0.60	1.0	100	ug/L
Trichloroethene	79-01-6	0.23 U	0.23	1.0	1	ug/L
Trichlorofluoromethane	75-69-4	0.16 U	0.16	1.0	1	ug/L
Vinyl acetate	108-05-4	0.19 U	0.19	2.0	50	ug/L
Vinyl chloride	75-01-4	0.15 U	0.15	1.0	1	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	65 S-GC	50.0	130 %	67-125
Dibromofluoromethane	1868-53-7	45	50.0	91 %	69-111
Toluene-d8	2037-26-5	52	50.0	103 %	85-120

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes

Volatile Organic Compounds by GCMS - Quality Control

Batch 7D27028 - EPA 5030B_MS

Blank (7D27028-BLK1) Prepared: 04/27/2007 13:09 Analyzed: 04/27/2007 15:56

Acetone	0.90 U	5.0	ug/L
Acrylonitrile	2.0 U	5.0	ug/L
Benzene	0.12 U	1.0	ug/L
2-Butanone	0.56 U	5.0	ug/L
2-Hexanone	0.24 U	5.0	ug/L
Iodomethane	0.23 U	2.0	ug/L
Tetrachloroethene	0.25 U	1.0	ug/L
4-Methyl-2-pentanone	0.36 U	5.0	ug/L
Bromochloromethane	0.19 U	1.0	ug/L
Trichloroethene	0.23 U	1.0	ug/L
Bromodichloromethane	0.19 U	0.40	ug/L
Bromoform	0.36 U	1.0	ug/L
Bromomethane	0.21 U	1.0	ug/L
Carbon disulfide	0.12 U	5.0	ug/L
Carbon tetrachloride	0.38 U	1.0	ug/L
Chlorobenzene	0.16 U	1.0	ug/L
Chloroethane	0.40 U	1.0	ug/L
Chloroform	0.16 U	1.0	ug/L
Chloromethane	0.18 U	1.0	ug/L
Dibromochloromethane	0.18 U	1.0	ug/L
1,2-Dibromo-3-chloropropane	0.19 U	1.0	ug/L
1,2-Dibromoethane	0.19 U	1.0	ug/L
Dibromomethane	0.14 U	1.0	ug/L
1,2-Dichlorobenzene	0.17 U	1.0	ug/L
1,4-Dichlorobenzene	0.15 U	1.0	ug/L
trans-1,4-Dichloro-2-butene	0.60 U	1.0	ug/L
1,1-Dichloroethane	0.090 U	1.0	ug/L
1,2-Dichloroethane	0.36 U	1.0	ug/L
1,1-Dichloroethene	0.14 U	1.0	ug/L
cis-1,2-Dichloroethene	0.14 U	1.0	ug/L
trans-1,2-Dichloroethene	0.10 U	1.0	ug/L
1,2-Dichloropropane	0.18 U	1.0	ug/L
cis-1,3-Dichloropropene	0.16 U	0.20	ug/L
trans-1,3-Dichloropropene	0.18 U	0.20	ug/L
Ethylbenzene	0.17 U	1.0	ug/L
Methylene chloride	0.088 U	2.0	ug/L
Styrene	0.12 U	1.0	ug/L
1,1,1,2-Tetrachloroethane	0.16 U	1.0	ug/L
1,1,2,2-Tetrachloroethane	0.27 U	1.0	ug/L
Toluene	0.15 U	1.0	ug/L
1,1,1-Trichloroethane	0.24 U	1.0	ug/L
1,1,2-Trichloroethane	0.24 U	1.0	ug/L
Trichlorofluoromethane	0.16 U	1.0	ug/L
1,2,3-Trichloropropane	0.32 U	1.0	ug/L
Vinyl acetate	0.19 U	2.0	ug/L

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 7D27028 - EPA 5030B_MS										
Blank (7D27028-BLK1) Continued				Prepared: 04/27/2007 13:09 Analyzed: 04/27/2007 15:56						
Vinyl chloride	0.15 U	1.0	ug/L							
Xylenes (Total)	0.21 U	1.0	ug/L							
Surrogate: Toluene-d8	*52*		*ug/L*	*50.0*		*103*	*85-120*			
Surrogate: 4-Bromofluorobenzene	*64*		*ug/L*	*50.0*		*127*	*67-125*			S-GC
Surrogate: Dibromofluoromethane	*43*		*ug/L*	*50.0*		*87*	*69-111*			
LCS (7D27028-BS1)				Prepared: 04/27/2007 13:09 Analyzed: 04/27/2007 16:22						
Benzene	21	1.0	ug/L	20.0		103	76-116			
Trichloroethene	22	1.0	ug/L	20.0		112	81-118			
Chlorobenzene	21	1.0	ug/L	20.0		106	75-115			
1,1-Dichloroethene	19	1.0	ug/L	20.0		93	57-141			
Toluene	19	1.0	ug/L	20.0		96	77-120			
Matrix Spike (7D27028-MS1)		**Source: C704917-02**		Prepared: 04/27/2007 13:09 Analyzed: 04/27/2007 16:48						
Benzene	17	1.0	ug/L	20.0	0.12 U	85	76-116			
Trichloroethene	18	1.0	ug/L	20.0	0.23 U	91	81-118			
Chlorobenzene	18	1.0	ug/L	20.0	0.16 U	90	75-115			
1,1-Dichloroethene	16	1.0	ug/L	20.0	0.14 U	80	57-141			
Toluene	17	1.0	ug/L	20.0	0.15 U	86	77-120			
Matrix Spike Dup (7D27028-MSD1)		**Source: C704917-02**		Prepared: 04/27/2007 13:09 Analyzed: 04/27/2007 17:14						
Benzene	18	1.0	ug/L	20.0	0.12 U	88	76-116	4	14	
Trichloroethene	19	1.0	ug/L	20.0	0.23 U	97	81-118	6	11	
Chlorobenzene	18	1.0	ug/L	20.0	0.16 U	92	75-115	2	12	
1,1-Dichloroethene	16	1.0	ug/L	20.0	0.14 U	80	57-141	0.1	12	
Toluene	17	1.0	ug/L	20.0	0.15 U	85	77-120	1	17	
Batch 7D28010 - EPA 5030B_MS										
Blank (7D28010-BLK1)				Prepared: 04/28/2007 15:58 Analyzed: 04/28/2007 16:42						
Acetone	0.90 U	5.0	ug/L							
Acrylonitrile	2.0 U	5.0	ug/L							
Benzene	0.12 U	1.0	ug/L							
2-Butanone	0.56 U	5.0	ug/L							
2-Hexanone	0.24 U	5.0	ug/L							
Iodomethane	0.23 U	2.0	ug/L							
Tetrachloroethene	0.25 U	1.0	ug/L							
4-Methyl-2-pentanone	0.36 U	5.0	ug/L							
Bromochloromethane	0.19 U	1.0	ug/L							
Trichloroethene	0.23 U	1.0	ug/L							
Bromodichloromethane	0.19 U	0.40	ug/L							
Bromoform	0.36 U	1.0	ug/L							
Bromomethane	0.21 U	1.0	ug/L							
Carbon disulfide	0.12 U	5.0	ug/L							
Carbon tetrachloride	0.38 U	1.0	ug/L							
Chlorobenzene	0.16 U	1.0	ug/L							
Chloroethane	0.40 U	1.0	ug/L							
Chloroform	0.16 U	1.0	ug/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 7D28010 - EPA 5030B_MS										
Blank (7D28010-BLK1) Continued				Prepared: 04/28/2007 15:58 Analyzed: 04/28/2007 16:42						
Chloromethane	0.18 U	1.0	ug/L							
Dibromochloromethane	0.18 U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.19 U	1.0	ug/L							
1,2-Dibromoethane	0.19 U	1.0	ug/L							
Dibromomethane	0.14 U	1.0	ug/L							
1,2-Dichlorobenzene	0.17 U	1.0	ug/L							
1,4-Dichlorobenzene	0.15 U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.60 U	1.0	ug/L							
1,1-Dichloroethane	0.090 U	1.0	ug/L							
1,2-Dichloroethane	0.36 U	1.0	ug/L							
1,1-Dichloroethene	0.14 U	1.0	ug/L							
cis-1,2-Dichloroethene	0.14 U	1.0	ug/L							
trans-1,2-Dichloroethene	0.10 U	1.0	ug/L							
1,2-Dichloropropane	0.18 U	1.0	ug/L							
cis-1,3-Dichloropropene	0.16 U	0.20	ug/L							
trans-1,3-Dichloropropene	0.18 U	0.20	ug/L							
Ethylbenzene	0.17 U	1.0	ug/L							
Methylene chloride	0.088 U	2.0	ug/L							
Styrene	0.12 U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	0.16 U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.27 U	1.0	ug/L							
Toluene	0.15 U	1.0	ug/L							
1,1,1-Trichloroethane	0.24 U	1.0	ug/L							
1,1,2-Trichloroethane	0.24 U	1.0	ug/L							
Trichlorofluoromethane	0.16 U	1.0	ug/L							
1,2,3-Trichloropropane	0.32 U	1.0	ug/L							
Vinyl acetate	0.19 U	2.0	ug/L							
Vinyl chloride	0.15 U	1.0	ug/L							
m,p-Xylenes	0.21 U	2.0	ug/L							
o-Xylene	0.14 U	1.0	ug/L							
LCS (7D28010-BS1)				Prepared: 04/28/2007 15:58 Analyzed: 04/28/2007 17:07						
Benzene	20	1.0	ug/L	20.0		100	76-116			
Trichloroethene	22	1.0	ug/L	20.0		108	81-118			
Chlorobenzene	20	1.0	ug/L	20.0		99	75-115			
1,1-Dichloroethene	19	1.0	ug/L	20.0		94	57-141			
Toluene	18	1.0	ug/L	20.0		92	77-120			
Matrix Spike (7D28010-MS1)		**Source: C705620-06RE1**		Prepared: 04/28/2007 15:58 Analyzed: 04/28/2007 17:33						
Benzene	21	1.0	ug/L	20.0	0.12 U	104	76-116			
Trichloroethene	22	1.0	ug/L	20.0	0.23 U	112	81-118			
Chlorobenzene	22	1.0	ug/L	20.0	0.16 U	108	75-115			
1,1-Dichloroethene	20	1.0	ug/L	20.0	0.14 U	98	57-141			
Toluene	19	1.0	ug/L	20.0	0.15 U	94	77-120			
Matrix Spike Dup (7D28010-MSD1)		**Source: C705620-06RE1**		Prepared: 04/28/2007 15:58 Analyzed: 04/28/2007 17:59						
Benzene	20	1.0	ug/L	20.0	0.12 U	100	76-116	3	14	

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 7D28010 - EPA 5030B_MS										
Matrix Spike Dup (7D28010-MSD1) Continued		**Source: C705620-06RE1**		Prepared: 04/28/2007 15:58 Analyzed: 04/28/2007 17:59						
Trichloroethene	21	1.0	ug/L	20.0	0.23 U	106	81-118	6	11	
Chlorobenzene	20	1.0	ug/L	20.0	0.16 U	99	75-115	9	12	
1,1-Dichloroethene	19	1.0	ug/L	20.0	0.14 U	96	57-141	2	12	
Toluene	18	1.0	ug/L	20.0	0.15 U	92	77-120	2	17	
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 7D23010 - EPA 3005A										
Blank (7D23010-BLK1)				Prepared: 04/23/2007 09:00 Analyzed: 04/25/2007 10:33						
Arsenic	2.1 J	10.0	ug/L							
Barium	0.20 U	10.0	ug/L							
Cadmium	0.50 U	1.00	ug/L							
Chromium	2.0 U	10.0	ug/L							
Lead	2.0 U	10.0	ug/L							
Selenium	3.5 J	10.0	ug/L							
Silver	2.0 U	10.0	ug/L							
LCS (7D23010-BS1)				Prepared: 04/23/2007 09:00 Analyzed: 04/25/2007 10:40						
Arsenic	1020	10.0	ug/L	1000		102	82-117			
Barium	1180	10.0	ug/L	1000		118	72-125			
Cadmium	513	1.00	ug/L	500		103	72-120			
Chromium	1020	10.0	ug/L	1000		102	78-119			
Lead	1030	10.0	ug/L	1000		103	72-121			
Selenium	1040	10.0	ug/L	1000		104	82-127			
Silver	105	10.0	ug/L	100		105	80-128			
Matrix Spike (7D23010-MS1)		**Source: C704917-02**		Prepared: 04/23/2007 09:00 Analyzed: 04/25/2007 10:58						
Arsenic	1020	10.0	ug/L	1000	2.0 U	102	64-126			
Barium	1240	10.0	ug/L	1000	66.0	117	74-119			
Cadmium	509	1.00	ug/L	500	0.50 U	102	68-121			
Chromium	1020	10.0	ug/L	1000	10.9	101	73-120			
Lead	1020	10.0	ug/L	1000	2.0 U	102	68-126			
Selenium	1030	10.0	ug/L	1000	2.0 U	103	65-129			
Silver	103	10.0	ug/L	100	2.0 U	103	69-121			
Matrix Spike Dup (7D23010-MSD1)		**Source: C704917-02**		Prepared: 04/23/2007 09:00 Analyzed: 04/25/2007 11:05						
Arsenic	1020	10.0	ug/L	1000	2.0 U	102	64-126	0.6	12	
Barium	1260	10.0	ug/L	1000	66.0	119	74-119	2	11	
Cadmium	513	1.00	ug/L	500	0.50 U	103	68-121	0.8	12	
Chromium	1040	10.0	ug/L	1000	10.9	102	73-120	1	10	
Lead	1020	10.0	ug/L	1000	2.0 U	102	68-126	0.5	19	
Selenium	1040	10.0	ug/L	1000	2.0 U	104	65-129	1	10	
Silver	103	10.0	ug/L	100	2.0 U	103	69-121	0.6	12	
Batch 7D24011 - EPA 7470A										
Blank (7D24011-BLK1)				Prepared: 04/24/2007 08:39 Analyzed: 04/25/2007 10:32						
Mercury	0.11 U	0.20	ug/L							
LCS (7D24011-BS1)				Prepared: 04/24/2007 08:39 Analyzed: 04/25/2007 10:34						

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 7D24011 - EPA 7470A										
LCS (7D24011-BS1) Continued				Prepared: 04/24/2007 08:39 Analyzed: 04/25/2007 10:34						
Mercury	4.58	0.20	ug/L	5.00		92	87-123			
Matrix Spike (7D24011-MS1)		**Source: C704917-02**		Prepared: 04/24/2007 08:39 Analyzed: 04/25/2007 10:44						
Mercury	4.48	0.20	ug/L	5.00	0.11 U	90	63-132			
Matrix Spike Dup (7D24011-MSD1)		**Source: C704917-02**		Prepared: 04/24/2007 08:39 Analyzed: 04/25/2007 10:46						
Mercury	4.42	0.20	ug/L	5.00	0.11 U	88	63-132	1	10	
Post Spike (7D24011-PS1)		**Source: C704917-02**		Prepared: 04/24/2007 08:39 Analyzed: 04/25/2007 10:49						
Mercury	3.98 QM-08	0.20	ug/L	5.00	-0.07	81	85-115			QM-08

NOTES AND DEFINITIONS

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
QM-08	Post-digestion spike did not meet method requirements due to confirmed matrix effects (dilution test).
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
U	Analyte included in the analysis, but not detected

LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8260B Appendix 1	Water	NC	591
Arsenic Total EPA 6010B	Water	NC	591
Barium Total EPA 6010B	Water	NC	591
Cadmium Total EPA 6010B	Water	NC	591
Chromium Total EPA 6010B	Water	NC	591
Lead Total EPA 6010B	Water	NC	591
Mercury Total EPA 7470A	Water	NC	591
Selenium Total EPA 6010B	Water	NC	591
Silver Total EPA 6010B	Water	NC	591

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9846

Client Name: Joyce Engineering (JO004)	Project Number: 419.28
Address: Boone Bldg. Suite 101, 2211 W. Meadowview Road	Project Name/Desc: Coble's Sandrock
City/ST/Zip: Greensboro, NC 27407	PO # / Billing Info:
Tel: (336) 323-0092 Fax: (336) 323-0093	Reporting Contact: ~~Van Burbach~~ Jeremey Kerly
Sampler(s) Name, Affiliation (Print): Jeremey Kerly Dan Gingrich	Billing Contact: Accounts Payable
Sampler(s) Signature:	Facility # (if required):

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: C704917

Requested Analyses: 8260B Appendix 1; Ag,As,Ba,Cd,Cr,Hg,Pb,Se

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 1	Ag,As,Ba,Cd,Cr,Hg,Pb,Se	Sample Comments
	0105-MW1	4-19-07	1230	Grab	Water	4	X	X	NC Appendix 1 8260's
	0105-MW2 MS/MSD	4-19-07	1245	"	Water	7	X	X	& RCRA metals
	0105-MW4	4-19-07	1300	"	Water	4	X	X	
	0105-MW6	4-19-07	1405	"	Water	4	X	X	
	0105-MW7	4-19-07	1335	"	Water	4	X	X	
	0105-SW1	4-19-07	1315	"	Water	4	X	X	
	0105-SW2	4-19-07	950	"	Water	4	X	X	
	0105-Field Blank	4-19-07	1420	"	Water	4	X	X	
	0105-Trip Blank	—	—	—	Water	3	X		NC Appendix 1 8260's only
	~~Extra~~				~~Water~~	~~4~~	~~X~~	~~X~~	

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		[signature]	4-19-07 1530	BJD	4/20/07 11:30
		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time

Comments: * Chain covers 1 cooler.

Cooler #'s & Temps on Receipt:

Condition Upon Receipt: ___ Acceptable ___ Unacceptable

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

DATE: 4-19-07

JOYCE ENGINEERING, INC.

GROUND WATER SAMPLING LOG

Project Name: COBLE'S SANDROCK & LF **Project No./Task No.:** 419.00.28

Well ID: 0105-MW1 **Sampler(s):** D. GIRDNER / J. KERLY

Well Location: backside of the landfill along perimeter road

Well Diameter: 2 inches

Initial Depth to Water (DTW): 32.13 feet

Depth to Bottom (DTB): 35.85 feet

Water Column Thickness (WCT): 3.72 feet [DTB-DTW]

Calculation for One Well Volume (WV):

For 2" Well: WCT X 0.163 = 0.61 gallons

For 4" Well: WCT X 0.653 = — gallons

For THREE Well Volumes: WV X 3 = 1.83 gallons

Actual Amount Purged/Bailed : 1.83 gallons

Purged with: disposable bailer

Sampled with: disposable bailer

Depth to Water before Sampling: 32.15 feet

Gallons	Time	Temp(°C)	pH	Cond. (µS)	Turb.(ntu)	Initials
~~0.5~~ 0	08:15	15.7	7.16	136.2	7.60	DG
0.61	08:19	15.5	7.06	91.7	298	DG
1.22	08:21	15.5	6.54	89.0	971	DG
1.83	08:23	15.5	6.22	85.8	>1000	DG
Before Sampling	12:30	15.6	6.03	83.1	81.7	DG

Comments (weather conditions, odor, color, silt, etc.):

4-19: MOSTLY CLOUDY, 60s

Signature: Daniel Girdner **Date:** 4-19-07

QA/QC Sign Off: [illegible] **Date:** 6-22-07

DATE: 4-19-07

JOYCE ENGINEERING, INC.

GROUND WATER SAMPLING LOG

Project Name: COBLE'S SANDROCK & LF **Project No./Task No.:** 419.00.28

Well ID: 0105-MW2 **Sampler(s):** J. Kealy D. Gardner

Well Location: near top of hill; west side of LF

Well Diameter: 2 inches

Initial Depth to Water (DTW): 12.27 feet

Depth to Bottom (DTB): 22.98 feet

Water Column Thickness (WCT): 10.71 feet [DTB-DTW]

Calculation for One Well Volume (WV):

For 2" Well: WCT X 0.163 = 1.75 gallons

For 4" Well: WCT X 0.653 = — gallons

For THREE Well Volumes: WV X 3 = 5.25 gallons

Actual Amount Purged/Bailed : 5.25 gallons

Purged with: disposable bailer

Sampled with: disposable bailer

Depth to Water before Sampling: — feet

Gallons	Time	Temp(°C)	pH	Cond. (µS)	Turb.(ntu)	Initials
0	835	13.0	6.03	66.5	225	JJK
1.75	839	13.0	5.80	64.9	739	JJK
3.50	842	13.2	5.88	62.1	>1000	JJK
5.25	845	13.3	5.90	58.7	>1000	JJK
Before Sampling	1245	13.1	5.81	62.3	341	JJK

Comments (weather conditions, odor, color, silt, etc.):

50's, cloudy

Signature: [signature] **Date:** 4-19-07

QA/QC Sign Off: Daniel A. Gardner **Date:** 7-12-07

DATE: 4-19-07

JOYCE ENGINEERING, INC.

GROUND WATER SAMPLING LOG

Project Name: COBLE'S SANDROCK & LF **Project No./Task No.:** 419.00.28

Well ID: 0105-MW4 **Sampler(s):** D. GIRDNER / J. KERLY

Well Location: between MW-5 and MW-2

Well Diameter: 2 inches

Initial Depth to Water (DTW): 13.26 feet

Depth to Bottom (DTB): 24.22 feet

Water Column Thickness (WCT): 10.96 feet [DTB-DTW]

Calculation for One Well Volume (WV):

For 2" Well: WCT X 0.163 = 1.79 gallons

For 4" Well: WCT X 0.653 = — gallons

For THREE Well Volumes: WV X 3 = 5.37 gallons

Actual Amount Purged/Bailed : 5.4 gallons

Purged with: disposable bailer

Sampled with: disposable bailer

Depth to Water before Sampling: 13.26 feet

Gallons	Time	Temp(°C)	pH	Cond. (µS)	Turb.(ntu)	Initials
0	09:01	13.6	5.58	53.2	250	AZ
1.79	09:03	13.7	5.55	54.6	647	AZ
3.58	09:06	13.9	5.57	55.6	486	AZ
5.37	09:08	14.0	5.56	55.3	491	AZ
Before Sampling	1300	13.9	5.53	56.0	145	AK

Comments (weather conditions, odor, color, silt, etc.):

MOSTLY CLOUDY, 60s

Signature: [signature] **Date:** 4-19-07

QA/QC Sign Off: Daniel J. Girdner **Date:** 7-12-07

DATE: 4/19/07

JOYCE ENGINEERING, INC

GROUND WATER SAMPLING LOG

Project Name: COBLE'S SANDROCK & LF **Project No./Task No.:** 419.00.28

Well ID: 0105-MW6 **Sampler(s):** D. GIRDNER / J. KERLY

Well Location: flush mount in field that is fenced before the fill area (former P-3)

Well Diameter: 2 inches

Initial Depth to Water (DTW): 23.14 feet

Depth to Bottom (DTB): 41.00 feet

Water Column Thickness (WCT): 17.86 feet [DTB-DTW]

Calculation for One Well Volume (WV):

For 2" Well: WCT X 0.163 = 2.92 gallons

For 4" Well: WCT X 0.653 = — gallons

For THREE Well Volumes: WV X 3 = 8.76 gallons

Actual Amount Purged/Bailed : 8.8 gallons

Purged with: disposable bailer

Sampled with: disposable bailer

Depth to Water before Sampling: 23.18 feet

Gallons	Time	Temp(°C)	pH	Cond. (µS)	Turb.(ntu)	Initials
0	10:37	15.0	6.97	~~[illegible]~~ 163.0	5.32	DZ
2.92	10:41	15.0	~~6.09~~ 6.25	163.0	820	DZ
5.84	10:47	15.3	5.71	174.7	71000	DZ
8.76	10:50	15.2	5.68	187.2	71000	DZ
				167		
Before Sampling	14:05	15.3	6.29	~~59.6~~	59.6	DZ

Comments (weather conditions, odor, color, silt, etc.):

MOSTLY CLOUDY, 60s

MW-10D: 7.39'

MW-10S: 7.66'

- FIELD BLANK @ 14:20

Signature: Daniel Girdner **Date:** 4-19-07

QA/QC Sign Off: [illegible] **Date:** 6-22-07

DATE: 4-19-07

JOYCE ENGINEERING, INC.

GROUND WATER SAMPLING LOG

Project Name: COBLE'S SANDROCK & LF **Project No./Task No.:** 419.00.28

Well ID: 0105-MW7 **Sampler(s):** J. Kelly D. Gardner

Well Location: Westside of the landfill near MW5

Well Diameter: 2 inches

Initial Depth to Water (DTW): 8.39 feet

Depth to Bottom (DTB): 16.00 feet

Water Column Thickness (WCT): 7.61 feet [DTB-DTW]

Calculation for One Well Volume (WV):

For 2" Well: WCT X 0.163 = 1.24 gallons

For 4" Well: WCT X 0.653 = - gallons

For THREE Well Volumes: WV X 3 = 3.72 gallons

Actual Amount Purged/Bailed : 3.72 gallons

Purged with: disposable bailer

Sampled with: disposable bailer

Depth to Water before Sampling: 8.37 feet

Gallons	Time	Temp(°C)	pH	Cond. (µS)	Turb.(ntu)	Initials
0	919	12.6	5.94	721	18.13	JJK
1.24	921	12.5	6.02	668	359	JJK
2.48	923	12.5	6.06	674	648	JJK
~~4.~~ 3.72	925	12.5	6.07	775	673	JJK
Before Sampling	1335	13.0	6.03	881	56.4	JJK

Comments (weather conditions, odor, color, silt, etc.):

50's, cloudy, strong odor

mw-5 : 5.92'

mw-8 : 5.16

Signature: [signature] **Date:** 4-19-07

QA/QC Sign Off: Daniel L. Gardner **Date:** 7-13-07

DATE: 4-19-07

JOYCE ENGINEERING, INC.

SURFACE WATER MONITORING LOG

Project Name: COBLE'S SANDROCK LF **Project/Task No.:** 419.00.28

Surface Point ID: 0105-SW1 **Sampler(s):** S. Kelly D. Gardner

Location: Stream near MW4

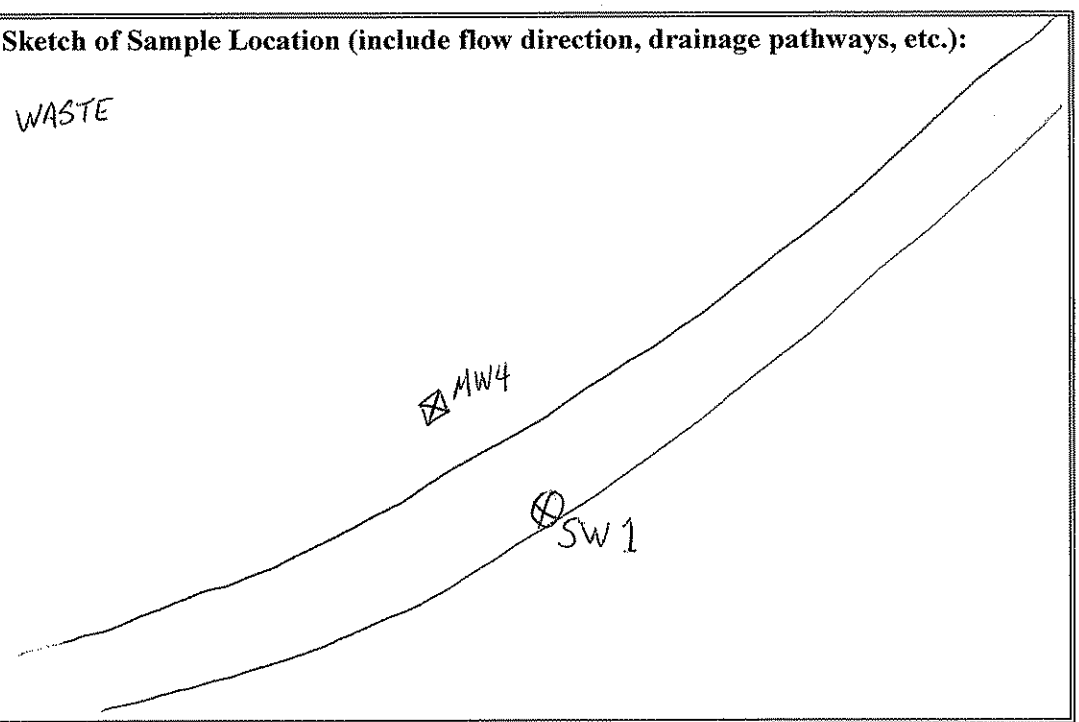
Field Parameters:

Time of Sampling:	1315	
pH:	6.16	
Temperature :	14.4	(°C)
Conductivity :	91.8	(µS)
Turbidity :	22.0	(ntu)

Comments/Sample Description(weather conditions, odor, color, silt, etc.):

50's, cloudy

Sketch of Sample Location (include flow direction, drainage pathways, etc.):



Signature: [illegible] **Date:** 4-19-07

QA/QC Sign Off: Daniel S. Gardner **Date:** 7-13-07

DATE: 4-19-07

ENGINEERING, INC.

SURFACE WATER MONITORING LOG

Project Name: COBLE'S SANDROCK LF **Project/Task No.:** 419.00.28

Surface Point ID: 0105-SW2 **Sampler(s):** J. Kedy D Gidner

Location: off bridge in woods

Field Parameters:

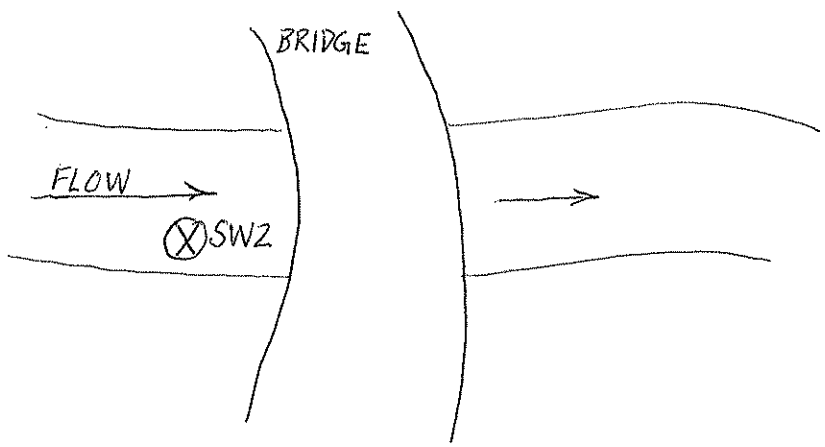
Time of Sampling:	950	
pH:	7.18	
Temperature :	11.9	(°C)
Conductivity :	156.5	(µS)
Turbidity :	16.70	(ntu)

Comments/Sample Description(weather conditions, odor, color, silt, etc.):

50's, cloudy

> MW-9 : 19.33'

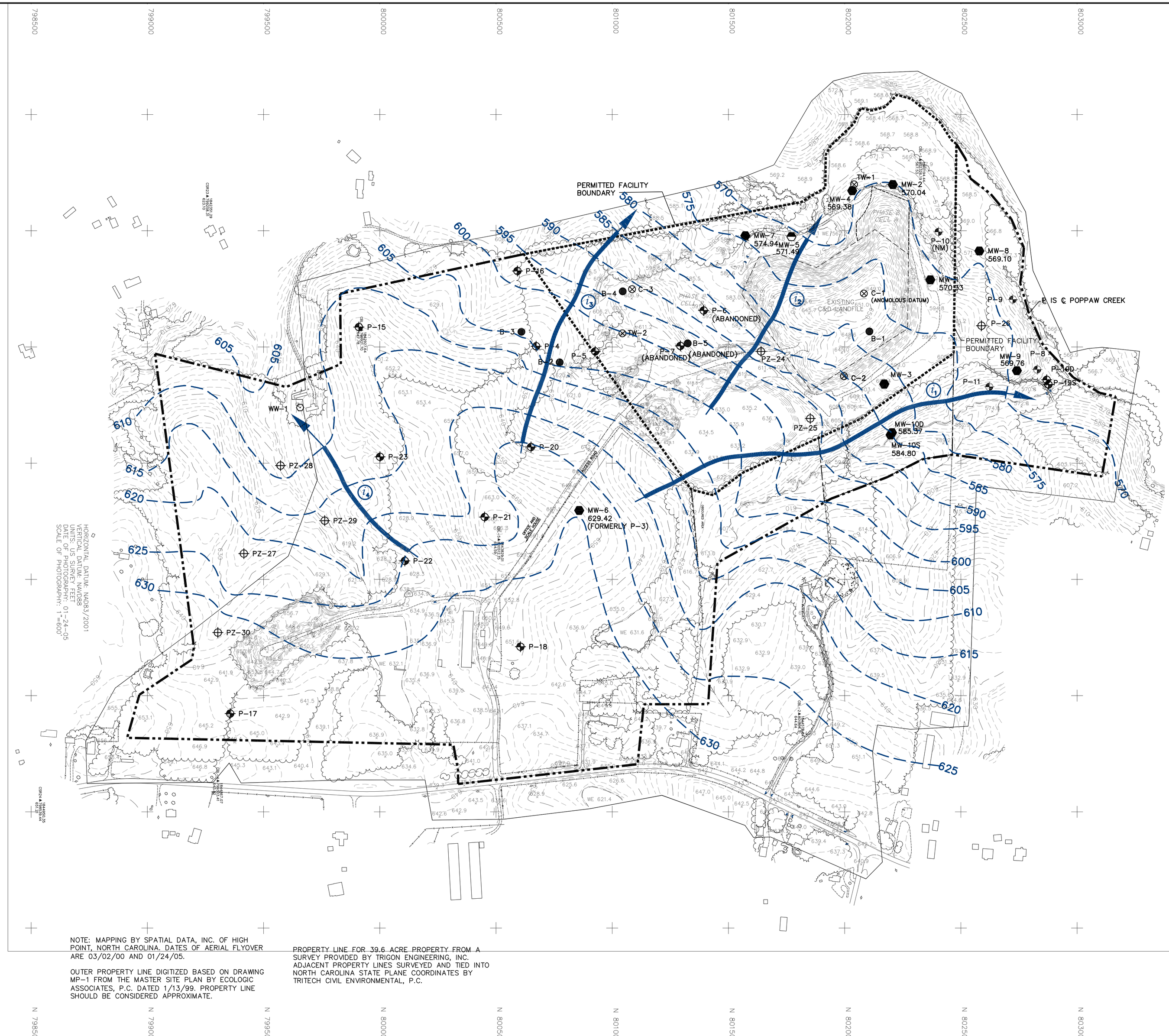
Sketch of Sample Location (include flow direction, drainage pathways, etc.):



Signature: [signature] **Date:** 4-19-07

QA/QC Sign Off: Daniel A. Gidner **Date:** 7-13-07

DRAWING



NOTE: MAPPING BY SPATIAL DATA, INC. OF HIGH POINT, NORTH CAROLINA. DATES OF AERIAL FLYOVER ARE 03/02/00 AND 01/24/05.

OUTER PROPERTY LINE DIGITIZED BASED ON DRAWING MP-1 FROM THE MASTER SITE PLAN BY ECOLOGIC ASSOCIATES, P.C. DATED 1/13/99. PROPERTY LINE SHOULD BE CONSIDERED APPROXIMATE.

PROPERTY LINE FOR 39.6 ACRE PROPERTY FROM A SURVEY PROVIDED BY TRIGON ENGINEERING, INC. ADJACENT PROPERTY LINES SURVEYED AND TIED INTO NORTH CAROLINA STATE PLANE COORDINATES BY TRITECH CIVIL ENVIRONMENTAL, P.C.

NOTES:

1. TOPOGRAPHIC CONTOUR INTERVAL = 5 FEET.
2. GROUNDWATER SURFACE CONTOUR INTERVAL = 10 FEET.
3. STATIC WATER LEVELS MESURED ON APRIL 19, 2007.
4. GROUNDWATER CONTOURS BASED ON LINEAR INTERPOLATION FROM KNOWN DATA, TOPOGRAPHIC CONTOURS, AND EXTRAPOLATION FROM KNOWN FIELD CONDITIONS. THEREFORE GROUNDWATER CONTOURS MAY NOT REFLECT ACTUAL CONDITIONS.

LEGEND

- EXISTING 5 FT. CONTOUR — 660 —
- EXISTING 2 FT. CONTOUR
- PROPOSED FACILITY BOUNDARY
- PERMITTED FACILITY BOUNDARY
- CELL BOUNDARY
- STREAM
- EXISTING TREELINE
- GROUNDWATER SURFACE CONTOURS (FEET ABOVE SEA LEVEL) — 625 —
- GROUNDWATER FLOW DIRECTION WITH GRADIENT CALCULATION SEGMENT
- EXISTING ROAD
- ACCESS ROAD
- POSSIBLE DIKE
- SEGMENT USED FOR GRADIENT CALCULATIONS — i_2
- COMPLIANCE WELL LOCATION — MW-1
- PIEZOMETER LOCATIONS — P-5
- BORING LOCATIONS — B-5
- CORING LOCATIONS — C-3 OR TW-2
- SURVEYED PIEZOMETER/WELL LOCATION AND IDENTIFICATION WITH GROUND SURFACE ELEVATION — P-28 GS=610.36
- RESIDENTIAL WELL LOCATION — WW-1 608.83

GRAPHIC SCALE
0 100 200 400
(FEET)

DATE	REVISIONS AND RECORD OF ISSUE	NO	BY	CK	APP

DESIGNED JJK
DRAWN CADD/JJK
CHECKED VB
APPROVED VB
DATE 5/22/07

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GREENSBORO, NC 27407
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COBLE'S SANDROCK
KIMESVILLE, NORTH CAROLINA

GROUNDWATER ELEVATION CONTOUR MAP

APRIL 19, 2007

PROJECT NO.
419.00.28

SCALE
1"=200'

DRAWING NO.
DH-1

L:\Coble Sandrock\dwg\Part A 05\Groundwater Contours April 2007.dwg