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):

Municipal Engineering Services Co., P.A. (MESCO)

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

Name: Jonathan Pfohl Phone: (919) 772-5393

E-mail: jpfohl@mesco.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Alexander Co. Closed MSWLF and Active C&D Landfill	2500 Payne Dairy Road Taylorsville, NC 28681	02-01	.1600	June 19, 20, & 23, 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.

Jonathan Pfohl — Facility Representative Name (Print)

Environmental Specialist — Title

(919) 772-5393 — (Area Code) Telephone Number

Signature

12/3/08 — Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

Revised 01/2007

Semi-Annual Groundwater Sampling and Analysis Report

Prepared for

Alexander County Closed MSWLF and Active C&D Landfill
Taylorsville, North Carolina

June, 2008

Permit Number: 02-01
MESCO Project Number: G08003.0

Completed on December 2, 2008

Municipal Services Garner, NC
Engineering Company, P.A. Boone, NC
Municipal Engineering Services Company, P.A.
Garner, Boone and Morehead City, North Carolina

OPERATION/CONSTRUCTION MANAGERS

CIVIL/SANITARY ENGINEERS

Municipal Services

Engineering Company, P.A.

December 3, 2008

Ms. Jaclynne Drummond
Solid Waste Section
Division of Waste Management
North Carolina Department of Environment and Natural Resources
401 Oberlin Road, Suite 150
Raleigh, NC 27605

Re: Groundwater Assessment Monitoring Sampling and Analysis
Alexander County Closed MSWLF and active C&D Landfill
Permit No. 02-01 MESCO Project No. G08003.0

Dear Ms. Drummond:

The ground and surface water surrounding the Alexander County Closed MSWLF and active C&D landfill was sampled by Municipal Engineering Services Company, P.A. (MESCO) on June 19, 20, & 23 2008 as part of the routine semi-annual assessment monitoring program. All of the monitoring locations contained in the sampling and analysis plan (SAP) were sampled with the exception of MW-1A, SW-3, and MW-8. Monitoring well MW-1A and SW-3 have been found to be chronically dry and MW-8 was damaged beyond repair prior to December 2007 thus was properly abandoned. The additional eleven monitoring wells (MW-16, MW-18-MW-27) installed in December 2007 for the Assessment of Corrective Measures (ACM) report were also sampled during this event. All of the monitoring locations were analyzed for the complete Appendix I list of metals and VOCs. Water samples obtained from MW-1, MW-1B, MW-2, MW-14, MW-15, MW-16, MW-17, and MW-24 were also analyzed for the Appendix II heavy metal mercury. Environmental Conservation Laboratories, Inc. (ENCO) of Cary, North Carolina completed the lab analyses, the results of which are included herein.

All detected constituents were analyzed for regulatory exceedance with reference to the North Carolina Groundwater Standards (NCGW2L). The analysis was completed and reported to the Method Detection Limit (MDL) with reference to the Solid Waste Section Limits (SWSL) and Groundwater Protection Limits (GWP). The results are shown in the enclosed tables titled "Detection Scan". Two separate detection scans are attached. One detection scan depicts all detections found above the MDL and the other shows only the parameters detected above the NCGW2L, GWP and the SWSL. The following table summarize those constituents that exceeded the SWSL and the NCGW2L Standard.

Table 1. Exceedance Summary (Metals & VOCs)

Well	Mercury	Benzene	1,4-DCB	PCE	TCE	VCM
MW-1		x	x			
MW-1B	x	x	x			
MW-2	x	x	x			x
MW-3		x	x			x
MW-4R		x	x			
MW-5		x				
MW-6						
MW-7		x	x			
MW-11		x	x			x
MW-12		x	x	x		
MW-14			x			
MW-16		x	x	x	x	
MW-17		x				
MW-24			x			
MW-26		x	x			

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PO Box 828, Morehead City, NC 28557 (252) 726-9481 PO Box 349, Boone, North Carolina 28607 (828) 262-1767

Inorganic constituents continue to be detected within several of the monitoring locations with only the Appendix II metal mercury found within MW-1B and MW-2 in a concentration above the NCGW2L. None of the detected metals were found in concentrations outside of their historical levels and an increasing trend is not evident. Metals are known to be naturally inherent in the groundwater and it is very unlikely that leachate is the source of the Appendix I inorganics found within the aquifer.

Known leachate plumes continue to migrate from all portions of the closed landfill with the exception of the far west corner monitored by MW-13. Dissolved Volatile Organic Compounds (VOCs) were found in quantifiable concentrations (>SWSL) within 16 of the 30 monitoring locations. Contamination primarily consists of several finger plumes extending toward the drainage areas. The aquifer north east and hydrologically upgradient of the waste limit monitored by MW-1 and MW-1B may be impacted due to the dissolved VOCs migrating along preferential pathways in the vadose zone which may be accelerated and/or contributed in a northern direction through advection and diffusion of the LFG originating from the closed landfill. All of the VOC detections within all the other wells surrounding the facility may likely be attributed to leachate migration from the landfill either through downward migration beneath the landfill and or overland storm events.

The detected VOCs continue to be primarily low level dissolved chlorinated aliphatic compounds such as 1,1-dichloroethane and it's isomer cis-1,2-Dichloroethene. Aromatic hydrocarbons including benzene and 1,4-dichlorobenzene also continue to be detected above the NCGW2L Standard within most of the monitoring wells. As shown in the enclosed charts all parameters were found in concentrations below their respective historical levels. Of the 30 VOC parameters detected above the SWSL and the NCGW2L approximately ½ were found above and ½ below their respective historical moving average further indicating that VOC concentrations in general have not increased during this event. It is important to note that the decrease in the detection limits is directly responsible for the proliferation of low level VOC detections which would have not been quantifiable in historical sampling events.

MESCO submitted the required Corrective Action Plan (CAP) report to the Section in September 2008. The report concludes reduction of the low level contamination can be achieved through stream dilution, active methane extraction, and phytoremediation. The County intends on purchasing the adjoining properties associated with the plume fingers near MW-16 and MW-1B which will allow for the expansion of the relevant point of compliance as well as allowing Alexander County to control all property associated with the plume migration patterns. There is no indication that the contamination would reach the new relative point of compliance within a reasonable time period. Institutional controls limit access to the site and the source area has been capped to limit further infiltration.

MESCO completed the required potentiometric map with groundwater elevations on the day of sampling. The field data sheet and Chain of Custody sheets have also been included. The facility will continue assessment monitoring and will be sampled for the complete Appendix I list of constituents at a minimum in December 2008. If you have any questions or comments regarding this report, please contact me at (919) 772-5393 or by email at jpfohl@mesco.com.

Sincerely,
MUNICIPAL ENGINEERING SERVICES CO., P.A.

Jonathan Pfohl

Environmental Specialist

Enclosures
cc: Mr. Josh Mitchell
Alexander County

Detection Scan All Detections above SWSL, GWP or NCGW2L
Alexander County Closed MSWLF and Active C&D Landfill

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [4]	SWSL [2]	NCGW2L [3]	GWP[5]	Exceedance	Preliminary Cause
MW-1	**1,4-Dichlorobenzene**	**6/20/08**	**3.2**	**ug/L**	**0.20**	**1**	**1.4**		**1.8**	**Leachate &/or LFG**
MW-1	**Benzene**	**6/20/08**	**4**	**ug/L**	**0.20**	**1**	**1**		**3**	**Leachate &/or LFG**
MW-1	cis-1,2-Dichloroethene	6/20/08	8	ug/L	0.30	5	70			
MW-1	**Cobalt**	**6/20/08**	**30.2**	**ug/L**	**1.1**	**10**		**2**	**28.2**	**Natural**
MW-1	Zinc	6/20/08	39.1	ug/L	3.8	10	1050			
MW-1B	**1,4-Dichlorobenzene**	**6/20/08**	**2.1**	**ug/L**	**0.20**	**1**	**1.4**		**0.7**	**Leachate &/or LFG**
MW-1B	**Benzene**	**6/20/08**	**1.7**	**ug/L**	**0.20**	**1**	**1**		**0.7**	**Leachate &/or LFG**
MW-1B	cis-1,2-Dichloroethene	6/20/08	5	ug/L	0.30	5	70			
MW-1B	**Cobalt**	**6/20/08**	**56.8**	**ug/L**	**1.1**	**10**		**2**	**54.8**	**Natural**
MW-1B	**Mercury**	**6/20/08**	**1.11**	**ug/L**	**0.11**	**0.2**	**1.1**		**0.01**	**Leachate &/or LFG**
MW-1B	Methylene chloride	6/20/08	2.6	ug/L	0.24	1	4.6			
MW-1B	Xylenes (Total)	6/20/08	6.8	ug/L	0.40	5	530			
MW-1B	Zinc	6/20/08	20	ug/L	3.8	10	1050			
MW-2	**1,4-Dichlorobenzene**	**6/19/08**	**4.8**	**ug/L**	**0.20**	**1**	**1.4**		**3.4**	**Leachate**
MW-2	Barium	6/19/08	136	ug/L	0.20	100	2000			
MW-2	**Benzene**	**6/19/08**	**1.9**	**ug/L**	**0.20**	**1**	**1**		**0.9**	**Leachate**
MW-2	cis-1,2-Dichloroethene	6/19/08	15	ug/L	0.30	5	70			
MW-2	**Cobalt**	**6/19/08**	**503**	**ug/L**	**2.0**	**10**		**2**	**501**	**Natural**
MW-2	**Mercury**	**6/19/08**	**3.58**	**ug/L**	**0.11**	**0.2**	**1.1**		**2.48**	**Leachate &/or LFG**
MW-2	Trichloroethene	6/19/08	1	ug/L	0.25	1	2.8			
MW-2	**Vinyl chloride**	**6/19/08**	**0.51**	**ug/L**	**0.30**	**1**	**0.015**		**0.495**	**Leachate**
MW-2	Zinc	6/19/08	89.3	ug/L	1.0	10	1050			
MW-3	**1,4-Dichlorobenzene**	**6/20/08**	**7**	**ug/L**	**0.20**	**1**	**1.4**		**5.6**	**Leachate**
MW-3	**Benzene**	**6/20/08**	**6.7**	**ug/L**	**0.20**	**1**	**1**		**5.7**	**Leachate**
MW-3	cis-1,2-Dichloroethene	6/20/08	9.6	ug/L	0.30	5	70			
MW-3	**Cobalt**	**6/20/08**	**8.3**	**ug/L**	**2.0**	**10**		**2**	**6.3**	**Natural**
MW-3	Ethylbenzene	6/20/08	2	ug/L	0.20	1	550			
MW-3	Toluene	6/20/08	1.5	ug/L	0.20	1	1000			
MW-3	Trichloroethene	6/20/08	1.4	ug/L	0.25	1	2.8			
MW-3	**Vinyl chloride**	**6/20/08**	**0.93**	**ug/L**	**0.30**	**1**	**0.015**		**0.915**	**Leachate**
MW-3	Xylenes (Total)	6/20/08	13	ug/L	0.40	5	530			
MW-3	Zinc	6/20/08	13.1	ug/L	1.0	10	1050			
MW-4R	1,1-Dichloroethane	6/19/08	5.9	ug/L	0.33	5	70			
MW-4R	**1,4-Dichlorobenzene**	**6/19/08**	**3.3**	**ug/L**	**0.20**	**1**	**1.4**		**1.9**	**Leachate**
MW-4R	Barium	6/19/08	115	ug/L	0.20	100	2000			
MW-4R	**Benzene**	**6/19/08**	**1.1**	**ug/L**	**0.20**	**1**	**1**		**0.1**	**Leachate**
MW-4R	cis-1,2-Dichloroethene	6/19/08	14	ug/L	0.30	5	70			
MW-4R	**Cobalt**	**6/19/08**	**146**	**ug/L**	**2.0**	**10**		**2**	**144**	**Natural**
MW-5	1,4-Dichlorobenzene	6/20/08	1.4	ug/L	0.20	1	1.4			
MW-5	**Benzene**	**6/20/08**	**3.3**	**ug/L**	**0.20**	**1**	**1**		**2.3**	**Leachate &/or LFG**
MW-5	cis-1,2-Dichloroethene	6/20/08	8.2	ug/L	0.30	5	70			
MW-5	Zinc	6/20/08	10.9	ug/L	3.8	10	1050			
MW-6	**Cobalt**	**6/19/08**	**19.3**	**ug/L**	**2.0**	**10**		**2**	**17.3**	**Natural**
MW-6	Zinc	6/19/08	16.5	ug/L	1.0	10	1050			
MW-7	**1,4-Dichlorobenzene**	**6/20/08**	**2**	**ug/L**	**0.20**	**1**	**1.4**		**0.6**	**Leachate**
MW-7	**Benzene**	**6/20/08**	**4.1**	**ug/L**	**0.20**	**1**	**1**		**3.1**	**Leachate**

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [4]	SWSL [2]	NCGW2L [3]	GWP[5]	Exceedance	Preliminary Cause
MW-7	cis-1,2-Dichloroethene	6/20/08	6.4	ug/L	0.30	5	70			
MW-9	Barium	6/19/08	119	ug/L	0.20	100	2000			
MW-9	cis-1,2-Dichloroethene	6/19/08	13	ug/L	0.30	5	70			
MW-9	**Cobalt**	**6/19/08**	**16.5**	**ug/L**	**2.0**	**10**		**2**	**14.5**	**Natural**
MW-11	**1,1,2,2-Tetrachloroethane**	**6/20/08**	**0.98**	**ug/L**	**0.33**	**3**		**0.18**	**0.8**	**Leachate**
MW-11	**1,4-Dichlorobenzene**	**6/20/08**	**7.9**	**ug/L**	**0.20**	**1**	**1.4**		**6.5**	**Leachate**
MW-11	Barium	6/20/08	181	ug/L	0.20	100	2000			
MW-11	**Benzene**	**6/20/08**	**3.5**	**ug/L**	**0.20**	**1**	**1**		**2.5**	**Leachate**
MW-11	cis-1,2-Dichloroethene	6/20/08	34	ug/L	0.30	5	70			
MW-11	**Cobalt**	**6/20/08**	**98.9**	**ug/L**	**2.0**	**10**		**2**	**96.9**	**Natural**
MW-11	Methylene chloride	6/20/08	1.9	ug/L	0.24	1	4.6			
MW-11	**Vinyl chloride**	**6/20/08**	**0.6**	**ug/L**	**0.30**	**1**	**0.015**		**0.585**	**Leachate**
MW-11	Zinc	6/20/08	54	ug/L	1.0	10	1050			
MW-12	**1,4-Dichlorobenzene**	**6/20/08**	**7.4**	**ug/L**	**0.20**	**1**	**1.4**		**6**	**Leachate**
MW-12	**Benzene**	**6/20/08**	**6.4**	**ug/L**	**0.20**	**1**	**1**		**5.4**	**Leachate**
MW-12	cis-1,2-Dichloroethene	6/20/08	11	ug/L	0.30	5	70			
MW-12	**Cobalt**	**6/20/08**	**3.3**	**ug/L**	**2.0**	**10**		**2**	**1.3**	**Natural**
MW-12	Methylene chloride	6/20/08	1.8	ug/L	0.24	1	4.6			
MW-12	**Tetrachloroethene**	**6/20/08**	**1**	**ug/L**	**0.36**	**1**	**0.7**		**0.3**	**Leachate**
MW-12	Trichloroethene	6/20/08	2.2	ug/L	0.25	1	2.8			
MW-12D	**Bromodichloromethane**	**6/20/08**	**0.77**	**ug/L**	**0.20**	**1**	**0.56**		**0.21**	**Leachate**
MW-12D	Chloroform	6/20/08	6.4	ug/L	0.20	5	70			
MW-12D	Methylene chloride	6/20/08	2.4	ug/L	0.24	1	4.6			
MW-12D	Zinc	6/20/08	149	ug/L	1.0	10	1050			
MW-13	**Cobalt**	**6/19/08**	**3.5**	**ug/L**	**2.0**	**10**		**2**	**1.5**	**Natural**
MW-13	Zinc	6/19/08	13	ug/L	1.0	10	1050			
MW-14	**1,4-Dichlorobenzene**	**6/19/08**	**4**	**ug/L**	**0.20**	**1**	**1.4**		**2.6**	**Leachate**
MW-14	Barium	6/19/08	102	ug/L	0.20	100	2000			
MW-14	cis-1,2-Dichloroethene	6/19/08	13	ug/L	0.30	5	70			
MW-14	**Cobalt**	**6/19/08**	**218**	**ug/L**	**2.0**	**10**		**2**	**216**	**Natural**
MW-14	Zinc	6/19/08	15.7	ug/L	1.0	10	1050			
MW-16	1,1-Dichloroethane	6/20/08	13	ug/L	0.33	5	70			
MW-16	**1,2-Dichloropropane**	**6/20/08**	**0.9**	**ug/L**	**0.20**	**1**	**0.51**		**0.39**	**Leachate &/or LFG**
MW-16	**1,4-Dichlorobenzene**	**6/20/08**	**1.8**	**ug/L**	**0.20**	**1**	**1.4**		**0.4**	**Leachate &/or LFG**
MW-16	**Benzene**	**6/20/08**	**3.2**	**ug/L**	**0.20**	**1**	**1**		**2.2**	**Leachate &/or LFG**
MW-16	cis-1,2-Dichloroethene	6/20/08	12	ug/L	0.30	5	70			
MW-16	**Cobalt**	**6/20/08**	**12**	**ug/L**	**1.1**	**10**		**2**	**10**	**Natural**
MW-16	Mercury	6/20/08	0.45	ug/L	0.11	0.2	1.1			
MW-16	Methylene chloride	6/20/08	3.2	ug/L	0.24	1	4.6			
MW-16	**Tetrachloroethene**	**6/20/08**	**2.4**	**ug/L**	**0.36**	**1**	**0.7**		**1.7**	**Leachate &/or LFG**
MW-16	**Trichloroethene**	**6/20/08**	**3.5**	**ug/L**	**0.25**	**1**	**2.8**		**0.7**	**Leachate &/or LFG**
MW-16	Zinc	6/20/08	10.6	ug/L	3.8	10	1050			
MW-17	**Cobalt**	**6/19/08**	**21.1**	**ug/L**	**2.0**	**10**		**2**	**19.1**	**Natural**
MW-17	Mercury	6/19/08	0.29	ug/L	0.11	0.2	1.1			
MW-18	Chromium	6/23/08	16.1	ug/L	1.0	10	50			
MW-18	**Cobalt**	**6/23/08**	**17.3**	**ug/L**	**1.1**	**10**		**2**	**15.3**	**Natural**
MW-18	Copper	6/23/08	39.5	ug/L	1.60	10	1000			
MW-18	**Vanadium**	**6/23/08**	**27.4**	**ug/L**	**1.4**	**25**		**25**	**27.4**	**Natural**
MW-18	Zinc	6/23/08	39.9	ug/L	3.8	10	1050			

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [4]	SWSL [2]	NCGW2L [3]	GWP[5]	Exceedance	Preliminary Cause
MW-19	**Vanadium**	**6/23/08**	**1.3**	**ug/L**	**1.0**	**25**		**25**	**1.3**	**Natural**
MW-20	Chromium	6/23/08	11.4	ug/L	1.0	10	50			
MW-20	**Cobalt**	**6/23/08**	**2.6**	**ug/L**	**1.1**	**10**		**2**	**0.6**	**Natural**
MW-20	**Vanadium**	**6/23/08**	**11.6**	**ug/L**	**1.4**	**25**		**25**	**11.6**	**Natural**
MW-20	Zinc	6/23/08	18.9	ug/L	3.8	10	1050			
MW-21	**Cobalt**	**6/23/08**	**3.8**	**ug/L**	**1.1**	**10**		**2**	**1.8**	**Natural**
MW-23	**Cobalt**	**6/20/08**	**8.5**	**ug/L**	**1.1**	**10**		**2**	**6.5**	**Natural**
MW-23	**Vanadium**	**6/20/08**	**2.1**	**ug/L**	**1.4**	**25**		**25**	**2.1**	**Natural**
MW-24	**1,4-Dichlorobenzene**	**6/20/08**	**2.2**	**ug/L**	**0.20**	**1**	**1.4**		**0.8**	**Leachate**
MW-24	**Cobalt**	**6/20/08**	**34.4**	**ug/L**	**2.0**	**10**		**2**	**32.4**	**Natural**
MW-25	Barium	6/23/08	112	ug/L	1.00	100	2000			
MW-25	Chromium	6/23/08	31.6	ug/L	1.0	10	50			
MW-25	**Cobalt**	**6/23/08**	**4.9**	**ug/L**	**1.1**	**10**		**2**	**2.9**	**Natural**
MW-25	**Vanadium**	**6/23/08**	**17.3**	**ug/L**	**1.4**	**25**		**25**	**17.3**	**Natural**
MW-25	Zinc	6/23/08	23.1	ug/L	3.8	10	1050			
MW-26	**1,4-Dichlorobenzene**	**6/20/08**	**2.4**	**ug/L**	**0.20**	**1**	**1.4**		**1**	**Leachate**
MW-26	**Benzene**	**6/20/08**	**1.6**	**ug/L**	**0.20**	**1**	**1**		**0.6**	**Leachate**
MW-26	cis-1,2-Dichloroethene	6/20/08	27	ug/L	0.30	5	70			
MW-26	**Cobalt**	**6/20/08**	**28.9**	**ug/L**	**2.0**	**10**		**2**	**26.9**	**Natural**
MW-26	Zinc	6/20/08	18.9	ug/L	1.0	10	1050			
MW-27	cis-1,2-Dichloroethene	6/20/08	14	ug/L	0.30	5	70			
SW-4R	**Vanadium**	**6/20/08**	**2.1**	**ug/L**	**1.4**	**25**		**25**	**2.1**	**Natural**
SW-5	**Cobalt**	**6/19/08**	**15.7**	**ug/L**	**2.0**	**10**		**2**	**13.7**	**Natural**
EB	Methylene chloride	6/19/08	2.2	ug/L	0.24	1	4.6			
FB	Methylene chloride	6/19/08	2.2	ug/L	0.24	1	4.6			

[1] Table only contains detected constituents

[2] SWSL = Solid Waste Section Reporting Limit (Current as of Sampling Event)

[3] NCGW2L = North Carolina Ground Water 2L Standard

[4] MDL = Method Detection Limit

[4] GWP = Groundwater Protection Standard (Current as of Sampling Event)

LFG = Landfill Gas

Detection Scan All Detections above MDL
Alexander County Closed MSWLF and Active C&D Landfill

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [4]	SWSL [2]	NCGW2L [3]	GWP[5]	Exceedance	Preliminary Cause
MW-1	1,1-Dichloroethane	6/20/08	1.6	ug/L	0.33	5	70			
MW-1	**1,4-Dichlorobenzene**	**6/20/08**	**3.2**	**ug/L**	**0.20**	**1**	**1.4**		**1.8**	**Leachate &/or LFG**
MW-1	Barium	6/20/08	49.8	ug/L	1.00	100	2000			
MW-1	**Benzene**	**6/20/08**	**4**	**ug/L**	**0.20**	**1**	**1**		**3**	**Leachate &/or LFG**
MW-1	Carbon disulfide	6/20/08	0.44	ug/L	0.40	100	700			
MW-1	cis-1,2-Dichloroethene	6/20/08	8	ug/L	0.30	5	70			
MW-1	**Cobalt**	**6/20/08**	**30.2**	**ug/L**	**1.1**	**10**		**2**	**28.2**	**Natural**
MW-1	Lead	6/20/08	2.7	ug/L	1.9	10	15			
MW-1	Mercury	6/20/08	0.11	ug/L	0.11	0.2	1.1			
MW-1	Nickel	6/20/08	11.9	ug/L	1.8	50	100			
MW-1	Thallium	6/20/08	0.046	ug/L	0.036	5.5		2000		
MW-1	Xylenes (Total)	6/20/08	0.4	ug/L	0.40	5	530			
MW-1	Zinc	6/20/08	39.1	ug/L	3.8	10	1050			
MW-1B	1,1-Dichloroethane	6/20/08	1.8	ug/L	0.33	5	70			
MW-1B	**1,4-Dichlorobenzene**	**6/20/08**	**2.1**	**ug/L**	**0.20**	**1**	**1.4**		**0.7**	**Leachate &/or LFG**
MW-1B	Barium	6/20/08	78.9	ug/L	1.00	100	2000			
MW-1B	**Benzene**	**6/20/08**	**1.7**	**ug/L**	**0.20**	**1**	**1**		**0.7**	**Leachate &/or LFG**
MW-1B	Carbon disulfide	6/20/08	0.44	ug/L	0.40	100	700			
MW-1B	cis-1,2-Dichloroethene	6/20/08	5	ug/L	0.30	5	70			
MW-1B	**Cobalt**	**6/20/08**	**56.8**	**ug/L**	**1.1**	**10**		**2**	**54.8**	**Natural**
MW-1B	Ethylbenzene	6/20/08	0.69	ug/L	0.20	1	550			
MW-1B	**Mercury**	**6/20/08**	**1.11**	**ug/L**	**0.11**	**0.2**	**1.1**		**0.01**	**Leachate &/or LFG**
MW-1B	Methylene chloride	6/20/08	2.6	ug/L	0.24	1	4.6			
MW-1B	Nickel	6/20/08	6.5	ug/L	1.8	50	100			
MW-1B	Thallium	6/20/08	0.132	ug/L	0.036	5.5		2000		
MW-1B	Xylenes (Total)	6/20/08	6.8	ug/L	0.40	5	530			
MW-1B	Zinc	6/20/08	20	ug/L	3.8	10	1050			
MW-2	1,1-Dichloroethane	6/19/08	1.7	ug/L	0.33	5	70			
MW-2	**1,4-Dichlorobenzene**	**6/19/08**	**4.8**	**ug/L**	**0.20**	**1**	**1.4**		**3.4**	**Leachate**
MW-2	Acetone	6/19/08	17	ug/L	0.62	100	700			
MW-2	Barium	6/19/08	136	ug/L	0.20	100	2000			
MW-2	**Benzene**	**6/19/08**	**1.9**	**ug/L**	**0.20**	**1**	**1**		**0.9**	**Leachate**
MW-2	Chlorobenzene	6/19/08	1.7	ug/L	0.27	3	50			
MW-2	Chloroethane	6/19/08	4	ug/L	0.30	10	2800			
MW-2	cis-1,2-Dichloroethene	6/19/08	15	ug/L	0.30	5	70			
MW-2	**Cobalt**	**6/19/08**	**503**	**ug/L**	**2.0**	**10**		**2**	**501**	**Natural**
MW-2	**Mercury**	**6/19/08**	**3.58**	**ug/L**	**0.11**	**0.2**	**1.1**		**2.48**	**Leachate &/or LFG**
MW-2	Thallium	6/19/08	0.262	ug/L	0.036	5.5		2000		
MW-2	Trichloroethene	6/19/08	1	ug/L	0.25	1	2.8			
MW-2	**Vinyl chloride**	**6/19/08**	**0.51**	**ug/L**	**0.30**	**1**	**0.015**		**0.495**	**Leachate**
MW-2	Zinc	6/19/08	89.3	ug/L	1.0	10	1050			
MW-3	1,1-Dichloroethane	6/20/08	0.67	ug/L	0.33	5	70			
MW-3	1,2-Dichlorobenzene	6/20/08	0.44	ug/L	0.27	5	620			
MW-3	**1,4-Dichlorobenzene**	**6/20/08**	**7**	**ug/L**	**0.20**	**1**	**1.4**		**5.6**	**Leachate**
MW-3	Acetone	6/20/08	8.2	ug/L	0.62	100	700			
MW-3	Barium	6/20/08	43.6	ug/L	0.20	100	2000			

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [4]	SWSL [2]	NCGW2L [3]	GWP[5]	Exceedance	Preliminary Cause
MW-3	**Benzene**	**6/20/08**	**6.7**	**ug/L**	**0.20**	**1**	**1**		**5.7**	**Leachate**
MW-3	Chlorobenzene	6/20/08	0.98	ug/L	0.27	3	50			
MW-3	cis-1,2-Dichloroethene	6/20/08	9.6	ug/L	0.30	5	70			
MW-3	**Cobalt**	**6/20/08**	**8.3**	**ug/L**	**2.0**	**10**		**2**	**6.3**	**Natural**
MW-3	Ethylbenzene	6/20/08	2	ug/L	0.20	1	550			
MW-3	Lead	6/20/08	3.3	ug/L	2.0	10	15			
MW-3	Nickel	6/20/08	8.5	ug/L	2.0	50	100			
MW-3	Tetrachloroethene	6/20/08	0.55	ug/L	0.36	1	0.7			
MW-3	Toluene	6/20/08	1.5	ug/L	0.20	1	1000			
MW-3	Trichloroethene	6/20/08	1.4	ug/L	0.25	1	2.8			
MW-3	**Vinyl chloride**	**6/20/08**	**0.93**	**ug/L**	**0.30**	**1**	**0.015**		**0.915**	**Leachate**
MW-3	Xylenes (Total)	6/20/08	13	ug/L	0.40	5	530			
MW-3	Zinc	6/20/08	13.1	ug/L	1.0	10	1050			
MW-4R	1,1-Dichloroethane	6/19/08	5.9	ug/L	0.33	5	70			
MW-4R	**1,4-Dichlorobenzene**	**6/19/08**	**3.3**	**ug/L**	**0.20**	**1**	**1.4**		**1.9**	**Leachate**
MW-4R	Barium	6/19/08	115	ug/L	0.20	100	2000			
MW-4R	**Benzene**	**6/19/08**	**1.1**	**ug/L**	**0.20**	**1**	**1**		**0.1**	**Leachate**
MW-4R	Chlorobenzene	6/19/08	1	ug/L	0.27	3	50			
MW-4R	Chloroethane	6/19/08	3.5	ug/L	0.30	10	2800			
MW-4R	cis-1,2-Dichloroethene	6/19/08	14	ug/L	0.30	5	70			
MW-4R	**Cobalt**	**6/19/08**	**146**	**ug/L**	**2.0**	**10**		**2**	**144**	**Natural**
MW-5	1,1-Dichloroethane	6/20/08	4.2	ug/L	0.33	5	70			
MW-5	1,4-Dichlorobenzene	6/20/08	1.4	ug/L	0.20	1	1.4			
MW-5	Barium	6/20/08	67.8	ug/L	1.00	100	2000			
MW-5	**Benzene**	**6/20/08**	**3.3**	**ug/L**	**0.20**	**1**	**1**		**2.3**	**Leachate &/or LFG**
MW-5	Chlorobenzene	6/20/08	0.43	ug/L	0.27	3	50			
MW-5	cis-1,2-Dichloroethene	6/20/08	8.2	ug/L	0.30	5	70			
MW-5	Thallium	6/20/08	0.044	ug/L	0.036	5.5		2000		
MW-5	Trichloroethene	6/20/08	0.67	ug/L	0.25	1	2.8			
MW-5	Zinc	6/20/08	10.9	ug/L	3.8	10	1050			
MW-6	Barium	6/19/08	47.2	ug/L	0.20	100	2000			
MW-6	**Cobalt**	**6/19/08**	**19.3**	**ug/L**	**2.0**	**10**		**2**	**17.3**	**Natural**
MW-6	Copper	6/19/08	3.6	ug/L	0.60	10	1000			
MW-6	Lead	6/19/08	2.1	ug/L	2.0	10	15			
MW-6	Nickel	6/19/08	6.2	ug/L	2.0	50	100			
MW-6	Thallium	6/19/08	0.109	ug/L	0.036	5.5		2000		
MW-6	Zinc	6/19/08	16.5	ug/L	1.0	10	1050			
MW-7	1,1-Dichloroethane	6/20/08	3.3	ug/L	0.33	5	70			
MW-7	**1,4-Dichlorobenzene**	**6/20/08**	**2**	**ug/L**	**0.20**	**1**	**1.4**		**0.6**	**Leachate**
MW-7	Barium	6/20/08	9.2	ug/L	0.20	100	2000			
MW-7	**Benzene**	**6/20/08**	**4.1**	**ug/L**	**0.20**	**1**	**1**		**3.1**	**Leachate**
MW-7	Chlorobenzene	6/20/08	0.74	ug/L	0.27	3	50			
MW-7	cis-1,2-Dichloroethene	6/20/08	6.4	ug/L	0.30	5	70			
MW-7	Trichloroethene	6/20/08	0.8	ug/L	0.25	1	2.8			
MW-9	1,1-Dichloroethane	6/19/08	1.9	ug/L	0.33	5	70			
MW-9	Barium	6/19/08	119	ug/L	0.20	100	2000			
MW-9	cis-1,2-Dichloroethene	6/19/08	13	ug/L	0.30	5	70			
MW-9	**Cobalt**	**6/19/08**	**16.5**	**ug/L**	**2.0**	**10**		**2**	**14.5**	**Natural**
MW-9	Copper	6/19/08	1.3	ug/L	0.60	10	1000			

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [4]	SWSL [2]	NCGW2L [3]	GWP[5]	Exceedance	Preliminary Cause
MW-9	Nickel	6/19/08	32.6	ug/L	2.0	50	100			
MW-10	1,1-Dichloroethane	6/19/08	0.78	ug/L	0.33	5	70			
MW-10	Barium	6/19/08	32	ug/L	0.20	100	2000			
MW-10	cis-1,2-Dichloroethene	6/19/08	2.7	ug/L	0.30	5	70			
MW-10	Zinc	6/19/08	1.2	ug/L	1.0	10	1050			
MW-11	1,1-Dichloroethane	6/20/08	1.5	ug/L	0.33	5	70			
MW-11	**1,1,2,2-Tetrachloroethane**	**6/20/08**	**0.98**	**ug/L**	**0.33**	**3**		**0.18**	**0.8**	**Leachate**
MW-11	**1,4-Dichlorobenzene**	**6/20/08**	**7.9**	**ug/L**	**0.20**	**1**	**1.4**		**6.5**	**Leachate**
MW-11	Barium	6/20/08	181	ug/L	0.20	100	2000			
MW-11	**Benzene**	**6/20/08**	**3.5**	**ug/L**	**0.20**	**1**	**1**		**2.5**	**Leachate**
MW-11	Bromomethane	6/20/08	2.7	ug/L	0.49	10	4.43			
MW-11	Chlorobenzene	6/20/08	2.1	ug/L	0.27	3	50			
MW-11	Chloroethane	6/20/08	2.6	ug/L	0.30	10	2800			
MW-11	cis-1,2-Dichloroethene	6/20/08	34	ug/L	0.30	5	70			
MW-11	**Cobalt**	**6/20/08**	**98.9**	**ug/L**	**2.0**	**10**		**2**	**96.9**	**Natural**
MW-11	Lead	6/20/08	4.3	ug/L	2.0	10	15			
MW-11	Methylene chloride	6/20/08	1.9	ug/L	0.24	1	4.6			
MW-11	Nickel	6/20/08	19.6	ug/L	2.0	50	100			
MW-11	Tetrachloroethene	6/20/08	0.51	ug/L	0.36	1	0.7			
MW-11	Thallium	6/20/08	0.384	ug/L	0.036	5.5		2000		
MW-11	Trichloroethene	6/20/08	0.67	ug/L	0.25	1	2.8			
MW-11	**Vinyl chloride**	**6/20/08**	**0.6**	**ug/L**	**0.30**	**1**	**0.015**		**0.585**	**Leachate**
MW-11	Zinc	6/20/08	54	ug/L	1.0	10	1050			
MW-12	1,1-Dichloroethane	6/20/08	3.6	ug/L	0.33	5	70			
MW-12	**1,4-Dichlorobenzene**	**6/20/08**	**7.4**	**ug/L**	**0.20**	**1**	**1.4**		**6**	**Leachate**
MW-12	Acetone	6/20/08	8	ug/L	0.62	100	700			
MW-12	Barium	6/20/08	89.3	ug/L	0.20	100	2000			
MW-12	**Benzene**	**6/20/08**	**6.4**	**ug/L**	**0.20**	**1**	**1**		**5.4**	**Leachate**
MW-12	Chlorobenzene	6/20/08	1.7	ug/L	0.27	3	50			
MW-12	Chloroethane	6/20/08	1.3	ug/L	0.30	10	2800			
MW-12	cis-1,2-Dichloroethene	6/20/08	11	ug/L	0.30	5	70			
MW-12	**Cobalt**	**6/20/08**	**3.3**	**ug/L**	**2.0**	**10**		**2**	**1.3**	**Natural**
MW-12	Methylene chloride	6/20/08	1.8	ug/L	0.24	1	4.6			
MW-12	**Tetrachloroethene**	**6/20/08**	**1**	**ug/L**	**0.36**	**1**	**0.7**		**0.3**	**Leachate**
MW-12	Thallium	6/20/08	0.075	ug/L	0.036	5.5		2000		
MW-12	Trichloroethene	6/20/08	2.2	ug/L	0.25	1	2.8			
MW-12	Zinc	6/20/08	5.6	ug/L	1.0	10	1050			
MW-12D	1,1-Dichloroethane	6/20/08	0.66	ug/L	0.33	5	70			
MW-12D	Acetone	6/20/08	25	ug/L	0.62	100	700			
MW-12D	Barium	6/20/08	10.5	ug/L	0.20	100	2000			
MW-12D	**Bromodichloromethane**	**6/20/08**	**0.77**	**ug/L**	**0.20**	**1**	**0.56**		**0.21**	**Leachate**
MW-12D	Chloroform	6/20/08	6.4	ug/L	0.20	5	70			
MW-12D	cis-1,2-Dichloroethene	6/20/08	0.49	ug/L	0.30	5	70			
MW-12D	Methylene chloride	6/20/08	2.4	ug/L	0.24	1	4.6			
MW-12D	Zinc	6/20/08	149	ug/L	1.0	10	1050			
MW-13	Barium	6/19/08	20.4	ug/L	0.20	100	2000			
MW-13	**Cobalt**	**6/19/08**	**3.5**	**ug/L**	**2.0**	**10**		**2**	**1.5**	**Natural**
MW-13	Nickel	6/19/08	5.9	ug/L	2.0	50	100			
MW-13	Thallium	6/19/08	0.04	ug/L	0.036	5.5		2000		

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [4]	SWSL [2]	NCGW2L [3]	GWP[5]	Exceedance	Preliminary Cause
MW-13	Zinc	6/19/08	13	ug/L	1.0	10	1050			
MW-14	1,1-Dichloroethane	6/19/08	1.6	ug/L	0.33	5	70			
MW-14	**1,4-Dichlorobenzene**	**6/19/08**	**4**	**ug/L**	**0.20**	**1**	**1.4**		**2.6**	**Leachate**
MW-14	Barium	6/19/08	102	ug/L	0.20	100	2000			
MW-14	Benzene	6/19/08	0.68	ug/L	0.20	1	1			
MW-14	Bromomethane	6/19/08	1.9	ug/L	0.49	10	4.43			
MW-14	Chlorobenzene	6/19/08	1.5	ug/L	0.27	3	50			
MW-14	Chloroethane	6/19/08	3	ug/L	0.30	10	2800			
MW-14	cis-1,2-Dichloroethene	6/19/08	13	ug/L	0.30	5	70			
MW-14	**Cobalt**	**6/19/08**	**218**	**ug/L**	**2.0**	**10**		**2**	**216**	**Natural**
MW-14	Nickel	6/19/08	16.2	ug/L	2.0	50	100			
MW-14	Thallium	6/19/08	0.118	ug/L	0.036	5.5		2000		
MW-14	Trichloroethene	6/19/08	0.66	ug/L	0.25	1	2.8			
MW-14	Zinc	6/19/08	15.7	ug/L	1.0	10	1050			
MW-15	1,1-Dichloroethane	6/19/08	3.2	ug/L	0.33	5	70			
MW-15	Acetone	6/19/08	12	ug/L	0.62	100	700			
MW-15	Barium	6/19/08	16.4	ug/L	0.20	100	2000			
MW-15	Benzene	6/19/08	0.42	ug/L	0.20	1	1			
MW-15	Chloroform	6/19/08	0.48	ug/L	0.20	5	70			
MW-15	cis-1,2-Dichloroethene	6/19/08	3.5	ug/L	0.30	5	70			
MW-15	Mercury	6/19/08	0.12	ug/L	0.11	0.2	1.1			
MW-15	Zinc	6/19/08	2	ug/L	1.0	10	1050			
MW-16	1,1-Dichloroethane	6/20/08	13	ug/L	0.33	5	70			
MW-16	**1,2-Dichloropropane**	**6/20/08**	**0.9**	**ug/L**	**0.20**	**1**	**0.51**		**0.39**	**Leachate &/or LFG**
MW-16	**1,4-Dichlorobenzene**	**6/20/08**	**1.8**	**ug/L**	**0.20**	**1**	**1.4**		**0.4**	**Leachate &/or LFG**
MW-16	Barium	6/20/08	60.5	ug/L	1.00	100	2000			
MW-16	**Benzene**	**6/20/08**	**3.2**	**ug/L**	**0.20**	**1**	**1**		**2.2**	**Leachate &/or LFG**
MW-16	cis-1,2-Dichloroethene	6/20/08	12	ug/L	0.30	5	70			
MW-16	**Cobalt**	**6/20/08**	**12**	**ug/L**	**1.1**	**10**		**2**	**10**	**Natural**
MW-16	Copper	6/20/08	2.1	ug/L	1.60	10	1000			
MW-16	Mercury	6/20/08	0.45	ug/L	0.11	0.2	1.1			
MW-16	Methylene chloride	6/20/08	3.2	ug/L	0.24	1	4.6			
MW-16	Nickel	6/20/08	5.5	ug/L	1.8	50	100			
MW-16	**Tetrachloroethene**	**6/20/08**	**2.4**	**ug/L**	**0.36**	**1**	**0.7**		**1.7**	**Leachate &/or LFG**
MW-16	Thallium	6/20/08	0.154	ug/L	0.036	5.5		2000		
MW-16	**Trichloroethene**	**6/20/08**	**3.5**	**ug/L**	**0.25**	**1**	**2.8**		**0.7**	**Leachate &/or LFG**
MW-16	Xylenes (Total)	6/20/08	2.2	ug/L	0.40	5	530			
MW-16	Zinc	6/20/08	10.6	ug/L	3.8	10	1050			
MW-17	1,1-Dichloroethane	6/19/08	3.5	ug/L	0.33	5	70			
MW-17	Acetone	6/19/08	13	ug/L	0.62	100	700			
MW-17	Barium	6/19/08	40.6	ug/L	0.20	100	2000			
MW-17	cis-1,2-Dichloroethene	6/19/08	2.9	ug/L	0.30	5	70			
MW-17	**Cobalt**	**6/19/08**	**21.1**	**ug/L**	**2.0**	**10**		**2**	**19.1**	**Natural**
MW-17	Copper	6/19/08	3	ug/L	0.60	10	1000			
MW-17	Lead	6/19/08	5.4	ug/L	2.0	10	15			
MW-17	Mercury	6/19/08	0.29	ug/L	0.11	0.2	1.1			
MW-17	Nickel	6/19/08	3	ug/L	2.0	50	100			
MW-17	Thallium	6/19/08	0.057	ug/L	0.036	5.5		2000		
MW-17	Trichloroethene	6/19/08	0.57	ug/L	0.25	1	2.8			

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [4]	SWSL [2]	NCGW2L [3]	GWP[5]	Exceedance	Preliminary Cause
MW-17	Zinc	6/19/08	5.1	ug/L	1.0	10	1050			
MW-18	Barium	6/23/08	66.7	ug/L	1.00	100	2000			
MW-18	Chromium	6/23/08	16.1	ug/L	1.0	10	50			
MW-18	**Cobalt**	**6/23/08**	**17.3**	**ug/L**	**1.1**	**10**		**2**	**15.3**	**Natural**
MW-18	Copper	6/23/08	39.5	ug/L	1.60	10	1000			
MW-18	Lead	6/23/08	3.9	ug/L	1.9	10	15			
MW-18	Nickel	6/23/08	18.2	ug/L	1.8	50	100			
MW-18	Thallium	6/23/08	0.374	ug/L	0.036	5.5		2000		
MW-18	**Vanadium**	**6/23/08**	**27.4**	**ug/L**	**1.4**	**25**		**25**	**27.4**	**Natural**
MW-18	Zinc	6/23/08	39.9	ug/L	3.8	10	1050			
MW-19	Barium	6/23/08	17	ug/L	0.20	100	2000			
MW-19	Nickel	6/23/08	2.4	ug/L	2.0	50	100			
MW-19	**Vanadium**	**6/23/08**	**1.3**	**ug/L**	**1.0**	**25**		**25**	**1.3**	**Natural**
MW-20	1,1-Dichloroethane	6/23/08	0.77	ug/L	0.33	5	70			
MW-20	Arsenic	6/23/08	3.1	ug/L	2.8	10	50			
MW-20	Barium	6/23/08	90.7	ug/L	1.00	100	2000			
MW-20	Beryllium	6/23/08	0.1	ug/L	0.10	1		2		
MW-20	Chromium	6/23/08	11.4	ug/L	1.0	10	50			
MW-20	**Cobalt**	**6/23/08**	**2.6**	**ug/L**	**1.1**	**10**		**2**	**0.6**	**Natural**
MW-20	Copper	6/23/08	9.7	ug/L	1.60	10	1000			
MW-20	Lead	6/23/08	4	ug/L	1.9	10	15			
MW-20	Nickel	6/23/08	10.4	ug/L	1.8	50	100			
MW-20	Thallium	6/23/08	0.125	ug/L	0.036	5.5		2000		
MW-20	**Vanadium**	**6/23/08**	**11.6**	**ug/L**	**1.4**	**25**		**25**	**11.6**	**Natural**
MW-20	Zinc	6/23/08	18.9	ug/L	3.8	10	1050			
MW-21	1,1-Dichloroethane	6/23/08	1.8	ug/L	0.33	5	70			
MW-21	Barium	6/23/08	45.2	ug/L	1.00	100	2000			
MW-21	Benzene	6/23/08	0.42	ug/L	0.20	1	1			
MW-21	cis-1,2-Dichloroethene	6/23/08	1.4	ug/L	0.30	5	70			
MW-21	**Cobalt**	**6/23/08**	**3.8**	**ug/L**	**1.1**	**10**		**2**	**1.8**	**Natural**
MW-21	Methylene chloride	6/23/08	0.91	ug/L	0.24	1	4.6			
MW-21	Nickel	6/23/08	3.1	ug/L	1.8	50	100			
MW-21	Thallium	6/23/08	0.057	ug/L	0.036	5.5		2000		
MW-21	Trichloroethene	6/23/08	0.44	ug/L	0.25	1	2.8			
MW-21	Zinc	6/23/08	4.3	ug/L	3.8	10	1050			
MW-22	Barium	6/23/08	44.4	ug/L	1.00	100	2000			
MW-22	Cobalt	6/23/08	1.3	ug/L	1.1	10		2		
MW-22	Nickel	6/23/08	1.9	ug/L	1.8	50	100			
MW-22	Thallium	6/23/08	0.045	ug/L	0.036	5.5		2000		
MW-22	Zinc	6/23/08	6.2	ug/L	3.8	10	1050			
MW-23	1,1-Dichloroethane	6/20/08	0.73	ug/L	0.33	5	70			
MW-23	Arsenic	6/20/08	4.4	ug/L	2.8	10	50			
MW-23	Barium	6/20/08	58.2	ug/L	1.00	100	2000			
MW-23	Beryllium	6/20/08	0.2	ug/L	0.10	1		2		
MW-23	Chromium	6/20/08	4.3	ug/L	1.0	10	50			
MW-23	cis-1,2-Dichloroethene	6/20/08	4.2	ug/L	0.30	5	70			
MW-23	**Cobalt**	**6/20/08**	**8.5**	**ug/L**	**1.1**	**10**		**2**	**6.5**	**Natural**
MW-23	Copper	6/20/08	2.6	ug/L	1.60	10	1000			
MW-23	Nickel	6/20/08	7.5	ug/L	1.8	50	100			

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [4]	SWSL [2]	NCGW2L [3]	GWP[5]	Exceedance	Preliminary Cause
MW-23	Thallium	6/20/08	0.07	ug/L	0.036	5.5		2000		
MW-23	**Vanadium**	**6/20/08**	**2.1**	**ug/L**	**1.4**	**25**		**25**	**2.1**	**Natural**
MW-23	Zinc	6/20/08	7.9	ug/L	3.8	10	1050			
MW-24	1,1-Dichloroethane	6/20/08	0.92	ug/L	0.33	5	70			
MW-24	**1,4-Dichlorobenzene**	**6/20/08**	**2.2**	**ug/L**	**0.20**	**1**	**1.4**		**0.8**	**Leachate**
MW-24	Barium	6/20/08	84.8	ug/L	0.20	100	2000			
MW-24	cis-1,2-Dichloroethene	6/20/08	4.7	ug/L	0.30	5	70			
MW-24	**Cobalt**	**6/20/08**	**34.4**	**ug/L**	**2.0**	**10**		**2**	**32.4**	**Natural**
MW-24	Mercury	6/20/08	0.16	ug/L	0.11	0.2	1.1			
MW-24	Nickel	6/20/08	2.2	ug/L	2.0	50	100			
MW-24	Thallium	6/20/08	0.082	ug/L	0.036	5.5		2000		
MW-24	Zinc	6/20/08	7.7	ug/L	1.0	10	1050			
MW-25	1,1-Dichloroethane	6/23/08	2.2	ug/L	0.33	5	70			
MW-25	1,4-Dichlorobenzene	6/23/08	0.66	ug/L	0.20	1	1.4			
MW-25	Barium	6/23/08	112	ug/L	1.00	100	2000			
MW-25	Benzene	6/23/08	0.62	ug/L	0.20	1	1			
MW-25	Chromium	6/23/08	31.6	ug/L	1.0	10	50			
MW-25	cis-1,2-Dichloroethene	6/23/08	0.72	ug/L	0.30	5	70			
MW-25	**Cobalt**	**6/23/08**	**4.9**	**ug/L**	**1.1**	**10**		**2**	**2.9**	**Natural**
MW-25	Copper	6/23/08	3.4	ug/L	1.60	10	1000			
MW-25	Lead	6/23/08	2.4	ug/L	1.9	10	15			
MW-25	Nickel	6/23/08	20.4	ug/L	1.8	50	100			
MW-25	Tetrachloroethene	6/23/08	0.45	ug/L	0.36	1	0.7			
MW-25	Thallium	6/23/08	0.215	ug/L	0.036	5.5		2000		
MW-25	**Vanadium**	**6/23/08**	**17.3**	**ug/L**	**1.4**	**25**		**25**	**17.3**	**Natural**
MW-25	Zinc	6/23/08	23.1	ug/L	3.8	10	1050			
MW-26	1,1-Dichloroethane	6/20/08	1.3	ug/L	0.33	5	70			
MW-26	**1,4-Dichlorobenzene**	**6/20/08**	**2.4**	**ug/L**	**0.20**	**1**	**1.4**		**1**	**Leachate**
MW-26	Barium	6/20/08	70.1	ug/L	0.20	100	2000			
MW-26	**Benzene**	**6/20/08**	**1.6**	**ug/L**	**0.20**	**1**	**1**		**0.6**	**Leachate**
MW-26	Chlorobenzene	6/20/08	0.71	ug/L	0.27	3	50			
MW-26	Chromium	6/20/08	3.9	ug/L	2.0	10	50			
MW-26	cis-1,2-Dichloroethene	6/20/08	27	ug/L	0.30	5	70			
MW-26	**Cobalt**	**6/20/08**	**28.9**	**ug/L**	**2.0**	**10**		**2**	**26.9**	**Natural**
MW-26	Nickel	6/20/08	13	ug/L	2.0	50	100			
MW-26	Thallium	6/20/08	0.074	ug/L	0.036	5.5		2000		
MW-26	Zinc	6/20/08	18.9	ug/L	1.0	10	1050			
MW-27	1,1-Dichloroethane	6/20/08	1.2	ug/L	0.33	5	70			
MW-27	Barium	6/20/08	58	ug/L	0.20	100	2000			
MW-27	cis-1,2-Dichloroethene	6/20/08	14	ug/L	0.30	5	70			
MW-27	Nickel	6/20/08	3.7	ug/L	2.0	50	100			
MW-27	Thallium	6/20/08	0.041	ug/L	0.036	5.5		2000		
SW-4R	Barium	6/20/08	40	ug/L	1.00	100	2000			
SW-4R	Cobalt	6/20/08	1.9	ug/L	1.1	10		2		
SW-4R	Thallium	6/20/08	0.084	ug/L	0.036	5.5		2000		
SW-4R	**Vanadium**	**6/20/08**	**2.1**	**ug/L**	**1.4**	**25**		**25**	**2.1**	**Natural**
SW-4R	Zinc	6/20/08	4.1	ug/L	3.8	10	1050			
SW-5	1,1-Dichloroethane	6/19/08	0.52	ug/L	0.33	5	70			
SW-5	Barium	6/19/08	41.5	ug/L	0.20	100	2000			

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [4]	SWSL [2]	NCGW2L [3]	GWP[5]	Exceedance	Preliminary Cause
SW-5	**Cobalt**	**6/19/08**	**15.7**	**ug/L**	**2.0**	**10**		**2**	**13.7**	**Natural**
SW-5	Zinc	6/19/08	9.4	ug/L	1.0	10	1050			
EB	Methylene chloride	6/19/08	2.2	ug/L	0.24	1	4.6			
FB	Methylene chloride	6/19/08	2.2	ug/L	0.24	1	4.6			

[1] Table only contains detected constituents

[2] SWSL = Solid Waste Section Reporting Limit (Current as of Sampling Event)

[3] NCGW2L = North Carolina Ground Water 2L Standard

[4] MDL = Method Detection Limit

[4] GWP = Groundwater Protection Standard (Current as of Sampling Event)

LFG = Landfill Gas

Hydrologic Properties at Monitoring Well Locations
Alexander County Closed MSWLF and Active C&D Landfill

Monitoring Well	Hydraulic Conductivity (cm/sec)	Effective Porosity (%)	Hydraulic Gradient	Flow Rate (ft/yr)	Flow Direction	Water Table Depth (ft)	Water Table Elev. (ft)
MW-1	5.60E-05	10%	0.18	105	S70W	36.2	1044.34
MW-1A	5.60E-05	1%	0.08	457	S0W	48.6	1036.72
MW-1B	-	-	0.13	-	N2E	46.98	1035.58
MW-2	3.70E-06	28%	0.64	9	N70W	26.65	977.83
MW-3	3.90E-06	10%	0.15	6	S25W	25.57	999.16
MW-4R	4.90E-04	10%	0.05	256	S17W	17.01	995.63
MW-5	6.40E-05	28%	0.04	9	S21E	43.36	1007.9
MW-6	2.40E-05	10%	0.78	193	S76W	26.27	979.98
MW-7	1.60E-06	10%	0.03	0.4	S34W	42.04	967.2
MW-9	-	-	0.08	-	S3W	13.1	983.17
MW-10	-	-	0.03	-	S5E	38.38	1002.42
MW-11	-	-	0.22	-	S25W	42.7	969.26
MW-12	-	-	0.05	-	S33W	53.72	953.63
MW-13	-	-	0.06	-	S71W	46	958.56
MW-14	-	-	0.04	-	N50W	39.21	958.23
MW-15	-	-	0.24	-	N50W	25.17	998.27
MW-16	8.72E-04	17%	0.03	141	S18E	31.48	1006.08
MW-17	-	-	0.09	-	N53W	19.95	971.21
MW-18	1.19E-04	10.00%	0.01	11	N68E	54.7	1029.63
MW-19	1.92E-06	10.00%	0.06	1	N76W	53.39	1018.09
MW-20	5.49E-05	10.00%	0.23	130	N63W	40.4	1006.52
MW-21	3.77E-03	28.10%	0.23	3141	N49W	32.41	957.59
MW-22	6.04E-04	28.10%	0.19	412	N46W	15.45	943.52
MW-23	9.83E-04	28.10%	0.31	1110	S50E	17.99	932.49
MW-24	1.33E-02	10.00%	0.06	8680	S60W	32.12	941.92
MW-25	5.41E-05	10.00%	0.01	4	S83W	31.98	949.95
MW-26	1.16E-04	10.00%	0.07	79	S41W	30.08	960.61
MW-27	2.83E-05	10.00%	0.16	45	S5W	22.21	969.98

NOTE: Values for hydraulic conductivity obtained from GAI Consultants Sampling Report (April, 1995) & MESCO ACM Report (2008).
Hydrologic Gradient taken from the June 19, 2008 sampling event.
Flow rate (*Q*) is defined by the equation:

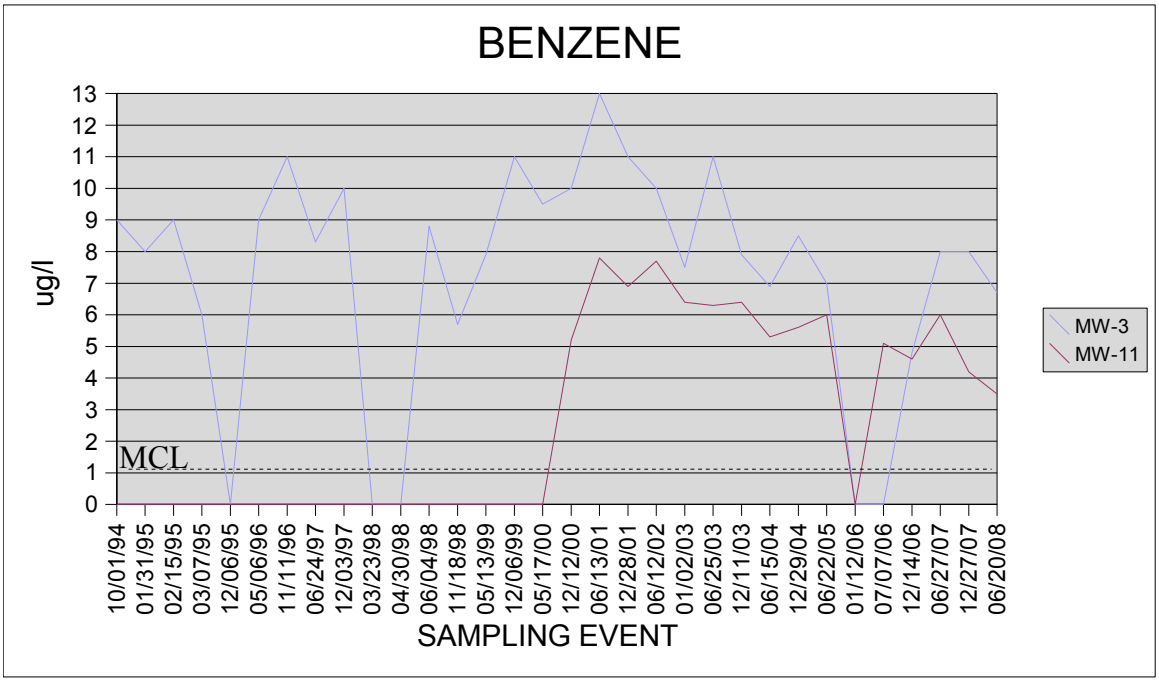
where $$Q = -\frac{K}{n_e} \cdot \frac{dh}{dl}$$

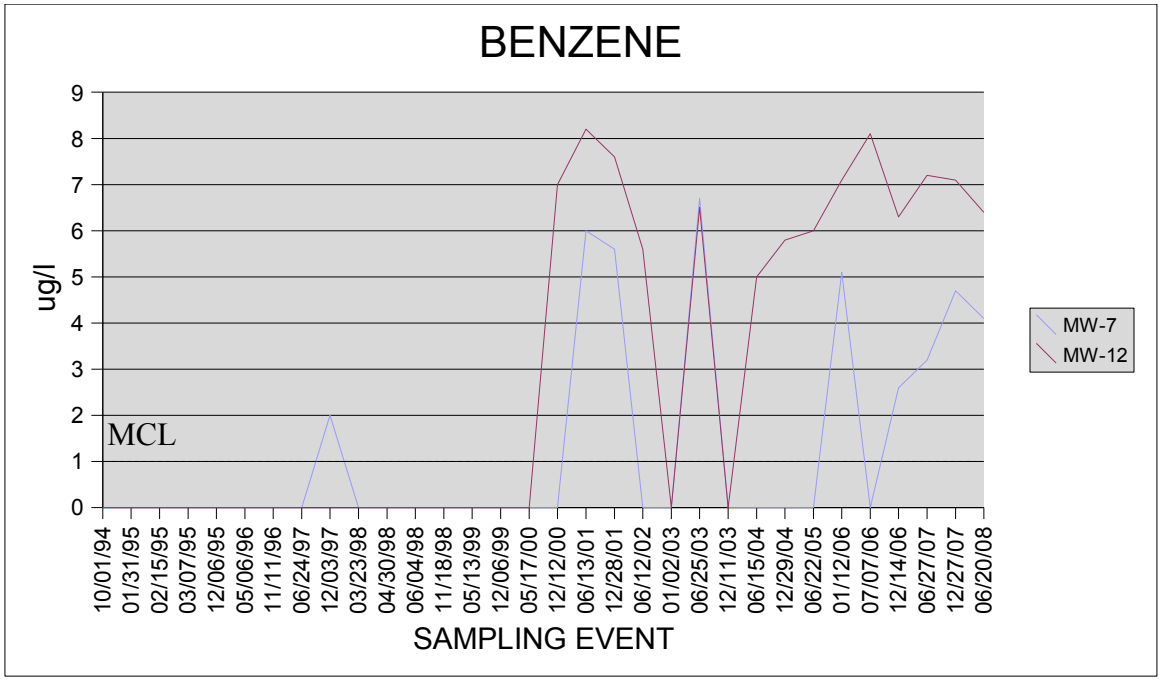
K= hydraulic conductivity
n_e = effective porosity
dh= head difference
dl= horizontal distance

Field Parameter Data Sheet
Alexander County Closed MSWLF and Active C&D Landfill
June 19-23, 2008 Sampling Event

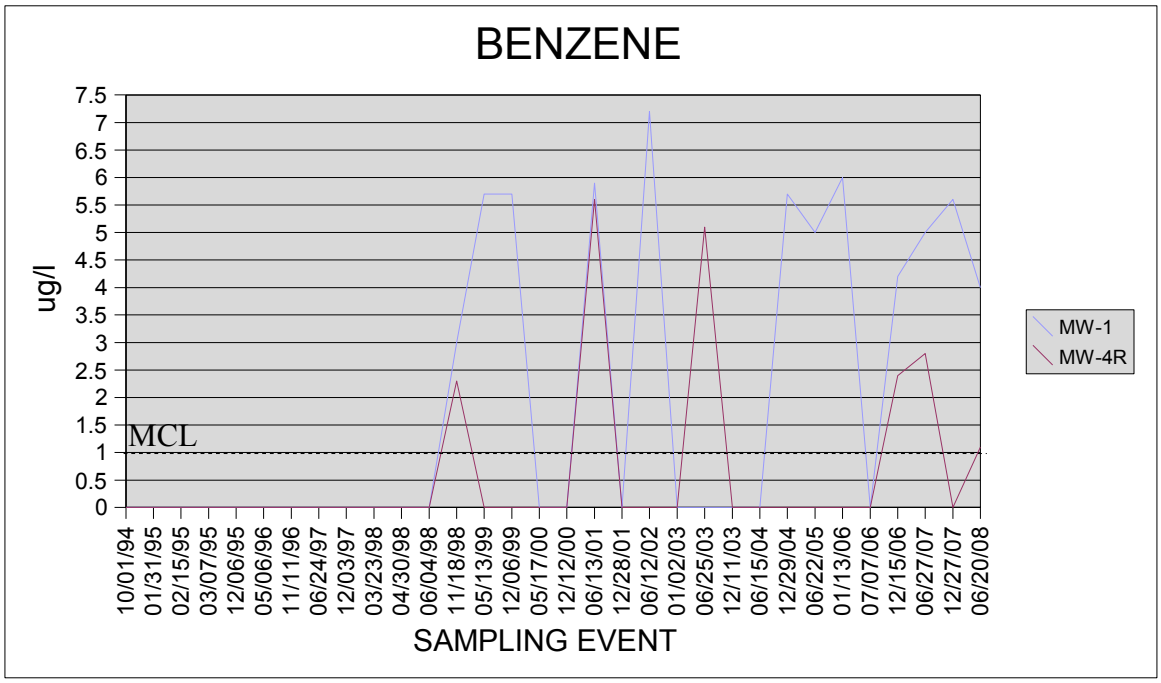
Monitoring Location	Sample Date	Sample Time	WATER TABLE DEPTH (FT)	pH	Temp ©	Specific Conductance (umhos/cm)	DO (mg/L)	ORP
MW-1	06/20/08	03:00:00 PM	36.2	5.6	18.9	560	0.8	-196
MW-1A	Dry No Sample							
MW-1B	06/20/08	02:25:00 PM	46.98	4.7	16.7	80	0.8	380
MW-2	06/19/08	11:30:00 AM	26.65	5.2	16	780	0.9	-210
MW-3	06/20/08	11:30:00 AM	25.57	5.7	19.7	760	0.6	-202
MW-4R	06/19/08	03:00:00 PM	17.01	5.6	16.9	590	0.6	-277
MW-5	06/20/08	03:40:00 PM	43.36	5.8	18.6	450	0.4	-195
MW-6	06/19/08	10:10:00 AM	30.81	4.6	16.9	80	0.7	-15
MW-7	06/20/08	01:00:00 PM	42.04	6.2	17.5	750	0.3	-260
MW-9	06/19/08	02:20:00 PM	13.1	5.8	15.7	860	0.3	-110
MW-10	06/19/08	03:50:00 PM	38.38	6.4	17	820	0.2	-241
MW-11	06/20/08	11:00:00 AM	42.7	5.5	17.1	470	0.4	-175
MW-12	06/20/08	10:25:00 AM	53.72	4.8	16	170	0.4	-103
MW-12D	06/20/08	09:50:00 AM	62.91	6.8	16.4	770	1.6	-153
MW-13	06/19/08	09:30:00 AM	46	5.4	15.6	200	0.8	-120
MW-14	06/19/08	11:00:00 AM	39.21	4.6	16.1	380	1.9	-43
MW-15	06/19/08	12:00:00 PM	25.17	5.2	16.2	140	0.5	-172
MW-16	06/19/08	04:20:00 PM	31.48	4.7	16	100	0.6	-200
MW-17	06/19/08	01:40:00 PM	19.95	4.6	16.5	90	1.3	-115
MW-18	06/23/08	01:00:00 PM	54.7	5.5	15.9	30	1.2	-123
MW-19	06/23/08	12:00:00 PM	53.39	6.2	15.9	380	0.3	-160
MW-20	06/23/08	11:00:00 AM	40.4	5.1	16.3	40	1.2	-91
MW-21	06/23/08	10:10:00 PM	32.41	4.7	14.4	70	1.3	101
MW-22	06/23/08	09:30:00 AM	15.45	5.3	14.8	20	5.7	10
MW-23	06/20/08	01:35:00 PM	17.99	4.8	14.3	140	2.5	-54
MW-24	06/20/08	09:10:00 AM	32.12	4.9	15.2	240	0.7	-340
MW-25	06/23/08	01:40:00 PM	31.98	5.2	15.6	240	0.9	-81
MW-26	06/20/08	12:00:00 PM	30.08	5.8	16.9	600	0.4	-191
MW-27	06/20/08	08:30:00 AM	22.21	6.3	17	640	0.3	-120
SW-3	Dry No Sample							
SW-4R	06/20/08	01:50:00 PM	-	6.6	20.3	300	2.1	-101
SW-5	06/19/08	04:10:00 PM	-	6	19.8	240	0.7	-230

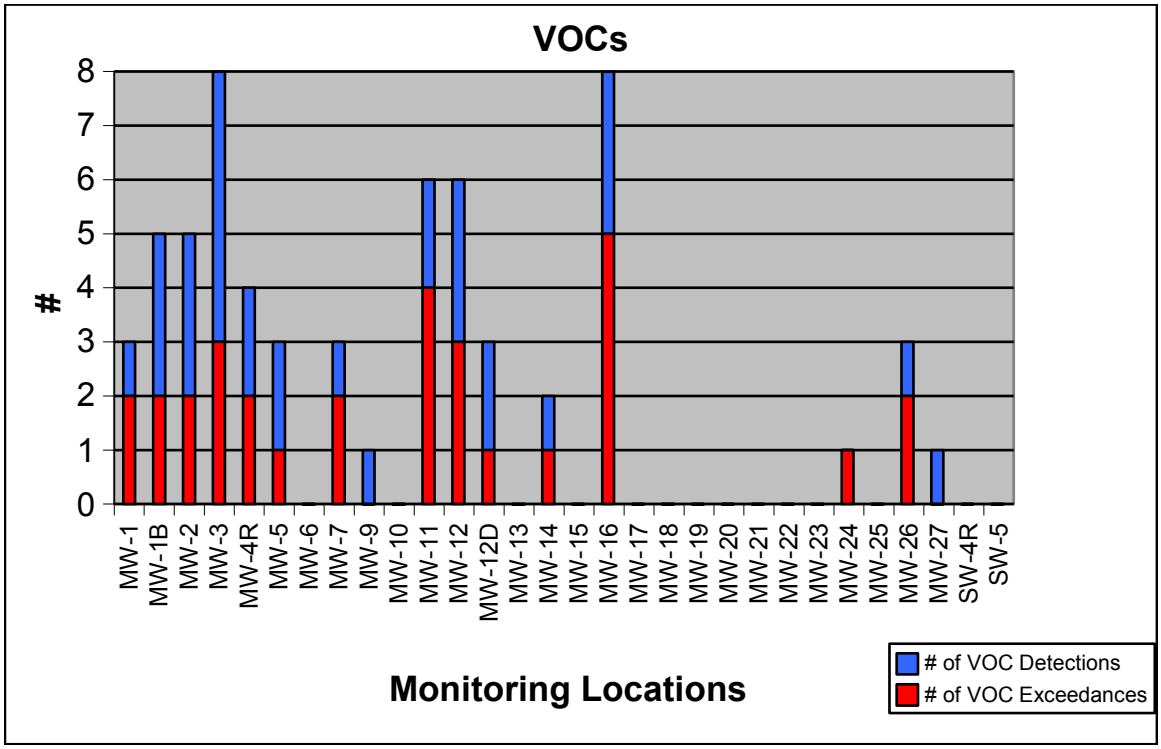
Histograms for Select Constituents (VOCs)
Alexander County Closed MSWLF and Active C&D Landfill



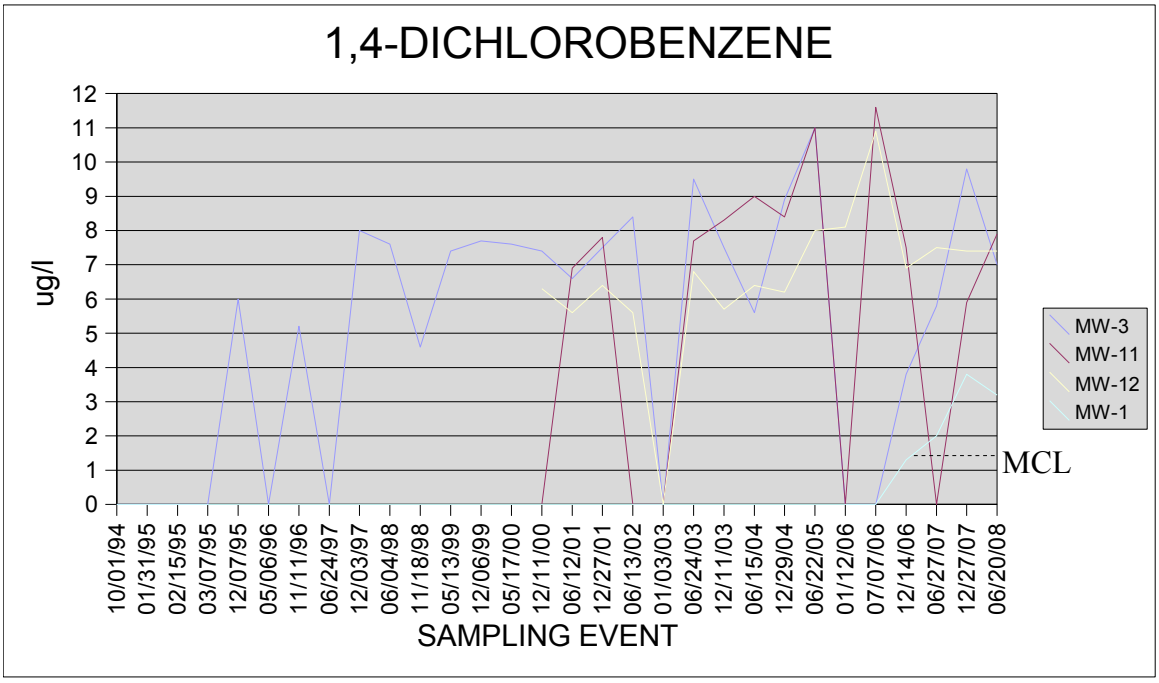


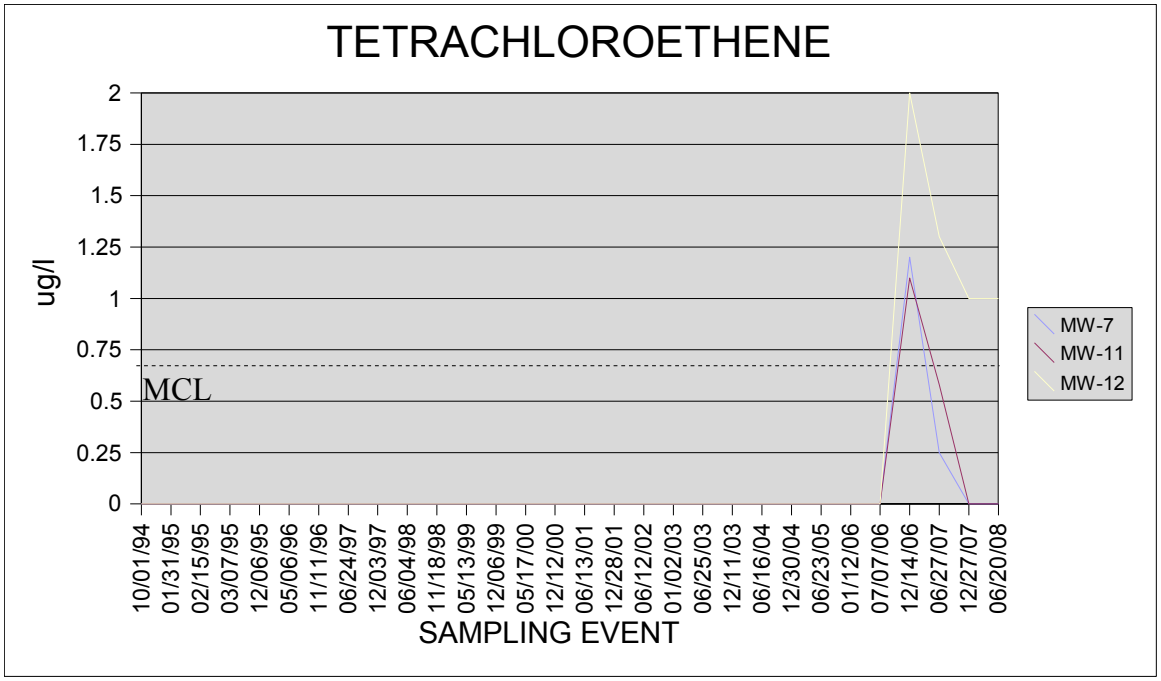
Histograms for Select Constituents (VOCs)
Alexander County Closed MSWLF and Active C&D Landfill

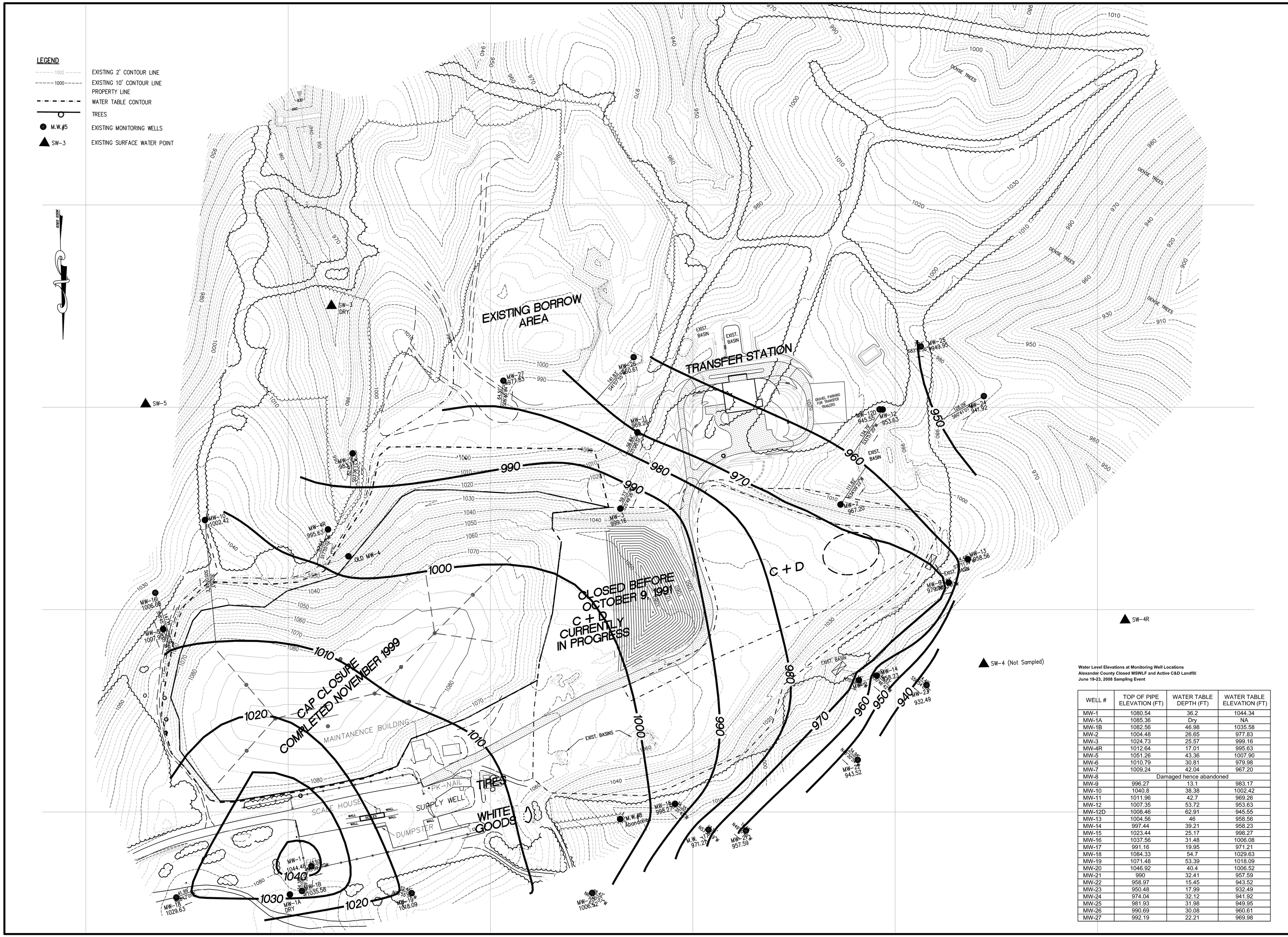




Histograms for Select Constituents (VOCs)
Alexander County Closed MSWLF and Active C&D Landfill







Water Level Elevations at Monitoring Well Locations
Alexander County Closed MSWLF and Active C&D Landfill
June 19-23, 2008 Sampling Event

WELL #	TOP OF PIPE ELEVATION (FT)	WATER TABLE DEPTH (FT)	WATER TABLE ELEVATION (FT)
MW-1	1080.54	36.2	1044.34
MW-1A	1085.36	Dry	NA
MW-1B	1082.56	46.98	1035.58
MW-2	1004.48	26.65	977.83
MW-3	1024.73	25.57	999.16
MW-4R	1012.64	17.01	995.63
MW-5	1051.26	43.36	1007.90
MW-6	1010.79	30.81	979.98
MW-7	1009.24	42.04	967.20
MW-8	Damaged hence abandoned		
MW-9	996.27	13.1	983.17
MW-10	1040.8	38.38	1002.42
MW-11	1011.96	42.7	969.26
MW-12	1007.35	53.72	953.63
MW-12D	1008.46	62.91	945.55
MW-13	1004.56	46	958.56
MW-14	997.44	39.21	958.23
MW-15	1023.44	25.17	998.27
MW-16	1037.56	31.48	1006.08
MW-17	991.16	19.95	971.21
MW-18	1084.33	54.7	1029.63
MW-19	1071.48	53.39	1018.09
MW-20	1046.92	40.4	1006.52
MW-21	990	32.41	957.59
MW-22	958.97	15.45	943.52
MW-23	950.48	17.99	932.49
MW-24	974.04	32.12	941.92
MW-25	981.93	31.98	949.95
MW-26	990.69	30.08	960.61
MW-27	992.19	22.21	969.98

Municipal Engineering Services Company, P.A.
P.O. BOX 349 BOONE, N.C. 28607 (828) 262-1767
P.O. BOX 97 GARNER, N.C. 27529 (919) 772-5393

ALEXANDER COUNTY
CONSTRUCTION AND DEMOLITION LANDFILL
ALEXANDER COUNTY
NORTH CAROLINA

DATE:	BY	REV.	DESCRIPTION

SINGLE DAY POTENTIOMETRIC MAP
June 20, 2008

SCALE: 1" = 100'
DATE: 5/23/02
DRWN. BY: L. HAMPTON
CHKD. BY: J. WOODIE
PROJECT NUMBER G02052.6
DRAWING NO. C1
SHEET NO. 3 OF

Laboratory Results

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

Tuesday, July 8, 2008

Municipal Engineering Services (MU001)

Attn: Jonathan Pfohl

P.O. Box 97

Garner, NC 27529

RE: Laboratory Results for
Project Number: G08003.0, Project Name/Desc: Alexander Co. Closed C&D LF - App Is
ENCO Workorder: C806641

Dear Jonathan Pfohl,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, June 24, 2008.

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.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. 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. Unless otherwise noted, all analyses were performed at ENCO Cary. 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

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 124.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID:	MW-11 MS/MSD	Lab ID:	C806641-01	Sampled:	06/20/08 11:00	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:50	6/30/2008 12:02
EPA 6020	12/17/08	06/25/08 08:54	6/26/2008 13:13
EPA 8260B	07/04/08	06/26/08 09:33	6/26/2008 12:29

Client ID:	MW-13	Lab ID:	C806641-02	Sampled:	06/19/08 09:30	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/16/08	06/25/08 08:50	6/30/2008 12:25
EPA 6020	12/16/08	06/25/08 08:54	6/26/2008 13:27
EPA 8260B	07/03/08	06/26/08 09:33	6/26/2008 13:01

Client ID:	MW-6	Lab ID:	C806641-03	Sampled:	06/19/08 10:10	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/16/08	06/25/08 08:50	6/30/2008 12:33
EPA 6020	12/16/08	06/25/08 08:54	6/26/2008 13:29
EPA 8260B	07/03/08	06/26/08 09:33	6/26/2008 13:33

Client ID:	MW-14	Lab ID:	C806641-04	Sampled:	06/19/08 11:00	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/16/08	06/25/08 08:50	6/30/2008 12:40
EPA 6020	12/16/08	06/25/08 08:54	6/26/2008 13:32
EPA 7470A	07/17/08	06/27/08 06:30	6/27/2008 13:16
EPA 8260B	07/03/08	06/26/08 09:33	6/26/2008 14:05

Client ID:	MW-2	Lab ID:	C806641-05	Sampled:	06/19/08 11:30	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/16/08	06/25/08 08:50	6/30/2008 12:47
EPA 6020	12/16/08	06/25/08 08:54	6/26/2008 13:35
EPA 7470A	07/17/08	06/27/08 06:30	6/27/2008 13:32
EPA 8260B	07/03/08	06/26/08 09:33	6/26/2008 14:36

Client ID:	MW-15	Lab ID:	C806641-06	Sampled:	06/19/08 12:00	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/16/08	06/25/08 08:50	6/30/2008 12:54
EPA 6020	12/16/08	06/25/08 08:54	6/26/2008 13:38
EPA 7470A	07/17/08	06/27/08 06:30	6/27/2008 13:35
EPA 8260B	07/03/08	06/26/08 09:33	6/26/2008 15:15

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Client ID:	MW-17	Lab ID:	C806641-07	Sampled:	06/19/08 13:40	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/16/08	06/25/08 08:50	6/30/2008 13:17
EPA 6020	12/16/08	06/25/08 08:54	6/26/2008 13:40
EPA 7470A	07/17/08	06/27/08 06:30	6/27/2008 13:45
EPA 8260B	07/03/08	06/26/08 09:33	6/26/2008 15:47

Client ID:	MW-9	Lab ID:	C806641-08	Sampled:	06/19/08 14:20	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/16/08	06/25/08 08:50	6/30/2008 13:24
EPA 6020	12/16/08	06/25/08 08:54	6/26/2008 13:43
EPA 8260B	07/03/08	06/26/08 09:33	6/26/2008 16:19

Client ID:	MW-4R	Lab ID:	C806641-09	Sampled:	06/19/08 15:00	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/16/08	06/25/08 08:50	6/30/2008 13:31
EPA 6020	12/16/08	06/25/08 08:54	6/26/2008 13:46
EPA 8260B	07/03/08	06/26/08 09:33	6/26/2008 16:53

Client ID:	MW-10	Lab ID:	C806641-10	Sampled:	06/19/08 15:50	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/16/08	06/25/08 08:50	6/30/2008 13:38
EPA 6020	12/16/08	06/25/08 08:54	6/26/2008 13:54
EPA 8260B	07/03/08	06/26/08 09:33	6/26/2008 17:31

Client ID:	SW-5	Lab ID:	C806641-11	Sampled:	06/19/08 16:10	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/16/08	06/25/08 08:50	6/30/2008 13:45
EPA 6020	12/16/08	06/25/08 08:54	6/26/2008 13:57
EPA 8260B	07/03/08	06/26/08 09:33	6/26/2008 18:03

Client ID:	MW-27	Lab ID:	C806641-12	Sampled:	06/20/08 08:30	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:50	6/30/2008 13:52
EPA 6020	12/17/08	06/25/08 08:54	6/26/2008 14:00
EPA 8260B	07/04/08	06/26/08 09:33	6/26/2008 18:40

Client ID:	MW-24	Lab ID:	C806641-13	Sampled:	06/20/08 09:10	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:50	6/30/2008 13:59
EPA 6020	12/17/08	06/25/08 08:54	6/26/2008 14:03
EPA 7470A	07/18/08	06/27/08 06:30	6/27/2008 13:48
EPA 8260B	07/04/08	06/26/08 09:33	6/26/2008 19:12

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Client ID:	MW-12D	Lab ID:	C806641-14	Sampled:	06/20/08 09:50	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:50	6/30/2008 14:06
EPA 6020	12/17/08	06/25/08 08:54	6/26/2008 14:06
EPA 8260B	07/04/08	06/26/08 09:33	6/26/2008 19:49

Client ID:	MW-12	Lab ID:	C806641-15	Sampled:	06/20/08 10:25	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:50	6/30/2008 14:13
EPA 6020	12/17/08	06/25/08 08:54	6/26/2008 14:08
EPA 8260B	07/04/08	06/30/08 09:53	6/30/2008 16:36

Client ID:	MW-3	Lab ID:	C806641-16	Sampled:	06/20/08 11:30	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:50	6/30/2008 14:20
EPA 6020	12/17/08	06/25/08 08:54	6/26/2008 14:11
EPA 8260B	07/04/08	06/26/08 14:30	6/29/2008 00:27

Client ID:	MW-19	Lab ID:	C806641-17	Sampled:	06/23/08 12:00	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/20/08	06/25/08 08:50	6/30/2008 14:44
EPA 6020	12/20/08	06/25/08 08:54	6/26/2008 14:14
EPA 8260B	07/07/08	06/26/08 14:30	6/29/2008 00:58

Client ID:	MW-26	Lab ID:	C806641-18	Sampled:	06/20/08 12:00	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:50	6/30/2008 14:51
EPA 6020	12/17/08	06/25/08 08:54	6/26/2008 14:17
EPA 8260B	07/04/08	06/26/08 14:30	6/29/2008 01:28

Client ID:	MW-7	Lab ID:	C806641-19	Sampled:	06/20/08 13:00	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:50	6/30/2008 14:58
EPA 6020	12/17/08	06/25/08 08:54	6/26/2008 14:19
EPA 8260B	07/04/08	06/26/08 14:30	6/29/2008 01:59

Client ID:	MW-23	Lab ID:	C806641-20	Sampled:	06/20/08 13:35	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:58	7/7/2008 11:29
EPA 6020	12/17/08	06/25/08 08:54	6/26/2008 14:37
EPA 8260B	07/04/08	06/26/08 14:30	6/29/2008 02:30

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Client ID:	SW-4R	Lab ID:	C806641-21	Sampled:	06/20/08 13:50	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:58	7/7/2008 11:53
EPA 6020	12/17/08	06/25/08 09:00	6/26/2008 12:28
EPA 8260B	07/04/08	06/26/08 14:30	6/29/2008 03:00

Client ID:	MW-1B	Lab ID:	C806641-22	Sampled:	06/20/08 14:25	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:58	7/7/2008 12:00
EPA 6020	12/17/08	06/25/08 09:00	6/26/2008 12:36
EPA 7470A	07/18/08	06/27/08 06:30	6/27/2008 13:51
EPA 8260B	07/04/08	06/26/08 14:30	6/29/2008 03:31

Client ID:	MW-1	Lab ID:	C806641-23	Sampled:	06/20/08 15:00	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:58	7/7/2008 12:07
EPA 6020	12/17/08	06/25/08 09:00	6/26/2008 12:39
EPA 7470A	07/18/08	06/27/08 06:30	6/27/2008 13:54
EPA 8260B	07/04/08	06/26/08 14:30	6/29/2008 04:01

Client ID:	MW-5	Lab ID:	C806641-24	Sampled:	06/20/08 15:40	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:58	7/7/2008 12:14
EPA 6020	12/17/08	06/25/08 09:00	6/26/2008 12:47
EPA 8260B	07/04/08	06/26/08 14:30	6/29/2008 04:32

Client ID:	MW-16	Lab ID:	C806641-25	Sampled:	06/20/08 16:20	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/17/08	06/25/08 08:58	7/7/2008 12:21
EPA 6020	12/17/08	06/25/08 09:00	6/26/2008 12:50
EPA 7470A	07/18/08	06/27/08 06:30	6/27/2008 13:57
EPA 8260B	07/04/08	06/26/08 14:30	6/29/2008 05:02

Client ID:	MW-22	Lab ID:	C806641-26	Sampled:	06/23/08 09:30	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	12/20/08	06/25/08 08:58	7/7/2008 12:44
EPA 6020	12/20/08	06/25/08 09:00	6/26/2008 12:53
EPA 8260B	07/07/08	06/26/08 14:30	6/29/2008 05:32

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Client ID:	MW-21	Lab ID:	C806641-27	Sampled:	06/23/08 10:10	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	12/20/08	06/25/08	08:58	7/7/2008 12:51
EPA 6020	12/20/08	06/25/08	09:00	6/26/2008 12:56
EPA 8260B	07/07/08	06/26/08	14:30	6/29/2008 06:03

Client ID:	MW-20	Lab ID:	C806641-28	Sampled:	06/23/08 11:00	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	12/20/08	06/25/08	08:58	7/7/2008 12:58
EPA 6020	12/20/08	06/25/08	09:00	6/26/2008 12:59
EPA 8260B	07/07/08	06/26/08	14:30	6/29/2008 06:33

Client ID:	MW-18	Lab ID:	C806641-29	Sampled:	06/23/08 13:00	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	12/20/08	06/25/08	08:58	7/7/2008 13:05
EPA 6020	12/20/08	06/25/08	09:00	6/26/2008 13:01
EPA 8260B	07/07/08	06/26/08	14:30	6/29/2008 07:03

Client ID:	MW-25	Lab ID:	C806641-30	Sampled:	06/23/08 13:40	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	12/20/08	06/25/08	08:58	7/7/2008 13:12
EPA 6020	12/20/08	06/25/08	09:00	6/26/2008 13:04
EPA 8260B	07/07/08	06/26/08	14:30	6/29/2008 07:34

Client ID:	TB	Lab ID:	C806641-31	Sampled:	06/19/08 00:00	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	07/03/08	06/30/08	09:53	6/30/2008 16:05

Client ID:	EB	Lab ID:	C806641-32	Sampled:	06/19/08 09:15	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	07/03/08	06/30/08	09:53	6/30/2008 17:09

Client ID:	FB	Lab ID:	C806641-33	Sampled:	06/19/08 09:10	Received:	06/24/08 10:55

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	07/03/08	06/30/08	09:53	6/30/2008 17:40

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NORTH CAROLINA SWS SAMPLE DETECTION SUMMARY

Client ID: MW-11 MS/MSD **Lab ID:** C806641-01

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1,2,2-Tetrachloroethane	0.98	J	1	0.33	1.0	3	ug/L	EPA 8260B	
1,1-Dichloroethane	1.5	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	7.9		1	0.20	1.0	1	ug/L	EPA 8260B	
Barium	181	B	1	0.20	10.0	100	ug/L	EPA 6010B	
Benzene	3.5		1	0.20	1.0	1	ug/L	EPA 8260B	
Bromomethane	2.7	J	1	0.49	1.0	10	ug/L	EPA 8260B	
Chlorobenzene	2.1	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloroethane	2.6	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	34		1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	98.9		1	2.0	10.0	10	ug/L	EPA 6010B	
Lead	4.3	J	1	2.0	10.0	10	ug/L	EPA 6010B	
Methylene chloride	1.9		1	0.24	1.0	1	ug/L	EPA 8260B	
Nickel	19.6	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Tetrachloroethene	0.51	J	1	0.36	1.0	1	ug/L	EPA 8260B	
Thallium	0.384	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Trichloroethene	0.67	J	1	0.25	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	0.60	J	1	0.30	1.0	1	ug/L	EPA 8260B	
Zinc	54.0		1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-13 **Lab ID:** C806641-02

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	20.4	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
Cobalt	3.5	J	1	2.0	10.0	10	ug/L	EPA 6010B	
Nickel	5.9	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Thallium	0.040	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Zinc	13.0		1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-6 **Lab ID:** C806641-03

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	47.2	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
Cobalt	19.3		1	2.0	10.0	10	ug/L	EPA 6010B	
Copper	3.60	J	1	0.60	10.0	10	ug/L	EPA 6010B	
Lead	2.1	J	1	2.0	10.0	10	ug/L	EPA 6010B	
Nickel	6.2	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Thallium	0.109	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Zinc	16.5		1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-14 **Lab ID:** C806641-04

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	1.6	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	4.0		1	0.20	1.0	1	ug/L	EPA 8260B	
Barium	102	B	1	0.20	10.0	100	ug/L	EPA 6010B	
Benzene	0.68	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Bromomethane	1.9	J	1	0.49	1.0	10	ug/L	EPA 8260B	
Chlorobenzene	1.5	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloroethane	3.0	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	13		1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	218		1	2.0	10.0	10	ug/L	EPA 6010B	
Nickel	16.2	J	1	2.0	10.0	50	ug/L	EPA 6010B	

Client ID: MW-14 **Lab ID: C806641-04**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Thallium	0.118	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Trichloroethene	0.66	J	1	0.25	1.0	1	ug/L	EPA 8260B	
Zinc	15.7		1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-2 **Lab ID: C806641-05**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	1.7	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	4.8		1	0.20	1.0	1	ug/L	EPA 8260B	
Acetone	17	J	1	0.62	5.0	100	ug/L	EPA 8260B	
Barium	136	B	1	0.20	10.0	100	ug/L	EPA 6010B	
Benzene	1.9		1	0.20	1.0	1	ug/L	EPA 8260B	
Chlorobenzene	1.7	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloroethane	4.0	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	15		1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	503		1	2.0	10.0	10	ug/L	EPA 6010B	
Mercury	3.58		1	0.11	0.20	0.2	ug/L	EPA 7470A	
Thallium	0.262	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Trichloroethene	1.0		1	0.25	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	0.51	J	1	0.30	1.0	1	ug/L	EPA 8260B	
Zinc	89.3		1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-15 **Lab ID: C806641-06**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	3.2	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Acetone	12	J	1	0.62	5.0	100	ug/L	EPA 8260B	
Barium	16.4	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
Benzene	0.42	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroform	0.48	J	1	0.20	1.0	5	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	3.5	J	1	0.30	1.0	5	ug/L	EPA 8260B	
Mercury	0.12	J	1	0.11	0.20	0.2	ug/L	EPA 7470A	
Zinc	2.0	J	1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-17 **Lab ID: C806641-07**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	3.5	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Acetone	13	J	1	0.62	5.0	100	ug/L	EPA 8260B	
Barium	40.6	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
cis-1,2-Dichloroethene	2.9	J	1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	21.1		1	2.0	10.0	10	ug/L	EPA 6010B	
Copper	3.00	J	1	0.60	10.0	10	ug/L	EPA 6010B	
Lead	5.4	J	1	2.0	10.0	10	ug/L	EPA 6010B	
Mercury	0.29		1	0.11	0.20	0.2	ug/L	EPA 7470A	
Nickel	3.0	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Thallium	0.057	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Trichloroethene	0.57	J	1	0.25	1.0	1	ug/L	EPA 8260B	
Zinc	5.1	J	1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-9 **Lab ID: C806641-08**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	1.9	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Barium	119	B	1	0.20	10.0	100	ug/L	EPA 6010B	

Client ID: MW-9 **Lab ID:** C806641-08

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
cis-1,2-Dichloroethene	13		1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	16.5		1	2.0	10.0	10	ug/L	EPA 6010B	
Copper	1.30	J	1	0.60	10.0	10	ug/L	EPA 6010B	
Nickel	32.6	J	1	2.0	10.0	50	ug/L	EPA 6010B	

Client ID: MW-4R **Lab ID:** C806641-09

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	5.9		1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	3.3		1	0.20	1.0	1	ug/L	EPA 8260B	
Barium	115	B	1	0.20	10.0	100	ug/L	EPA 6010B	
Benzene	1.1		1	0.20	1.0	1	ug/L	EPA 8260B	
Chlorobenzene	1.0	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloroethane	3.5	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	14		1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	146		1	2.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-10 **Lab ID:** C806641-10

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	0.78	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Barium	32.0	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
cis-1,2-Dichloroethene	2.7	J	1	0.30	1.0	5	ug/L	EPA 8260B	
Zinc	1.2	J	1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: SW-5 **Lab ID:** C806641-11

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	0.52	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Barium	41.5	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
Cobalt	15.7		1	2.0	10.0	10	ug/L	EPA 6010B	
Zinc	9.4	J	1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-27 **Lab ID:** C806641-12

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	1.2	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Barium	58.0	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
cis-1,2-Dichloroethene	14		1	0.30	1.0	5	ug/L	EPA 8260B	
Nickel	3.7	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Thallium	0.041	J	1	0.036	1.00	5.5	ug/L	EPA 6020	

Client ID: MW-24 **Lab ID:** C806641-13

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	0.92	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	2.2		1	0.20	1.0	1	ug/L	EPA 8260B	
Barium	84.8	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
cis-1,2-Dichloroethene	4.7	J	1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	34.4		1	2.0	10.0	10	ug/L	EPA 6010B	
Mercury	0.16	J	1	0.11	0.20	0.2	ug/L	EPA 7470A	
Nickel	2.2	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Thallium	0.082	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Zinc	7.7	J	1	1.0	10.0	10	ug/L	EPA 6010B	

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Client ID: MW-12D **Lab ID:** C806641-14

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	0.66	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Acetone	25	J	1	0.62	5.0	100	ug/L	EPA 8260B	
Barium	10.5	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
Bromodichloromethane	0.77	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroform	6.4		1	0.20	1.0	5	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	0.49	J	1	0.30	1.0	5	ug/L	EPA 8260B	
Methylene chloride	2.4		1	0.24	1.0	1	ug/L	EPA 8260B	
Zinc	149		1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-12 **Lab ID:** C806641-15

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	3.6	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	7.4		1	0.20	1.0	1	ug/L	EPA 8260B	
Acetone	8.0	J	1	0.62	5.0	100	ug/L	EPA 8260B	
Barium	89.3	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
Benzene	6.4		1	0.20	1.0	1	ug/L	EPA 8260B	
Chlorobenzene	1.7	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloroethane	1.3	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	11		1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	3.3	J	1	2.0	10.0	10	ug/L	EPA 6010B	
Methylene chloride	1.8		1	0.24	1.0	1	ug/L	EPA 8260B	
Tetrachloroethene	1.0		1	0.36	1.0	1	ug/L	EPA 8260B	
Thallium	0.075	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Trichloroethene	2.2		1	0.25	1.0	1	ug/L	EPA 8260B	
Zinc	5.6	J	1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-3 **Lab ID:** C806641-16

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	0.67	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,2-Dichlorobenzene	0.44	J	1	0.27	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	7.0		1	0.20	1.0	1	ug/L	EPA 8260B	
Acetone	8.2	J	1	0.62	5.0	100	ug/L	EPA 8260B	
Barium	43.6	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
Benzene	6.7		1	0.20	1.0	1	ug/L	EPA 8260B	
Chlorobenzene	0.98	J	1	0.27	1.0	3	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	9.6		1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	8.3	J	1	2.0	10.0	10	ug/L	EPA 6010B	
Ethylbenzene	2.0		1	0.20	1.0	1	ug/L	EPA 8260B	
Lead	3.3	J	1	2.0	10.0	10	ug/L	EPA 6010B	
Nickel	8.5	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Tetrachloroethene	0.55	J	1	0.36	1.0	1	ug/L	EPA 8260B	
Toluene	1.5		1	0.20	1.0	1	ug/L	EPA 8260B	
Trichloroethene	1.4		1	0.25	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	0.93	J	1	0.30	1.0	1	ug/L	EPA 8260B	
Xylenes (Total)	13		1	0.40	1.0	5	ug/L	EPA 8260B	
Zinc	13.1		1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-19 **Lab ID:** C806641-17

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	17.0	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
Nickel	2.4	J	1	2.0	10.0	50	ug/L	EPA 6010B	

Client ID: MW-19 **Lab ID:** C806641-17

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Vanadium	1.3	J	1	1.0	10.0	25	ug/L	EPA 6010B	

Client ID: MW-26 **Lab ID:** C806641-18

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	1.3	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	2.4		1	0.20	1.0	1	ug/L	EPA 8260B	
Barium	70.1	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
Benzene	1.6		1	0.20	1.0	1	ug/L	EPA 8260B	
Chlorobenzene	0.71	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chromium	3.9	J	1	2.0	10.0	10	ug/L	EPA 6010B	
cis-1,2-Dichloroethene	27		1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	28.9		1	2.0	10.0	10	ug/L	EPA 6010B	
Nickel	13.0	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Thallium	0.074	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Zinc	18.9		1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-7 **Lab ID:** C806641-19

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	3.3	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	2.0		1	0.20	1.0	1	ug/L	EPA 8260B	
Barium	9.20	JB	1	0.20	10.0	100	ug/L	EPA 6010B	
Benzene	4.1		1	0.20	1.0	1	ug/L	EPA 8260B	
Chlorobenzene	0.74	J	1	0.27	1.0	3	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	6.4		1	0.30	1.0	5	ug/L	EPA 8260B	
Trichloroethene	0.80	J	1	0.25	1.0	1	ug/L	EPA 8260B	

Client ID: MW-23 **Lab ID:** C806641-20

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	0.73	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Arsenic	4.4	J	1	2.8	10.0	10	ug/L	EPA 6010B	
Barium	58.2	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Beryllium	0.20	JB	1	0.10	1.00	1	ug/L	EPA 6010B	
Chromium	4.3	J	1	1.0	10.0	10	ug/L	EPA 6010B	
cis-1,2-Dichloroethene	4.2	J	1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	8.5	J	1	1.1	10.0	10	ug/L	EPA 6010B	
Copper	2.60	J	1	1.60	10.0	10	ug/L	EPA 6010B	
Nickel	7.5	J	1	1.8	10.0	50	ug/L	EPA 6010B	
Thallium	0.070	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Vanadium	2.1	J	1	1.4	10.0	25	ug/L	EPA 6010B	
Zinc	7.9	J	1	3.8	10.0	10	ug/L	EPA 6010B	

Client ID: SW-4R **Lab ID:** C806641-21

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	40.0	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Cobalt	1.9	J	1	1.1	10.0	10	ug/L	EPA 6010B	
Thallium	0.084	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Vanadium	2.1	J	1	1.4	10.0	25	ug/L	EPA 6010B	
Zinc	4.1	J	1	3.8	10.0	10	ug/L	EPA 6010B	

Client ID: MW-1B **Lab ID:** C806641-22

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes

Client ID: MW-1B **Lab ID:** C806641-22

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	1.8	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	2.1		1	0.20	1.0	1	ug/L	EPA 8260B	
Barium	78.9	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Benzene	1.7		1	0.20	1.0	1	ug/L	EPA 8260B	
Carbon disulfide	0.44	J	1	0.40	5.0	100	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	5.0		1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	56.8		1	1.1	10.0	10	ug/L	EPA 6010B	
Ethylbenzene	0.69	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Mercury	1.11		1	0.11	0.20	0.2	ug/L	EPA 7470A	
Methylene chloride	2.6		1	0.24	1.0	1	ug/L	EPA 8260B	
Nickel	6.5	J	1	1.8	10.0	50	ug/L	EPA 6010B	
Thallium	0.132	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Xylenes (Total)	6.8		1	0.40	1.0	5	ug/L	EPA 8260B	
Zinc	20.0		1	3.8	10.0	10	ug/L	EPA 6010B	

Client ID: MW-1 **Lab ID:** C806641-23

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	1.6	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	3.2		1	0.20	1.0	1	ug/L	EPA 8260B	
Barium	49.8	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Benzene	4.0		1	0.20	1.0	1	ug/L	EPA 8260B	
Carbon disulfide	0.44	J	1	0.40	5.0	100	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	8.0		1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	30.2		1	1.1	10.0	10	ug/L	EPA 6010B	
Lead	2.7	J	1	1.9	10.0	10	ug/L	EPA 6010B	
Mercury	0.11	J	1	0.11	0.20	0.2	ug/L	EPA 7470A	
Nickel	11.9	J	1	1.8	10.0	50	ug/L	EPA 6010B	
Thallium	0.046	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Xylenes (Total)	0.40	J	1	0.40	1.0	5	ug/L	EPA 8260B	
Zinc	39.1		1	3.8	10.0	10	ug/L	EPA 6010B	

Client ID: MW-5 **Lab ID:** C806641-24

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	4.2	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	1.4		1	0.20	1.0	1	ug/L	EPA 8260B	
Barium	67.8	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Benzene	3.3		1	0.20	1.0	1	ug/L	EPA 8260B	
Chlorobenzene	0.43	J	1	0.27	1.0	3	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	8.2		1	0.30	1.0	5	ug/L	EPA 8260B	
Thallium	0.044	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Trichloroethene	0.67	J	1	0.25	1.0	1	ug/L	EPA 8260B	
Zinc	10.9		1	3.8	10.0	10	ug/L	EPA 6010B	

Client ID: MW-16 **Lab ID:** C806641-25

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	13		1	0.33	1.0	5	ug/L	EPA 8260B	
1,2-Dichloropropane	0.90	J	1	0.20	1.0	1	ug/L	EPA 8260B	
1,4-Dichlorobenzene	1.8		1	0.20	1.0	1	ug/L	EPA 8260B	
Barium	60.5	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Benzene	3.2		1	0.20	1.0	1	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	12		1	0.30	1.0	5	ug/L	EPA 8260B	

Client ID: MW-16 **Lab ID:** C806641-25

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Cobalt	12.0		1	1.1	10.0	10	ug/L	EPA 6010B	
Copper	2.10	J	1	1.60	10.0	10	ug/L	EPA 6010B	
Mercury	0.45		1	0.11	0.20	0.2	ug/L	EPA 7470A	
Methylene chloride	3.2		1	0.24	1.0	1	ug/L	EPA 8260B	
Nickel	5.5	J	1	1.8	10.0	50	ug/L	EPA 6010B	
Tetrachloroethene	2.4		1	0.36	1.0	1	ug/L	EPA 8260B	
Thallium	0.154	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Trichloroethene	3.5		1	0.25	1.0	1	ug/L	EPA 8260B	
Xylenes (Total)	2.2	J	1	0.40	1.0	5	ug/L	EPA 8260B	
Zinc	10.6		1	3.8	10.0	10	ug/L	EPA 6010B	

Client ID: MW-22 **Lab ID:** C806641-26

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	44.4	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Cobalt	1.3	J	1	1.1	10.0	10	ug/L	EPA 6010B	
Nickel	1.9	J	1	1.8	10.0	50	ug/L	EPA 6010B	
Thallium	0.045	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Zinc	6.2	J	1	3.8	10.0	10	ug/L	EPA 6010B	

Client ID: MW-21 **Lab ID:** C806641-27

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	1.8	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Barium	45.2	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Benzene	0.42	J	1	0.20	1.0	1	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	1.4	J	1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	3.8	J	1	1.1	10.0	10	ug/L	EPA 6010B	
Methylene chloride	0.91	J	1	0.24	1.0	1	ug/L	EPA 8260B	
Nickel	3.1	J	1	1.8	10.0	50	ug/L	EPA 6010B	
Thallium	0.057	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Trichloroethene	0.44	J	1	0.25	1.0	1	ug/L	EPA 8260B	
Zinc	4.3	J	1	3.8	10.0	10	ug/L	EPA 6010B	

Client ID: MW-20 **Lab ID:** C806641-28

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	0.77	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Arsenic	3.1	J	1	2.8	10.0	10	ug/L	EPA 6010B	
Barium	90.7	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Beryllium	0.10	JB	1	0.10	1.00	1	ug/L	EPA 6010B	
Chromium	11.4		1	1.0	10.0	10	ug/L	EPA 6010B	
Cobalt	2.6	J	1	1.1	10.0	10	ug/L	EPA 6010B	
Copper	9.70	J	1	1.60	10.0	10	ug/L	EPA 6010B	
Lead	4.0	J	1	1.9	10.0	10	ug/L	EPA 6010B	
Nickel	10.4	J	1	1.8	10.0	50	ug/L	EPA 6010B	
Thallium	0.125	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Vanadium	11.6	J	1	1.4	10.0	25	ug/L	EPA 6010B	
Zinc	18.9		1	3.8	10.0	10	ug/L	EPA 6010B	

Client ID: MW-18 **Lab ID:** C806641-29

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	66.7	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Chromium	16.1		1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: MW-18 **Lab ID:** C806641-29

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Cobalt	17.3		1	1.1	10.0	10	ug/L	EPA 6010B	
Copper	39.5		1	1.60	10.0	10	ug/L	EPA 6010B	
Lead	3.9	J	1	1.9	10.0	10	ug/L	EPA 6010B	
Nickel	18.2	J	1	1.8	10.0	50	ug/L	EPA 6010B	
Thallium	0.374	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Vanadium	27.4		1	1.4	10.0	25	ug/L	EPA 6010B	
Zinc	39.9		1	3.8	10.0	10	ug/L	EPA 6010B	

Client ID: MW-25 **Lab ID:** C806641-30

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	2.2	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	0.66	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Barium	112		1	1.00	10.0	100	ug/L	EPA 6010B	
Benzene	0.62	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Chromium	31.6		1	1.0	10.0	10	ug/L	EPA 6010B	
cis-1,2-Dichloroethene	0.72	J	1	0.30	1.0	5	ug/L	EPA 8260B	
Cobalt	4.9	J	1	1.1	10.0	10	ug/L	EPA 6010B	
Copper	3.40	J	1	1.60	10.0	10	ug/L	EPA 6010B	
Lead	2.4	J	1	1.9	10.0	10	ug/L	EPA 6010B	
Nickel	20.4	J	1	1.8	10.0	50	ug/L	EPA 6010B	
Tetrachloroethene	0.45	J	1	0.36	1.0	1	ug/L	EPA 8260B	
Thallium	0.215	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Vanadium	17.3	J	1	1.4	10.0	25	ug/L	EPA 6010B	
Zinc	23.1		1	3.8	10.0	10	ug/L	EPA 6010B	

Client ID: EB **Lab ID:** C806641-32

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Methylene chloride	2.2		1	0.24	1.0	1	ug/L	EPA 8260B	

Client ID: FB **Lab ID:** C806641-33

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Methylene chloride	2.2		1	0.24	1.0	1	ug/L	EPA 8260B	

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ANALYTICAL RESULTS

Description: MW-11 MS/MSD
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-01
Sampled: 06/20/08 11:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 12:29	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	**0.98**	J	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 12:29	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
1,1-Dichloroethane [75-34-3] ^	**1.5**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 12:29	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 12:29	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 12:29	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 12:29	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**7.9**		ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 12:29	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 12:29	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 12:29	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 12:29	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 12:29	jkg	
Benzene [71-43-2] ^	**3.5**		ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 12:29	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 12:29	jkg	
Bromomethane [74-83-9] ^	**2.7**	J	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 12:29	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 12:29	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
Chlorobenzene [108-90-7] ^	**2.1**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 12:29	jkg	
Chloroethane [75-00-3] ^	**2.6**	J	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 12:29	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 12:29	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**34**		ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 12:29	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 12:29	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 12:29	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 12:29	jkg	
Methylene chloride [75-09-2] ^	**1.9**		ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
Tetrachloroethene [127-18-4] ^	**0.51**	J	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 12:29	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 12:29	jkg	
Trichloroethene [79-01-6] ^	**0.67**	J	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 12:29	jkg	

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Description:	MW-11 MS/MSD	**Lab Sample ID:**	C806641-01	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 11:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 12:29	jkg	
Vinyl chloride [75-01-4] ^	**0.60**	J	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 12:29	jkg	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 12:29	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*91 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 12:29*	*jkg*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 12:29*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*83 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 12:29*	*jkg*	

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Description: MW-11 MS/MSD
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-01
Sampled: 06/20/08 11:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:13	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:02	VLO	
Barium [7440-39-3] ^	**181**	B	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 12:02	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 12:02	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 12:02	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:02	VLO	
Cobalt [7440-48-4] ^	**98.9**		ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:02	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 12:02	VLO	
Lead [7439-92-1] ^	**4.3**	J	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:02	VLO	
Nickel [7440-02-0] ^	**19.6**	J	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 12:02	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:02	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:02	VLO	
Thallium [7440-28-0] ^	**0.384**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:13	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 12:02	VLO	
Zinc [7440-66-6] ^	**54.0**		ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 12:02	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-13
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-02
Sampled: 06/19/08 09:30
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 13:01	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 13:01	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 13:01	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 13:01	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 13:01	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 13:01	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 13:01	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 13:01	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 13:01	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 13:01	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 13:01	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 13:01	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 13:01	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 13:01	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 13:01	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 13:01	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 13:01	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 13:01	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 13:01	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 13:01	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 13:01	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 13:01	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 13:01	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 13:01	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 13:01	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 13:01	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 13:01	jkg	

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Description:	MW-13	**Lab Sample ID:**	C806641-02	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/19/08 09:30	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 13:01	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*88 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 13:01*	*jkg*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 13:01*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*83 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 13:01*	*jkg*	

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Description: MW-13
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-02
Sampled: 06/19/08 09:30
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:27	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:25	VLO	
Barium [7440-39-3] ^	**20.4**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 12:25	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 12:25	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 12:25	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:25	VLO	
Cobalt [7440-48-4] ^	**3.5**	J	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:25	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 12:25	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:25	VLO	
Nickel [7440-02-0] ^	**5.9**	J	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 12:25	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:25	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:25	VLO	
Thallium [7440-28-0] ^	**0.040**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:27	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 12:25	VLO	
Zinc [7440-66-6] ^	**13.0**		ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 12:25	VLO	

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Description: MW-6
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-03
Sampled: 06/19/08 10:10
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 13:33	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 13:33	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 13:33	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 13:33	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 13:33	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 13:33	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 13:33	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 13:33	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 13:33	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 13:33	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 13:33	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 13:33	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 13:33	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 13:33	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 13:33	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 13:33	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 13:33	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 13:33	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 13:33	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 13:33	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 13:33	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 13:33	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 13:33	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 13:33	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 13:33	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 13:33	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 13:33	jkg	

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Description:	MW-6	**Lab Sample ID:**	C806641-03	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/19/08 10:10	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 13:33	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*89 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 13:33*	*jkg*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 13:33*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 13:33*	*jkg*	

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Description: MW-6
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-03
Sampled: 06/19/08 10:10
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:29	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:33	VLO	
Barium [7440-39-3] ^	**47.2**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 12:33	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 12:33	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 12:33	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:33	VLO	
Cobalt [7440-48-4] ^	**19.3**		ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:33	VLO	
Copper [7440-50-8] ^	**3.60**	J	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 12:33	VLO	
Lead [7439-92-1] ^	**2.1**	J	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:33	VLO	
Nickel [7440-02-0] ^	**6.2**	J	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 12:33	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:33	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:33	VLO	
Thallium [7440-28-0] ^	**0.109**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:29	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 12:33	VLO	
Zinc [7440-66-6] ^	**16.5**		ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 12:33	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-14
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-04
Sampled: 06/19/08 11:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 14:05	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 14:05	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
1,1-Dichloroethane [75-34-3] ^	**1.6**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 14:05	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 14:05	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 14:05	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 14:05	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**4.0**		ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 14:05	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 14:05	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 14:05	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 14:05	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 14:05	jkg	
Benzene [71-43-2] ^	**0.68**	J	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 14:05	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 14:05	jkg	
Bromomethane [74-83-9] ^	**1.9**	J	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 14:05	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 14:05	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
Chlorobenzene [108-90-7] ^	**1.5**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 14:05	jkg	
Chloroethane [75-00-3] ^	**3.0**	J	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 14:05	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 14:05	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**13**		ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 14:05	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 14:05	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 14:05	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 14:05	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 14:05	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 14:05	jkg	
Trichloroethene [79-01-6] ^	**0.66**	J	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 14:05	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 14:05	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 14:05	jkg	

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Description:	MW-14	**Lab Sample ID:**	C806641-04	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/19/08 11:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 14:05	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*91 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 14:05*	*jkg*	
Dibromofluoromethane	*50*	*1*	*50.0*	*99 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 14:05*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*83 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 14:05*	*jkg*	

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Description: MW-14
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-04
Sampled: 06/19/08 11:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:32	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:40	VLO	
Barium [7440-39-3] ^	**102**	B	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 12:40	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 12:40	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 12:40	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:40	VLO	
Cobalt [7440-48-4] ^	**218**		ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:40	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 12:40	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:40	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	06/27/08 13:16	MPL	
Nickel [7440-02-0] ^	**16.2**	J	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 12:40	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:40	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:40	VLO	
Thallium [7440-28-0] ^	**0.118**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:32	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 12:40	VLO	
Zinc [7440-66-6] ^	**15.7**		ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 12:40	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-2
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-05
Sampled: 06/19/08 11:30
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 14:36	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 14:36	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
1,1-Dichloroethane [75-34-3] ^	**1.7**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 14:36	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 14:36	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 14:36	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 14:36	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**4.8**		ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 14:36	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 14:36	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 14:36	jkg	
Acetone [67-64-1] ^	**17**	J	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 14:36	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 14:36	jkg	
Benzene [71-43-2] ^	**1.9**		ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 14:36	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 14:36	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 14:36	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 14:36	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
Chlorobenzene [108-90-7] ^	**1.7**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 14:36	jkg	
Chloroethane [75-00-3] ^	**4.0**	J	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 14:36	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 14:36	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**15**		ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 14:36	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 14:36	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 14:36	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 14:36	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 14:36	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 14:36	jkg	
Trichloroethene [79-01-6] ^	**1.0**		ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 14:36	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 14:36	jkg	
Vinyl chloride [75-01-4] ^	**0.51**	J	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 14:36	jkg	

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Description:	MW-2	**Lab Sample ID:**	C806641-05	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/19/08 11:30	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 14:36	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*92 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 14:36*	*jkg*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 14:36*	*jkg*	
Toluene-d8	*43*	*1*	*50.0*	*86 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 14:36*	*jkg*	

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Description: MW-2
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-05
Sampled: 06/19/08 11:30
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:35	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:47	VLO	
Barium [7440-39-3] ^	**136**	B	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 12:47	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 12:47	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 12:47	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:47	VLO	
Cobalt [7440-48-4] ^	**503**		ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:47	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 12:47	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:47	VLO	
Mercury [7439-97-6] ^	**3.58**		ug/L	1	0.11	0.20	0.2	EPA 7470A	06/27/08 13:32	MPL	
Nickel [7440-02-0] ^	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 12:47	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:47	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:47	VLO	
Thallium [7440-28-0] ^	**0.262**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:35	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 12:47	VLO	
Zinc [7440-66-6] ^	**89.3**		ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 12:47	VLO	

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Description: MW-15
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-06
Sampled: 06/19/08 12:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 15:15	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 15:15	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
1,1-Dichloroethane [75-34-3] ^	**3.2**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 15:15	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 15:15	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 15:15	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 15:15	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 15:15	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 15:15	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 15:15	jkg	
Acetone [67-64-1] ^	**12**	J	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 15:15	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 15:15	jkg	
Benzene [71-43-2] ^	**0.42**	J	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 15:15	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 15:15	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 15:15	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 15:15	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 15:15	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 15:15	jkg	
Chloroform [67-66-3] ^	**0.48**	J	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 15:15	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**3.5**	J	ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 15:15	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 15:15	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 15:15	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 15:15	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 15:15	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 15:15	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 15:15	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 15:15	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 15:15	jkg	

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Description:	MW-15	**Lab Sample ID:**	C806641-06	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/19/08 12:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 15:15	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*92 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 15:15*	*jkg*	
Dibromofluoromethane	*48*	*1*	*50.0*	*97 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 15:15*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 15:15*	*jkg*	

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Description: MW-15
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-06
Sampled: 06/19/08 12:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:38	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:54	VLO	
Barium [7440-39-3] ^	**16.4**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 12:54	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 12:54	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 12:54	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:54	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:54	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 12:54	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:54	VLO	
Mercury [7439-97-6] ^	**0.12**	J	ug/L	1	0.11	0.20	0.2	EPA 7470A	06/27/08 13:35	MPL	
Nickel [7440-02-0] ^	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 12:54	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:54	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 12:54	VLO	
Thallium [7440-28-0] ^	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:38	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 12:54	VLO	
Zinc [7440-66-6] ^	**2.0**	J	ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 12:54	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-17
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-07
Sampled: 06/19/08 13:40
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 15:47	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 15:47	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
1,1-Dichloroethane [75-34-3] ^	**3.5**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 15:47	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 15:47	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 15:47	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 15:47	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 15:47	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 15:47	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 15:47	jkg	
Acetone [67-64-1] ^	**13**	J	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 15:47	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 15:47	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 15:47	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 15:47	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 15:47	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 15:47	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 15:47	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 15:47	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 15:47	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**2.9**	J	ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 15:47	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 15:47	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 15:47	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 15:47	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 15:47	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 15:47	jkg	
Trichloroethene [79-01-6] ^	**0.57**	J	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 15:47	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 15:47	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 15:47	jkg	

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Description:	MW-17	**Lab Sample ID:**	C806641-07	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/19/08 13:40	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 15:47	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*95 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 15:47*	*jkg*	
Dibromofluoromethane	*50*	*1*	*50.0*	*100 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 15:47*	*jkg*	
Toluene-d8	*43*	*1*	*50.0*	*86 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 15:47*	*jkg*	

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Description: MW-17
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-07
Sampled: 06/19/08 13:40
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:40	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:17	VLO	
Barium [7440-39-3] ^	**40.6**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 13:17	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 13:17	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 13:17	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:17	VLO	
Cobalt [7440-48-4] ^	**21.1**		ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:17	VLO	
Copper [7440-50-8] ^	**3.00**	J	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 13:17	VLO	
Lead [7439-92-1] ^	**5.4**	J	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:17	VLO	
Mercury [7439-97-6] ^	**0.29**		ug/L	1	0.11	0.20	0.2	EPA 7470A	06/27/08 13:45	MPL	
Nickel [7440-02-0] ^	**3.0**	J	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 13:17	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:17	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:17	VLO	
Thallium [7440-28-0] ^	**0.057**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:40	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 13:17	VLO	
Zinc [7440-66-6] ^	**5.1**	J	ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 13:17	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-9
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-08
Sampled: 06/19/08 14:20
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 16:19	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 16:19	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
1,1-Dichloroethane [75-34-3] ^	**1.9**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 16:19	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 16:19	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 16:19	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 16:19	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 16:19	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 16:19	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 16:19	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 16:19	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 16:19	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 16:19	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 16:19	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 16:19	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 16:19	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 16:19	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 16:19	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 16:19	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**13**		ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 16:19	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 16:19	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 16:19	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 16:19	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 16:19	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 16:19	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 16:19	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 16:19	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 16:19	jkg	

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Description:	MW-9	**Lab Sample ID:**	C806641-08	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/19/08 14:20	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 16:19	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*89 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 16:19*	*jkg*	
Dibromofluoromethane	*49*	*1*	*50.0*	*97 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 16:19*	*jkg*	
Toluene-d8	*42*	*1*	*50.0*	*84 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 16:19*	*jkg*	

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Description: MW-9
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-08
Sampled: 06/19/08 14:20
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:43	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:24	VLO	
Barium [7440-39-3] ^	**119**	B	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 13:24	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 13:24	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 13:24	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:24	VLO	
Cobalt [7440-48-4] ^	**16.5**		ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:24	VLO	
Copper [7440-50-8] ^	**1.30**	J	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 13:24	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:24	VLO	
Nickel [7440-02-0] ^	**32.6**	J	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 13:24	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:24	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:24	VLO	
Thallium [7440-28-0] ^	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:43	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 13:24	VLO	
Zinc [7440-66-6] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 13:24	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-4R
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-09
Sampled: 06/19/08 15:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 16:53	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 16:53	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
1,1-Dichloroethane [75-34-3] ^	**5.9**		ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 16:53	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 16:53	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 16:53	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 16:53	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**3.3**		ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 16:53	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 16:53	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 16:53	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 16:53	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 16:53	jkg	
Benzene [71-43-2] ^	**1.1**		ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 16:53	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 16:53	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 16:53	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 16:53	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
Chlorobenzene [108-90-7] ^	**1.0**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 16:53	jkg	
Chloroethane [75-00-3] ^	**3.5**	J	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 16:53	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 16:53	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**14**		ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 16:53	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 16:53	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 16:53	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 16:53	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 16:53	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 16:53	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 16:53	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 16:53	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 16:53	jkg	

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Description:	MW-4R	**Lab Sample ID:**	C806641-09	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/19/08 15:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 16:53	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*93 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 16:53*	*jkg*	
Dibromofluoromethane	*50*	*1*	*50.0*	*100 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 16:53*	*jkg*	
Toluene-d8	*43*	*1*	*50.0*	*85 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 16:53*	*jkg*	

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Description: MW-4R
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-09
Sampled: 06/19/08 15:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:46	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:31	VLO	
Barium [7440-39-3] ^	**115**	B	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 13:31	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 13:31	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 13:31	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:31	VLO	
Cobalt [7440-48-4] ^	**146**		ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:31	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 13:31	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:31	VLO	
Nickel [7440-02-0] ^	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 13:31	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:31	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:31	VLO	
Thallium [7440-28-0] ^	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:46	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 13:31	VLO	
Zinc [7440-66-6] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 13:31	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-10
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-10
Sampled: 06/19/08 15:50
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 17:31	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 17:31	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
1,1-Dichloroethane [75-34-3] ^	**0.78**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 17:31	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 17:31	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 17:31	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 17:31	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 17:31	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 17:31	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 17:31	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 17:31	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 17:31	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 17:31	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 17:31	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 17:31	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 17:31	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 17:31	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 17:31	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 17:31	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**2.7**	J	ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 17:31	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 17:31	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 17:31	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 17:31	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 17:31	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 17:31	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 17:31	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 17:31	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 17:31	jkg	

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Description:	MW-10	**Lab Sample ID:**	C806641-10	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/19/08 15:50	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 17:31	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*89 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 17:31*	*jkg*	
Dibromofluoromethane	*51*	*1*	*50.0*	*102 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 17:31*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*81 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 17:31*	*jkg*	

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Description: MW-10
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-10
Sampled: 06/19/08 15:50
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:54	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:38	VLO	
Barium [7440-39-3] ^	**32.0**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 13:38	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 13:38	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 13:38	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:38	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:38	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 13:38	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:38	VLO	
Nickel [7440-02-0] ^	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 13:38	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:38	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:38	VLO	
Thallium [7440-28-0] ^	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:54	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 13:38	VLO	
Zinc [7440-66-6] ^	**1.2**	J	ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 13:38	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SW-5
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-11
Sampled: 06/19/08 16:10
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 18:03	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 18:03	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
1,1-Dichloroethane [75-34-3] ^	**0.52**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 18:03	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 18:03	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 18:03	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 18:03	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 18:03	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 18:03	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 18:03	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 18:03	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 18:03	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 18:03	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 18:03	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 18:03	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 18:03	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 18:03	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 18:03	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 18:03	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 18:03	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 18:03	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 18:03	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 18:03	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 18:03	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 18:03	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 18:03	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 18:03	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 18:03	jkg	

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Description:	SW-5	**Lab Sample ID:**	C806641-11	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/19/08 16:10	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 18:03	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 18:03*	*jkg*	
Dibromofluoromethane	*51*	*1*	*50.0*	*103 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 18:03*	*jkg*	
Toluene-d8	*44*	*1*	*50.0*	*87 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 18:03*	*jkg*	

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Description:	SW-5	**Lab Sample ID:**	C806641-11	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/19/08 16:10	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:57	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:45	VLO	
Barium [7440-39-3] ^	**41.5**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 13:45	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 13:45	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 13:45	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:45	VLO	
Cobalt [7440-48-4] ^	**15.7**		ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:45	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 13:45	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:45	VLO	
Nickel [7440-02-0] ^	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 13:45	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:45	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:45	VLO	
Thallium [7440-28-0] ^	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:57	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 13:45	VLO	
Zinc [7440-66-6] ^	**9.4**	J	ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 13:45	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-27
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-12
Sampled: 06/20/08 08:30
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 18:40	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 18:40	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
1,1-Dichloroethane [75-34-3] ^	**1.2**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 18:40	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 18:40	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 18:40	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 18:40	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 18:40	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 18:40	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 18:40	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 18:40	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 18:40	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 18:40	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 18:40	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 18:40	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 18:40	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 18:40	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 18:40	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 18:40	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**14**		ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 18:40	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 18:40	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 18:40	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 18:40	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 18:40	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 18:40	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 18:40	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 18:40	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 18:40	jkg	

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Description:	MW-27	**Lab Sample ID:**	C806641-12	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 08:30	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 18:40	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 18:40*	*jkg*	
Dibromofluoromethane	*51*	*1*	*50.0*	*101 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 18:40*	*jkg*	
Toluene-d8	*44*	*1*	*50.0*	*87 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 18:40*	*jkg*	

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Description: MW-27
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-12
Sampled: 06/20/08 08:30
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 14:00	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:52	VLO	
Barium [7440-39-3] ^	**58.0**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 13:52	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 13:52	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 13:52	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:52	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:52	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 13:52	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:52	VLO	
Nickel [7440-02-0] ^	**3.7**	J	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 13:52	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:52	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:52	VLO	
Thallium [7440-28-0] ^	**0.041**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 14:00	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 13:52	VLO	
Zinc [7440-66-6] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 13:52	VLO	

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Description: MW-24
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-13
Sampled: 06/20/08 09:10
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 19:12	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 19:12	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
1,1-Dichloroethane [75-34-3] ^	**0.92**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 19:12	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 19:12	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 19:12	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 19:12	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**2.2**		ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 19:12	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 19:12	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 19:12	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 19:12	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 19:12	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 19:12	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 19:12	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 19:12	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 19:12	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 19:12	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 19:12	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 19:12	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**4.7**	J	ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 19:12	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 19:12	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 19:12	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 19:12	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 19:12	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 19:12	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 19:12	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 19:12	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 19:12	jkg	

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Description:	MW-24	**Lab Sample ID:**	C806641-13	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 09:10	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 19:12	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*90 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 19:12*	*jkg*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 19:12*	*jkg*	
Toluene-d8	*42*	*1*	*50.0*	*84 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 19:12*	*jkg*	

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Description: MW-24
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-13
Sampled: 06/20/08 09:10
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 14:03	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:59	VLO	
Barium [7440-39-3] ^	**84.8**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 13:59	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 13:59	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 13:59	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:59	VLO	
Cobalt [7440-48-4] ^	**34.4**		ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:59	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 13:59	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:59	VLO	
Mercury [7439-97-6] ^	**0.16**	J	ug/L	1	0.11	0.20	0.2	EPA 7470A	06/27/08 13:48	MPL	
Nickel [7440-02-0] ^	**2.2**	J	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 13:59	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:59	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 13:59	VLO	
Thallium [7440-28-0] ^	**0.082**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 14:03	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 13:59	VLO	
Zinc [7440-66-6] ^	**7.7**	J	ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 13:59	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-12D
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-14
Sampled: 06/20/08 09:50
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/26/08 19:49	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/26/08 19:49	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
1,1-Dichloroethane [75-34-3] ^	**0.66**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/26/08 19:49	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 19:49	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/26/08 19:49	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/26/08 19:49	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/26/08 19:49	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/26/08 19:49	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/26/08 19:49	jkg	
Acetone [67-64-1] ^	**25**	J	ug/L	1	0.62	5.0	100	EPA 8260B	06/26/08 19:49	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/26/08 19:49	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 19:49	jkg	
Bromodichloromethane [75-27-4] ^	**0.77**	J	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/26/08 19:49	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/26/08 19:49	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/26/08 19:49	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/26/08 19:49	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/26/08 19:49	jkg	
Chloroform [67-66-3] ^	**6.4**		ug/L	1	0.20	1.0	5	EPA 8260B	06/26/08 19:49	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**0.49**	J	ug/L	1	0.30	1.0	5	EPA 8260B	06/26/08 19:49	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/26/08 19:49	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/26/08 19:49	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/26/08 19:49	jkg	
Methylene chloride [75-09-2] ^	**2.4**		ug/L	1	0.24	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/26/08 19:49	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/26/08 19:49	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/26/08 19:49	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/26/08 19:49	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/26/08 19:49	jkg	

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Description:	MW-12D	**Lab Sample ID:**	C806641-14	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 09:50	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/26/08 19:49	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*95 %*	*69-120*	*8F26008*	*EPA 8260B*	*06/26/08 19:49*	*jkg*	
Dibromofluoromethane	*51*	*1*	*50.0*	*102 %*	*61-120*	*8F26008*	*EPA 8260B*	*06/26/08 19:49*	*jkg*	
Toluene-d8	*43*	*1*	*50.0*	*86 %*	*75-99*	*8F26008*	*EPA 8260B*	*06/26/08 19:49*	*jkg*	

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Description:	MW-12D	**Lab Sample ID:**	C806641-14	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 09:50	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 14:06	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:06	VLO	
Barium [7440-39-3] ^	**10.5**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 14:06	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 14:06	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 14:06	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:06	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:06	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 14:06	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:06	VLO	
Nickel [7440-02-0] ^	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 14:06	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:06	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:06	VLO	
Thallium [7440-28-0] ^	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 14:06	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 14:06	VLO	
Zinc [7440-66-6] ^	**149**		ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 14:06	VLO	

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Description: MW-12
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-15
Sampled: 06/20/08 10:25
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/30/08 16:36	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/30/08 16:36	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
1,1-Dichloroethane [75-34-3] ^	**3.6**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/30/08 16:36	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/30/08 16:36	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/30/08 16:36	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/30/08 16:36	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**7.4**		ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/30/08 16:36	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/30/08 16:36	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/30/08 16:36	jkg	
Acetone [67-64-1] ^	**8.0**	J	ug/L	1	0.62	5.0	100	EPA 8260B	06/30/08 16:36	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/30/08 16:36	jkg	
Benzene [71-43-2] ^	**6.4**		ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/30/08 16:36	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/30/08 16:36	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/30/08 16:36	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/30/08 16:36	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
Chlorobenzene [108-90-7] ^	**1.7**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/30/08 16:36	jkg	
Chloroethane [75-00-3] ^	**1.3**	J	ug/L	1	0.30	1.0	10	EPA 8260B	06/30/08 16:36	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/30/08 16:36	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**11**		ug/L	1	0.30	1.0	5	EPA 8260B	06/30/08 16:36	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/30/08 16:36	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/30/08 16:36	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/30/08 16:36	jkg	
Methylene chloride [75-09-2] ^	**1.8**		ug/L	1	0.24	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
Tetrachloroethene [127-18-4] ^	**1.0**		ug/L	1	0.36	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/30/08 16:36	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/30/08 16:36	jkg	
Trichloroethene [79-01-6] ^	**2.2**		ug/L	1	0.25	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/30/08 16:36	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/30/08 16:36	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/30/08 16:36	jkg	

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Description:	MW-12	**Lab Sample ID:**	C806641-15	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 10:25	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/30/08 16:36	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*69-120*	*8F30005*	*EPA 8260B*	*06/30/08 16:36*	*jkg*	
Dibromofluoromethane	*42*	*1*	*50.0*	*84 %*	*61-120*	*8F30005*	*EPA 8260B*	*06/30/08 16:36*	*jkg*	
Toluene-d8	*43*	*1*	*50.0*	*85 %*	*75-99*	*8F30005*	*EPA 8260B*	*06/30/08 16:36*	*jkg*	

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Description: MW-12
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-15
Sampled: 06/20/08 10:25
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 14:08	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:13	VLO	
Barium [7440-39-3] ^	**89.3**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 14:13	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 14:13	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 14:13	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:13	VLO	
Cobalt [7440-48-4] ^	**3.3**	J	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:13	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 14:13	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:13	VLO	
Nickel [7440-02-0] ^	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 14:13	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:13	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:13	VLO	
Thallium [7440-28-0] ^	**0.075**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 14:08	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 14:13	VLO	
Zinc [7440-66-6] ^	**5.6**	J	ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 14:13	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-3
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-16
Sampled: 06/20/08 11:30
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 00:27	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 00:27	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
1,1-Dichloroethane [75-34-3] ^	**0.67**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 00:27	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 00:27	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 00:27	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
1,2-Dichlorobenzene [95-50-1] ^	**0.44**	J	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 00:27	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**7.0**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 00:27	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 00:27	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 00:27	jkg	
Acetone [67-64-1] ^	**8.2**	J	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 00:27	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 00:27	jkg	
Benzene [71-43-2] ^	**6.7**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 00:27	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 00:27	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 00:27	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 00:27	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
Chlorobenzene [108-90-7] ^	**0.98**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 00:27	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 00:27	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 00:27	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**9.6**		ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 00:27	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 00:27	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 00:27	jkg	
Ethylbenzene [100-41-4] ^	**2.0**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 00:27	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
Tetrachloroethene [127-18-4] ^	**0.55**	J	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
Toluene [108-88-3] ^	**1.5**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 00:27	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 00:27	jkg	
Trichloroethene [79-01-6] ^	**1.4**		ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 00:27	jkg	
Vinyl chloride [75-01-4] ^	**0.93**	J	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 00:27	jkg	
Xylenes (Total) [1330-20-7]	**13**		ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 00:27	jkg	

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Description:	MW-3	**Lab Sample ID:**	C806641-16	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 11:30	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	**Notes**
4-Bromofluorobenzene	*40*	*1*	*50.0*	*80 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 00:27*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*79 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 00:27*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 00:27*	*jkg*	

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Description:	MW-3	**Lab Sample ID:**	C806641-16	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 11:30	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 14:11	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:20	VLO	
Barium [7440-39-3] ^	**43.6**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 14:20	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 14:20	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 14:20	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:20	VLO	
Cobalt [7440-48-4] ^	**8.3**	J	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:20	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 14:20	VLO	
Lead [7439-92-1] ^	**3.3**	J	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:20	VLO	
Nickel [7440-02-0] ^	**8.5**	J	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 14:20	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:20	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:20	VLO	
Thallium [7440-28-0] ^	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 14:11	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 14:20	VLO	
Zinc [7440-66-6] ^	**13.1**		ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 14:20	VLO	

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Description: MW-19
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-17
Sampled: 06/23/08 12:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 00:58	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 00:58	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 00:58	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 00:58	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 00:58	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 00:58	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 00:58	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 00:58	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 00:58	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 00:58	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 00:58	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 00:58	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 00:58	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 00:58	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 00:58	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 00:58	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 00:58	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 00:58	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 00:58	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 00:58	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 00:58	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 00:58	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 00:58	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 00:58	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 00:58	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 00:58	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 00:58	jkg	

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Description:	MW-19	**Lab Sample ID:**	C806641-17	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/23/08 12:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 00:58	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 00:58*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*82 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 00:58*	*jkg*	
Toluene-d8	*42*	*1*	*50.0*	*83 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 00:58*	*jkg*	

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Description: MW-19
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-17
Sampled: 06/23/08 12:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 14:14	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:44	VLO	
Barium [7440-39-3] ^	**17.0**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 14:44	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 14:44	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 14:44	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:44	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:44	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 14:44	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:44	VLO	
Nickel [7440-02-0] ^	**2.4**	J	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 14:44	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:44	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:44	VLO	
Thallium [7440-28-0] ^	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 14:14	JDH	
Vanadium [7440-62-2] ^	**1.3**	J	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 14:44	VLO	
Zinc [7440-66-6] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 14:44	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-26
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-18
Sampled: 06/20/08 12:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 01:28	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 01:28	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
1,1-Dichloroethane [75-34-3] ^	**1.3**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 01:28	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 01:28	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 01:28	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 01:28	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**2.4**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 01:28	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 01:28	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 01:28	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 01:28	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 01:28	jkg	
Benzene [71-43-2] ^	**1.6**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 01:28	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 01:28	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 01:28	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 01:28	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
Chlorobenzene [108-90-7] ^	**0.71**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 01:28	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 01:28	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 01:28	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**27**		ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 01:28	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 01:28	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 01:28	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 01:28	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 01:28	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 01:28	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 01:28	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 01:28	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 01:28	jkg	

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Description:	MW-26	**Lab Sample ID:**	C806641-18	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 12:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 01:28	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*80 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 01:28*	*jkg*	
Dibromofluoromethane	*39*	*1*	*50.0*	*79 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 01:28*	*jkg*	
Toluene-d8	*40*	*1*	*50.0*	*81 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 01:28*	*jkg*	

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Description: MW-26
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-18
Sampled: 06/20/08 12:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 14:17	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:51	VLO	
Barium [7440-39-3] ^	**70.1**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 14:51	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 14:51	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 14:51	VLO	
Chromium [7440-47-3] ^	**3.9**	J	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:51	VLO	
Cobalt [7440-48-4] ^	**28.9**		ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:51	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 14:51	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:51	VLO	
Nickel [7440-02-0] ^	**13.0**	J	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 14:51	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:51	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:51	VLO	
Thallium [7440-28-0] ^	**0.074**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 14:17	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 14:51	VLO	
Zinc [7440-66-6] ^	**18.9**		ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 14:51	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-7
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-19
Sampled: 06/20/08 13:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 01:59	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 01:59	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
1,1-Dichloroethane [75-34-3] ^	**3.3**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 01:59	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 01:59	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 01:59	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 01:59	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**2.0**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 01:59	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 01:59	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 01:59	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 01:59	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 01:59	jkg	
Benzene [71-43-2] ^	**4.1**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 01:59	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 01:59	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 01:59	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 01:59	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
Chlorobenzene [108-90-7] ^	**0.74**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 01:59	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 01:59	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 01:59	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**6.4**		ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 01:59	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 01:59	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 01:59	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 01:59	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 01:59	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 01:59	jkg	
Trichloroethene [79-01-6] ^	**0.80**	J	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 01:59	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 01:59	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 01:59	jkg	

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Description:	MW-7	**Lab Sample ID:**	C806641-19	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 13:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 01:59	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 01:59*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*81 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 01:59*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 01:59*	*jkg*	

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Description:	MW-7	**Lab Sample ID:**	C806641-19	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 13:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 14:19	JDH	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:58	VLO	
Barium [7440-39-3] ^	**9.20**	JB	ug/L	1	0.20	10.0	100	EPA 6010B	06/30/08 14:58	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	06/30/08 14:58	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	06/30/08 14:58	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:58	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:58	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	06/30/08 14:58	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:58	VLO	
Nickel [7440-02-0] ^	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	06/30/08 14:58	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:58	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	06/30/08 14:58	VLO	
Thallium [7440-28-0] ^	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 14:19	JDH	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	06/30/08 14:58	VLO	
Zinc [7440-66-6] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/30/08 14:58	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-23
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-20
Sampled: 06/20/08 13:35
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 02:30	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 02:30	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
1,1-Dichloroethane [75-34-3] ^	**0.73**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 02:30	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 02:30	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 02:30	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 02:30	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 02:30	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 02:30	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 02:30	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 02:30	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 02:30	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 02:30	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 02:30	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 02:30	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 02:30	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 02:30	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 02:30	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 02:30	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**4.2**	J	ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 02:30	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 02:30	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 02:30	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 02:30	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 02:30	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 02:30	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 02:30	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 02:30	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 02:30	jkg	

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Description:	MW-23	**Lab Sample ID:**	C806641-20	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 13:35	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 02:30	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*80 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 02:30*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*80 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 02:30*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*83 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 02:30*	*jkg*	

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Description:	MW-23	**Lab Sample ID:**	C806641-20	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 13:35	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 14:37	JDH	
Arsenic [7440-38-2] ^	**4.4**	J	ug/L	1	2.8	10.0	10	EPA 6010B	07/07/08 11:29	VLO	
Barium [7440-39-3] ^	**58.2**	J	ug/L	1	1.00	10.0	100	EPA 6010B	07/07/08 11:29	VLO	
Beryllium [7440-41-7] ^	**0.20**	JB	ug/L	1	0.10	1.00	1	EPA 6010B	07/07/08 11:29	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	07/07/08 11:29	VLO	
Chromium [7440-47-3] ^	**4.3**	J	ug/L	1	1.0	10.0	10	EPA 6010B	07/07/08 11:29	VLO	
Cobalt [7440-48-4] ^	**8.5**	J	ug/L	1	1.1	10.0	10	EPA 6010B	07/07/08 11:29	VLO	
Copper [7440-50-8] ^	**2.60**	J	ug/L	1	1.60	10.0	10	EPA 6010B	07/07/08 11:29	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 11:29	VLO	
Nickel [7440-02-0] ^	**7.5**	J	ug/L	1	1.8	10.0	50	EPA 6010B	07/07/08 11:29	VLO	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	07/07/08 11:29	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 11:29	VLO	
Thallium [7440-28-0] ^	**0.070**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 14:37	JDH	
Vanadium [7440-62-2] ^	**2.1**	J	ug/L	1	1.4	10.0	25	EPA 6010B	07/07/08 11:29	VLO	
Zinc [7440-66-6] ^	**7.9**	J	ug/L	1	3.8	10.0	10	EPA 6010B	07/07/08 11:29	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SW-4R
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-21
Sampled: 06/20/08 13:50
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 03:00	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 03:00	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 03:00	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 03:00	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 03:00	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 03:00	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 03:00	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 03:00	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 03:00	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 03:00	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 03:00	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 03:00	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 03:00	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 03:00	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 03:00	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 03:00	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 03:00	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 03:00	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 03:00	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 03:00	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 03:00	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 03:00	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 03:00	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 03:00	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 03:00	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 03:00	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 03:00	jkg	

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Description:	SW-4R	**Lab Sample ID:**	C806641-21	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 13:50	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 03:00	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*80 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 03:00*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*81 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 03:00*	*jkg*	
Toluene-d8	*42*	*1*	*50.0*	*83 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 03:00*	*jkg*	

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Description:	SW-4R	**Lab Sample ID:**	C806641-21	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 13:50	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 12:28	JDH	
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	07/07/08 11:53	VLO	
Barium [7440-39-3] ^	**40.0**	J	ug/L	1	1.00	10.0	100	EPA 6010B	07/07/08 11:53	VLO	
Beryllium [7440-41-7] ^	0.10	U	ug/L	1	0.10	1.00	1	EPA 6010B	07/07/08 11:53	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	07/07/08 11:53	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	07/07/08 11:53	VLO	
Cobalt [7440-48-4] ^	**1.9**	J	ug/L	1	1.1	10.0	10	EPA 6010B	07/07/08 11:53	VLO	
Copper [7440-50-8] ^	1.60	U	ug/L	1	1.60	10.0	10	EPA 6010B	07/07/08 11:53	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 11:53	VLO	
Nickel [7440-02-0] ^	1.8	U	ug/L	1	1.8	10.0	50	EPA 6010B	07/07/08 11:53	VLO	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	07/07/08 11:53	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 11:53	VLO	
Thallium [7440-28-0] ^	**0.084**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 12:28	JDH	
Vanadium [7440-62-2] ^	**2.1**	J	ug/L	1	1.4	10.0	25	EPA 6010B	07/07/08 11:53	VLO	
Zinc [7440-66-6] ^	**4.1**	J	ug/L	1	3.8	10.0	10	EPA 6010B	07/07/08 11:53	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-1B
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-22
Sampled: 06/20/08 14:25
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 03:31	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 03:31	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
1,1-Dichloroethane [75-34-3] ^	**1.8**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 03:31	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 03:31	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 03:31	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 03:31	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**2.1**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 03:31	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 03:31	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 03:31	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 03:31	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 03:31	jkg	
Benzene [71-43-2] ^	**1.7**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 03:31	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 03:31	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 03:31	jkg	
Carbon disulfide [75-15-0] ^	**0.44**	J	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 03:31	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 03:31	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 03:31	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 03:31	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**5.0**		ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 03:31	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 03:31	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 03:31	jkg	
Ethylbenzene [100-41-4] ^	**0.69**	J	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 03:31	jkg	
Methylene chloride [75-09-2] ^	**2.6**		ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 03:31	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 03:31	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 03:31	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 03:31	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 03:31	jkg	

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Description:	MW-1B	**Lab Sample ID:**	C806641-22	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 14:25	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	**6.8**		ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 03:31	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*81 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 03:31*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*81 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 03:31*	*jkg*	
Toluene-d8	*42*	*1*	*50.0*	*83 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 03:31*	*jkg*	

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Description: MW-1B
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-22
Sampled: 06/20/08 14:25
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 12:36	JDH	
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	07/07/08 12:00	VLO	
Barium [7440-39-3] ^	**78.9**	J	ug/L	1	1.00	10.0	100	EPA 6010B	07/07/08 12:00	VLO	
Beryllium [7440-41-7] ^	0.10	U	ug/L	1	0.10	1.00	1	EPA 6010B	07/07/08 12:00	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	07/07/08 12:00	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	07/07/08 12:00	VLO	
Cobalt [7440-48-4] ^	**56.8**		ug/L	1	1.1	10.0	10	EPA 6010B	07/07/08 12:00	VLO	
Copper [7440-50-8] ^	1.60	U	ug/L	1	1.60	10.0	10	EPA 6010B	07/07/08 12:00	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:00	VLO	
Mercury [7439-97-6] ^	**1.11**		ug/L	1	0.11	0.20	0.2	EPA 7470A	06/27/08 13:51	MPL	
Nickel [7440-02-0] ^	**6.5**	J	ug/L	1	1.8	10.0	50	EPA 6010B	07/07/08 12:00	VLO	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	07/07/08 12:00	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:00	VLO	
Thallium [7440-28-0] ^	**0.132**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 12:36	JDH	
Vanadium [7440-62-2] ^	1.4	U	ug/L	1	1.4	10.0	25	EPA 6010B	07/07/08 12:00	VLO	
Zinc [7440-66-6] ^	**20.0**		ug/L	1	3.8	10.0	10	EPA 6010B	07/07/08 12:00	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-1
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-23
Sampled: 06/20/08 15:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 04:01	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 04:01	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
1,1-Dichloroethane [75-34-3] ^	**1.6**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 04:01	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 04:01	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 04:01	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 04:01	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**3.2**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 04:01	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 04:01	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 04:01	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 04:01	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 04:01	jkg	
Benzene [71-43-2] ^	**4.0**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 04:01	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 04:01	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 04:01	jkg	
Carbon disulfide [75-15-0] ^	**0.44**	J	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 04:01	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 04:01	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 04:01	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 04:01	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**8.0**		ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 04:01	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 04:01	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 04:01	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 04:01	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 04:01	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 04:01	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 04:01	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 04:01	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 04:01	jkg	

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Description:	MW-1	**Lab Sample ID:**	C806641-23	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 15:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	**0.40**	J	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 04:01	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*39*	*1*	*50.0*	*79 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 04:01*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*79 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 04:01*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*83 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 04:01*	*jkg*	

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Description:	MW-1	**Lab Sample ID:**	C806641-23	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 15:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 12:39	JDH	
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	07/07/08 12:07	VLO	
Barium [7440-39-3] ^	**49.8**	J	ug/L	1	1.00	10.0	100	EPA 6010B	07/07/08 12:07	VLO	
Beryllium [7440-41-7] ^	0.10	U	ug/L	1	0.10	1.00	1	EPA 6010B	07/07/08 12:07	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	07/07/08 12:07	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	07/07/08 12:07	VLO	
Cobalt [7440-48-4] ^	**30.2**		ug/L	1	1.1	10.0	10	EPA 6010B	07/07/08 12:07	VLO	
Copper [7440-50-8] ^	1.60	U	ug/L	1	1.60	10.0	10	EPA 6010B	07/07/08 12:07	VLO	
Lead [7439-92-1] ^	**2.7**	J	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:07	VLO	
Mercury [7439-97-6] ^	**0.11**	J	ug/L	1	0.11	0.20	0.2	EPA 7470A	06/27/08 13:54	MPL	
Nickel [7440-02-0] ^	**11.9**	J	ug/L	1	1.8	10.0	50	EPA 6010B	07/07/08 12:07	VLO	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	07/07/08 12:07	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:07	VLO	
Thallium [7440-28-0] ^	**0.046**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 12:39	JDH	
Vanadium [7440-62-2] ^	1.4	U	ug/L	1	1.4	10.0	25	EPA 6010B	07/07/08 12:07	VLO	
Zinc [7440-66-6] ^	**39.1**		ug/L	1	3.8	10.0	10	EPA 6010B	07/07/08 12:07	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-5
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-24
Sampled: 06/20/08 15:40
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 04:32	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 04:32	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
1,1-Dichloroethane [75-34-3] ^	**4.2**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 04:32	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 04:32	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 04:32	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 04:32	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**1.4**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 04:32	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 04:32	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 04:32	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 04:32	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 04:32	jkg	
Benzene [71-43-2] ^	**3.3**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 04:32	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 04:32	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 04:32	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 04:32	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
Chlorobenzene [108-90-7] ^	**0.43**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 04:32	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 04:32	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 04:32	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**8.2**		ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 04:32	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 04:32	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 04:32	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 04:32	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 04:32	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 04:32	jkg	
Trichloroethene [79-01-6] ^	**0.67**	J	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 04:32	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 04:32	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 04:32	jkg	

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Description:	MW-5	**Lab Sample ID:**	C806641-24	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 15:40	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 04:32	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 04:32*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*81 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 04:32*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*83 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 04:32*	*jkg*	

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Description: MW-5
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-24
Sampled: 06/20/08 15:40
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 12:47	JDH	
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	07/07/08 12:14	VLO	
Barium [7440-39-3] ^	**67.8**	J	ug/L	1	1.00	10.0	100	EPA 6010B	07/07/08 12:14	VLO	
Beryllium [7440-41-7] ^	0.10	U	ug/L	1	0.10	1.00	1	EPA 6010B	07/07/08 12:14	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	07/07/08 12:14	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	07/07/08 12:14	VLO	
Cobalt [7440-48-4] ^	1.1	U	ug/L	1	1.1	10.0	10	EPA 6010B	07/07/08 12:14	VLO	
Copper [7440-50-8] ^	1.60	U	ug/L	1	1.60	10.0	10	EPA 6010B	07/07/08 12:14	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:14	VLO	
Nickel [7440-02-0] ^	1.8	U	ug/L	1	1.8	10.0	50	EPA 6010B	07/07/08 12:14	VLO	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	07/07/08 12:14	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:14	VLO	
Thallium [7440-28-0] ^	**0.044**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 12:47	JDH	
Vanadium [7440-62-2] ^	1.4	U	ug/L	1	1.4	10.0	25	EPA 6010B	07/07/08 12:14	VLO	
Zinc [7440-66-6] ^	**10.9**		ug/L	1	3.8	10.0	10	EPA 6010B	07/07/08 12:14	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-16
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-25
Sampled: 06/20/08 16:20
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 05:02	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 05:02	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
1,1-Dichloroethane [75-34-3] ^	**13**		ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 05:02	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 05:02	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 05:02	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 05:02	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
1,2-Dichloropropane [78-87-5] ^	**0.90**	J	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**1.8**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 05:02	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 05:02	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 05:02	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 05:02	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 05:02	jkg	
Benzene [71-43-2] ^	**3.2**		ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 05:02	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 05:02	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 05:02	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 05:02	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 05:02	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 05:02	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 05:02	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**12**		ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 05:02	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 05:02	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 05:02	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 05:02	jkg	
Methylene chloride [75-09-2] ^	**3.2**		ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
Tetrachloroethene [127-18-4] ^	**2.4**		ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 05:02	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 05:02	jkg	
Trichloroethene [79-01-6] ^	**3.5**		ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 05:02	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 05:02	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 05:02	jkg	

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Description:	MW-16	**Lab Sample ID:**	C806641-25	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/20/08 16:20	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	**2.2**	J	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 05:02	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*80 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 05:02*	*jkg*	
Dibromofluoromethane	*39*	*1*	*50.0*	*79 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 05:02*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 05:02*	*jkg*	

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Description: MW-16
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-25
Sampled: 06/20/08 16:20
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 12:50	JDH	
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	07/07/08 12:21	VLO	
Barium [7440-39-3] ^	**60.5**	J	ug/L	1	1.00	10.0	100	EPA 6010B	07/07/08 12:21	VLO	
Beryllium [7440-41-7] ^	0.10	U	ug/L	1	0.10	1.00	1	EPA 6010B	07/07/08 12:21	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	07/07/08 12:21	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	07/07/08 12:21	VLO	
Cobalt [7440-48-4] ^	**12.0**		ug/L	1	1.1	10.0	10	EPA 6010B	07/07/08 12:21	VLO	
Copper [7440-50-8] ^	**2.10**	J	ug/L	1	1.60	10.0	10	EPA 6010B	07/07/08 12:21	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:21	VLO	
Mercury [7439-97-6] ^	**0.45**		ug/L	1	0.11	0.20	0.2	EPA 7470A	06/27/08 13:57	MPL	
Nickel [7440-02-0] ^	**5.5**	J	ug/L	1	1.8	10.0	50	EPA 6010B	07/07/08 12:21	VLO	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	07/07/08 12:21	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:21	VLO	
Thallium [7440-28-0] ^	**0.154**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 12:50	JDH	
Vanadium [7440-62-2] ^	1.4	U	ug/L	1	1.4	10.0	25	EPA 6010B	07/07/08 12:21	VLO	
Zinc [7440-66-6] ^	**10.6**		ug/L	1	3.8	10.0	10	EPA 6010B	07/07/08 12:21	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-22
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-26
Sampled: 06/23/08 09:30
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 05:32	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 05:32	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 05:32	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 05:32	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 05:32	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 05:32	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 05:32	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 05:32	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 05:32	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 05:32	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 05:32	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 05:32	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 05:32	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 05:32	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 05:32	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 05:32	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 05:32	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 05:32	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 05:32	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 05:32	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 05:32	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 05:32	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 05:32	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 05:32	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 05:32	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 05:32	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 05:32	jkg	

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Description:	MW-22	**Lab Sample ID:**	C806641-26	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/23/08 09:30	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 05:32	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*79 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 05:32*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*79 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 05:32*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 05:32*	*jkg*	

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Description:	MW-22	**Lab Sample ID:**	C806641-26	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/23/08 09:30	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 12:53	JDH	
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	07/07/08 12:44	VLO	
Barium [7440-39-3] ^	**44.4**	J	ug/L	1	1.00	10.0	100	EPA 6010B	07/07/08 12:44	VLO	
Beryllium [7440-41-7] ^	0.10	U	ug/L	1	0.10	1.00	1	EPA 6010B	07/07/08 12:44	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	07/07/08 12:44	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	07/07/08 12:44	VLO	
Cobalt [7440-48-4] ^	**1.3**	J	ug/L	1	1.1	10.0	10	EPA 6010B	07/07/08 12:44	VLO	
Copper [7440-50-8] ^	1.60	U	ug/L	1	1.60	10.0	10	EPA 6010B	07/07/08 12:44	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:44	VLO	
Nickel [7440-02-0] ^	**1.9**	J	ug/L	1	1.8	10.0	50	EPA 6010B	07/07/08 12:44	VLO	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	07/07/08 12:44	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:44	VLO	
Thallium [7440-28-0] ^	**0.045**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 12:53	JDH	
Vanadium [7440-62-2] ^	1.4	U	ug/L	1	1.4	10.0	25	EPA 6010B	07/07/08 12:44	VLO	
Zinc [7440-66-6] ^	**6.2**	J	ug/L	1	3.8	10.0	10	EPA 6010B	07/07/08 12:44	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-21
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-27
Sampled: 06/23/08 10:10
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 06:03	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 06:03	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
1,1-Dichloroethane [75-34-3] ^	**1.8**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 06:03	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 06:03	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 06:03	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 06:03	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 06:03	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 06:03	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 06:03	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 06:03	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 06:03	jkg	
Benzene [71-43-2] ^	**0.42**	J	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 06:03	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 06:03	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 06:03	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 06:03	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 06:03	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 06:03	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 06:03	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**1.4**	J	ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 06:03	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 06:03	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 06:03	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 06:03	jkg	
Methylene chloride [75-09-2] ^	**0.91**	J	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 06:03	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 06:03	jkg	
Trichloroethene [79-01-6] ^	**0.44**	J	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 06:03	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 06:03	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 06:03	jkg	

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Description:	MW-21	**Lab Sample ID:**	C806641-27	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/23/08 10:10	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 06:03	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*84 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 06:03*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*80 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 06:03*	*jkg*	
Toluene-d8	*42*	*1*	*50.0*	*83 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 06:03*	*jkg*	

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Description:	MW-21	**Lab Sample ID:**	C806641-27	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/23/08 10:10	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 12:56	JDH	
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	07/07/08 12:51	VLO	
Barium [7440-39-3] ^	**45.2**	J	ug/L	1	1.00	10.0	100	EPA 6010B	07/07/08 12:51	VLO	
Beryllium [7440-41-7] ^	0.10	U	ug/L	1	0.10	1.00	1	EPA 6010B	07/07/08 12:51	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	07/07/08 12:51	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	07/07/08 12:51	VLO	
Cobalt [7440-48-4] ^	**3.8**	J	ug/L	1	1.1	10.0	10	EPA 6010B	07/07/08 12:51	VLO	
Copper [7440-50-8] ^	1.60	U	ug/L	1	1.60	10.0	10	EPA 6010B	07/07/08 12:51	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:51	VLO	
Nickel [7440-02-0] ^	**3.1**	J	ug/L	1	1.8	10.0	50	EPA 6010B	07/07/08 12:51	VLO	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	07/07/08 12:51	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:51	VLO	
Thallium [7440-28-0] ^	**0.057**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 12:56	JDH	
Vanadium [7440-62-2] ^	1.4	U	ug/L	1	1.4	10.0	25	EPA 6010B	07/07/08 12:51	VLO	
Zinc [7440-66-6] ^	**4.3**	J	ug/L	1	3.8	10.0	10	EPA 6010B	07/07/08 12:51	VLO	

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Description: MW-20
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-28
Sampled: 06/23/08 11:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 06:33	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 06:33	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
1,1-Dichloroethane [75-34-3] ^	**0.77**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 06:33	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 06:33	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 06:33	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 06:33	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 06:33	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 06:33	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 06:33	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 06:33	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 06:33	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 06:33	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 06:33	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 06:33	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 06:33	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 06:33	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 06:33	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 06:33	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 06:33	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 06:33	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 06:33	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 06:33	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 06:33	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 06:33	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 06:33	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 06:33	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 06:33	jkg	

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Description:	MW-20	**Lab Sample ID:**	C806641-28	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/23/08 11:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 06:33	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 06:33*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*82 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 06:33*	*jkg*	
Toluene-d8	*42*	*1*	*50.0*	*84 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 06:33*	*jkg*	

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Description: MW-20
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-28
Sampled: 06/23/08 11:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 12:59	JDH	
Arsenic [7440-38-2] ^	**3.1**	J	ug/L	1	2.8	10.0	10	EPA 6010B	07/07/08 12:58	VLO	
Barium [7440-39-3] ^	**90.7**	J	ug/L	1	1.00	10.0	100	EPA 6010B	07/07/08 12:58	VLO	
Beryllium [7440-41-7] ^	**0.10**	JB	ug/L	1	0.10	1.00	1	EPA 6010B	07/07/08 12:58	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	07/07/08 12:58	VLO	
Chromium [7440-47-3] ^	**11.4**		ug/L	1	1.0	10.0	10	EPA 6010B	07/07/08 12:58	VLO	
Cobalt [7440-48-4] ^	**2.6**	J	ug/L	1	1.1	10.0	10	EPA 6010B	07/07/08 12:58	VLO	
Copper [7440-50-8] ^	**9.70**	J	ug/L	1	1.60	10.0	10	EPA 6010B	07/07/08 12:58	VLO	
Lead [7439-92-1] ^	**4.0**	J	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:58	VLO	
Nickel [7440-02-0] ^	**10.4**	J	ug/L	1	1.8	10.0	50	EPA 6010B	07/07/08 12:58	VLO	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	07/07/08 12:58	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 12:58	VLO	
Thallium [7440-28-0] ^	**0.125**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 12:59	JDH	
Vanadium [7440-62-2] ^	**11.6**	J	ug/L	1	1.4	10.0	25	EPA 6010B	07/07/08 12:58	VLO	
Zinc [7440-66-6] ^	**18.9**		ug/L	1	3.8	10.0	10	EPA 6010B	07/07/08 12:58	VLO	

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Description: MW-18
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-29
Sampled: 06/23/08 13:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 07:03	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 07:03	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 07:03	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 07:03	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 07:03	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 07:03	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 07:03	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 07:03	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 07:03	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 07:03	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 07:03	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 07:03	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 07:03	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 07:03	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 07:03	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 07:03	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 07:03	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 07:03	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 07:03	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 07:03	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 07:03	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 07:03	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 07:03	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 07:03	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 07:03	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 07:03	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 07:03	jkg	

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Description:	MW-18	**Lab Sample ID:**	C806641-29	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/23/08 13:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 07:03	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 07:03*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*81 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 07:03*	*jkg*	
Toluene-d8	*42*	*1*	*50.0*	*85 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 07:03*	*jkg*	

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Description: MW-18
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-29
Sampled: 06/23/08 13:00
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:01	JDH	
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	07/07/08 13:05	VLO	
Barium [7440-39-3] ^	**66.7**	J	ug/L	1	1.00	10.0	100	EPA 6010B	07/07/08 13:05	VLO	
Beryllium [7440-41-7] ^	0.10	U	ug/L	1	0.10	1.00	1	EPA 6010B	07/07/08 13:05	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	07/07/08 13:05	VLO	
Chromium [7440-47-3] ^	**16.1**		ug/L	1	1.0	10.0	10	EPA 6010B	07/07/08 13:05	VLO	
Cobalt [7440-48-4] ^	**17.3**		ug/L	1	1.1	10.0	10	EPA 6010B	07/07/08 13:05	VLO	
Copper [7440-50-8] ^	**39.5**		ug/L	1	1.60	10.0	10	EPA 6010B	07/07/08 13:05	VLO	
Lead [7439-92-1] ^	**3.9**	J	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 13:05	VLO	
Nickel [7440-02-0] ^	**18.2**	J	ug/L	1	1.8	10.0	50	EPA 6010B	07/07/08 13:05	VLO	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	07/07/08 13:05	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 13:05	VLO	
Thallium [7440-28-0] ^	**0.374**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:01	JDH	
Vanadium [7440-62-2] ^	**27.4**		ug/L	1	1.4	10.0	25	EPA 6010B	07/07/08 13:05	VLO	
Zinc [7440-66-6] ^	**39.9**		ug/L	1	3.8	10.0	10	EPA 6010B	07/07/08 13:05	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-25
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-30
Sampled: 06/23/08 13:40
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/29/08 07:34	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/29/08 07:34	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
1,1-Dichloroethane [75-34-3] ^	**2.2**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/29/08 07:34	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 07:34	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/29/08 07:34	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/29/08 07:34	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
1,4-Dichlorobenzene [106-46-7] ^	**0.66**	J	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/29/08 07:34	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/29/08 07:34	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/29/08 07:34	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/29/08 07:34	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/29/08 07:34	jkg	
Benzene [71-43-2] ^	**0.62**	J	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 07:34	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/29/08 07:34	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/29/08 07:34	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/29/08 07:34	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/29/08 07:34	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/29/08 07:34	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/29/08 07:34	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	**0.72**	J	ug/L	1	0.30	1.0	5	EPA 8260B	06/29/08 07:34	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/29/08 07:34	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/29/08 07:34	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/29/08 07:34	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
Tetrachloroethene [127-18-4] ^	**0.45**	J	ug/L	1	0.36	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/29/08 07:34	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/29/08 07:34	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/29/08 07:34	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/29/08 07:34	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/29/08 07:34	jkg	

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Description:	MW-25	**Lab Sample ID:**	C806641-30	**Received:**	06/24/08 10:55
Matrix:	Ground Water	**Sampled:**	06/23/08 13:40	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/29/08 07:34	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*85 %*	*69-120*	*8F26027*	*EPA 8260B*	*06/29/08 07:34*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*79 %*	*61-120*	*8F26027*	*EPA 8260B*	*06/29/08 07:34*	*jkg*	
Toluene-d8	*42*	*1*	*50.0*	*85 %*	*75-99*	*8F26027*	*EPA 8260B*	*06/29/08 07:34*	*jkg*	

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Description: MW-25
Matrix: Ground Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-30
Sampled: 06/23/08 13:40
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	06/26/08 13:04	JDH	
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	07/07/08 13:12	VLO	
Barium [7440-39-3] ^	**112**		ug/L	1	1.00	10.0	100	EPA 6010B	07/07/08 13:12	VLO	
Beryllium [7440-41-7] ^	0.10	U	ug/L	1	0.10	1.00	1	EPA 6010B	07/07/08 13:12	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	07/07/08 13:12	VLO	
Chromium [7440-47-3] ^	**31.6**		ug/L	1	1.0	10.0	10	EPA 6010B	07/07/08 13:12	VLO	
Cobalt [7440-48-4] ^	**4.9**	J	ug/L	1	1.1	10.0	10	EPA 6010B	07/07/08 13:12	VLO	
Copper [7440-50-8] ^	**3.40**	J	ug/L	1	1.60	10.0	10	EPA 6010B	07/07/08 13:12	VLO	
Lead [7439-92-1] ^	**2.4**	J	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 13:12	VLO	
Nickel [7440-02-0] ^	**20.4**	J	ug/L	1	1.8	10.0	50	EPA 6010B	07/07/08 13:12	VLO	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	07/07/08 13:12	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	07/07/08 13:12	VLO	
Thallium [7440-28-0] ^	**0.215**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	06/26/08 13:04	JDH	
Vanadium [7440-62-2] ^	**17.3**	J	ug/L	1	1.4	10.0	25	EPA 6010B	07/07/08 13:12	VLO	
Zinc [7440-66-6] ^	**23.1**		ug/L	1	3.8	10.0	10	EPA 6010B	07/07/08 13:12	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: TB
Matrix: Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-31
Sampled: 06/19/08 00:00
Sampled By:

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/30/08 16:05	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/30/08 16:05	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/30/08 16:05	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/30/08 16:05	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/30/08 16:05	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/30/08 16:05	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/30/08 16:05	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/30/08 16:05	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/30/08 16:05	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/30/08 16:05	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/30/08 16:05	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/30/08 16:05	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/30/08 16:05	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/30/08 16:05	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/30/08 16:05	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/30/08 16:05	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/30/08 16:05	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/30/08 16:05	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	5	EPA 8260B	06/30/08 16:05	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/30/08 16:05	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/30/08 16:05	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/30/08 16:05	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/30/08 16:05	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/30/08 16:05	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/30/08 16:05	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/30/08 16:05	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/30/08 16:05	jkg	

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Description:	TB	**Lab Sample ID:**	C806641-31	**Received:**	06/24/08 10:55
Matrix:	Water	**Sampled:**	06/19/08 00:00	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**			

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/30/08 16:05	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*81 %*	*69-120*	*8F30005*	*EPA 8260B*	*06/30/08 16:05*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*83 %*	*61-120*	*8F30005*	*EPA 8260B*	*06/30/08 16:05*	*jkg*	
Toluene-d8	*43*	*1*	*50.0*	*85 %*	*75-99*	*8F30005*	*EPA 8260B*	*06/30/08 16:05*	*jkg*	

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Description: EB
Matrix: Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-32
Sampled: 06/19/08 09:15
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/30/08 17:09	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/30/08 17:09	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/30/08 17:09	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/30/08 17:09	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/30/08 17:09	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/30/08 17:09	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/30/08 17:09	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/30/08 17:09	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/30/08 17:09	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/30/08 17:09	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/30/08 17:09	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/30/08 17:09	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/30/08 17:09	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/30/08 17:09	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/30/08 17:09	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/30/08 17:09	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/30/08 17:09	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/30/08 17:09	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	5	EPA 8260B	06/30/08 17:09	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/30/08 17:09	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/30/08 17:09	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/30/08 17:09	jkg	
Methylene chloride [75-09-2] ^	**2.2**		ug/L	1	0.24	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/30/08 17:09	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/30/08 17:09	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/30/08 17:09	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/30/08 17:09	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/30/08 17:09	jkg	

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Description:	EB	**Lab Sample ID:**	C806641-32	**Received:**	06/24/08 10:55
Matrix:	Water	**Sampled:**	06/19/08 09:15	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/30/08 17:09	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*43*	*1*	*50.0*	*85 %*	*69-120*	*8F30005*	*EPA 8260B*	*06/30/08 17:09*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*81 %*	*61-120*	*8F30005*	*EPA 8260B*	*06/30/08 17:09*	*jkg*	
Toluene-d8	*43*	*1*	*50.0*	*86 %*	*75-99*	*8F30005*	*EPA 8260B*	*06/30/08 17:09*	*jkg*	

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Description: FB
Matrix: Water
Project: Alexander Co. Closed C&D LF - App Is

Lab Sample ID: C806641-33
Sampled: 06/19/08 09:10
Sampled By: Jonathan Pfohl

Received: 06/24/08 10:55
Work Order: C806641

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.29	U	ug/L	1	0.29	1.0	5	EPA 8260B	06/30/08 17:40	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/30/08 17:40	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/30/08 17:40	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/30/08 17:40	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/30/08 17:40	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/30/08 17:40	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	100	EPA 8260B	06/30/08 17:40	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	50	EPA 8260B	06/30/08 17:40	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	06/30/08 17:40	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	100	EPA 8260B	06/30/08 17:40	jkg	
Acrylonitrile [107-13-1] ^	1.0	U	ug/L	1	1.0	5.0	200	EPA 8260B	06/30/08 17:40	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/30/08 17:40	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	3	EPA 8260B	06/30/08 17:40	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/30/08 17:40	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	100	EPA 8260B	06/30/08 17:40	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/30/08 17:40	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/30/08 17:40	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/30/08 17:40	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	5	EPA 8260B	06/30/08 17:40	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	06/30/08 17:40	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	06/30/08 17:40	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	06/30/08 17:40	jkg	
Methylene chloride [75-09-2] ^	**2.2**		ug/L	1	0.24	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	5	EPA 8260B	06/30/08 17:40	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.44	U	ug/L	1	0.44	1.0	100	EPA 8260B	06/30/08 17:40	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/30/08 17:40	jkg	
Vinyl acetate [108-05-4] ^	0.40	U	ug/L	1	0.40	2.0	50	EPA 8260B	06/30/08 17:40	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/30/08 17:40	jkg	

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Description:	FB	**Lab Sample ID:**	C806641-33	**Received:**	06/24/08 10:55
Matrix:	Water	**Sampled:**	06/19/08 09:10	**Work Order:**	C806641
Project:	Alexander Co. Closed C&D LF - App Is	**Sampled By:**	Jonathan Pfohl		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/30/08 17:40	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*88 %*	*69-120*	*8F30005*	*EPA 8260B*	*06/30/08 17:40*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*82 %*	*61-120*	*8F30005*	*EPA 8260B*	*06/30/08 17:40*	*jkg*	
Toluene-d8	*43*	*1*	*50.0*	*87 %*	*75-99*	*8F30005*	*EPA 8260B*	*06/30/08 17:40*	*jkg*	

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QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8F26008 - EPA 5030B_MS

Blank (8F26008-BLK1) Prepared: 06/26/2008 09:33 Analyzed: 06/26/2008 09:54

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	0.23	U	1.0	ug/L							
Vinyl chloride	0.30	U	1.0	ug/L							
Bromomethane	0.49	U	1.0	ug/L							
Chloroethane	0.30	U	1.0	ug/L							
Trichlorofluoromethane	0.28	U	1.0	ug/L							
1,1-Dichloroethene	0.20	U	1.0	ug/L							
Acetone	0.62	U	5.0	ug/L							
Iodomethane	0.52	U	2.0	ug/L							
Carbon disulfide	0.40	U	5.0	ug/L							
Methylene chloride	0.24	U	1.0	ug/L							
Acrylonitrile	1.0	U	5.0	ug/L							
trans-1,2-Dichloroethene	0.25	U	1.0	ug/L							
1,1-Dichloroethane	0.33	U	1.0	ug/L							
Vinyl acetate	0.40	U	2.0	ug/L							
2-Butanone	0.44	U	5.0	ug/L							
cis-1,2-Dichloroethene	0.30	U	1.0	ug/L							
Bromochloromethane	0.27	U	1.0	ug/L							
Chloroform	0.20	U	1.0	ug/L							
1,1,1-Trichloroethane	0.27	U	1.0	ug/L							
Carbon tetrachloride	0.35	U	1.0	ug/L							
1,2-Dichloroethane	0.46	U	1.0	ug/L							
Benzene	0.20	U	1.0	ug/L							
Trichloroethene	0.25	U	1.0	ug/L							
1,2-Dichloropropane	0.20	U	1.0	ug/L							
Dibromomethane	0.21	U	1.0	ug/L							
Bromodichloromethane	0.20	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.24	U	1.0	ug/L							
4-Methyl-2-pentanone	0.56	U	5.0	ug/L							
Toluene	0.20	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.30	U	1.0	ug/L							
1,1,2-Trichloroethane	0.20	U	1.0	ug/L							
Tetrachloroethene	0.36	U	1.0	ug/L							
2-Hexanone	0.60	U	5.0	ug/L							
Dibromochloromethane	0.28	U	1.0	ug/L							
1,2-Dibromoethane	0.27	U	1.0	ug/L							
Chlorobenzene	0.27	U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	0.29	U	1.0	ug/L							
Ethylbenzene	0.20	U	1.0	ug/L							
Styrene	0.20	U	1.0	ug/L							
Bromoform	0.29	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.33	U	1.0	ug/L							
1,2,3-Trichloropropane	0.47	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.44	U	1.0	ug/L							
1,4-Dichlorobenzene	0.20	U	1.0	ug/L							
1,2-Dichlorobenzene	0.27	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
Xylenes (Total)	0.40	U	1.0	ug/L							
Surrogate: Dibromofluoromethane	*47*			*ug/L*	*50.0*		*94*	*61-120*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8F26008 - EPA 5030B_MS

Blank (8F26008-BLK1) Continued Prepared: 06/26/2008 09:33 Analyzed: 06/26/2008 09:54

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Toluene-d8	*41*			*ug/L*	*50.0*		*82*	*75-99*			
Surrogate: 4-Bromofluorobenzene	*43*			*ug/L*	*50.0*		*86*	*69-120*			

LCS (8F26008-BS1) Prepared: 06/26/2008 09:33 Analyzed: 06/26/2008 10:25

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	23		1.0	ug/L	20.0		115	71-121			
Benzene	22		1.0	ug/L	20.0		112	77-128			
Trichloroethene	18		1.0	ug/L	20.0		92	79-120			
Toluene	18		1.0	ug/L	20.0		91	77-120			
Chlorobenzene	19		1.0	ug/L	20.0		96	78-120			

Matrix Spike (8F26008-MS1) Prepared: 06/26/2008 09:33 Analyzed: 06/26/2008 10:56

Source: C806641-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	28		1.0	ug/L	20.0	0.20 U	138	71-121			QM-07
Benzene	29		1.0	ug/L	20.0	3.5	129	77-128			QM-07
Trichloroethene	22		1.0	ug/L	20.0	0.67	108	79-120			
Toluene	21		1.0	ug/L	20.0	0.20 U	106	77-120			
Chlorobenzene	24		1.0	ug/L	20.0	2.1	110	78-120			

Matrix Spike Dup (8F26008-MSD1) Prepared: 06/26/2008 09:33 Analyzed: 06/26/2008 11:27

Source: C806641-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	26		1.0	ug/L	20.0	0.20 U	130	71-121	6	27	QM-07
Benzene	28		1.0	ug/L	20.0	3.5	124	77-128	3	27	
Trichloroethene	21		1.0	ug/L	20.0	0.67	103	79-120	4	27	
Toluene	20		1.0	ug/L	20.0	0.20 U	102	77-120	5	23	
Chlorobenzene	23		1.0	ug/L	20.0	2.1	104	78-120	6	25	

Batch 8F26027 - EPA 5030B_MS

Blank (8F26027-BLK1) Prepared: 06/26/2008 14:30 Analyzed: 06/28/2008 21:53

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	0.23	U	1.0	ug/L							
Vinyl chloride	0.30	U	1.0	ug/L							
Bromomethane	0.49	U	1.0	ug/L							
Chloroethane	0.30	U	1.0	ug/L							
Trichlorofluoromethane	0.28	U	1.0	ug/L							
1,1-Dichloroethene	0.20	U	1.0	ug/L							
Acetone	0.62	U	5.0	ug/L							
Iodomethane	0.52	U	2.0	ug/L							
Carbon disulfide	0.40	U	5.0	ug/L							
Methylene chloride	0.24	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8F26027 - EPA 5030B_MS

Blank (8F26027-BLK1) Continued Prepared: 06/26/2008 14:30 Analyzed: 06/28/2008 21:53

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acrylonitrile	1.0	U	5.0	ug/L							
trans-1,2-Dichloroethene	0.25	U	1.0	ug/L							
1,1-Dichloroethane	0.33	U	1.0	ug/L							
Vinyl acetate	0.40	U	2.0	ug/L							
2-Butanone	0.44	U	5.0	ug/L							
cis-1,2-Dichloroethene	0.30	U	1.0	ug/L							
Bromochloromethane	0.27	U	1.0	ug/L							
Chloroform	0.20	U	1.0	ug/L							
1,1,1-Trichloroethane	0.27	U	1.0	ug/L							
Carbon tetrachloride	0.35	U	1.0	ug/L							
1,2-Dichloroethane	0.46	U	1.0	ug/L							
Benzene	0.20	U	1.0	ug/L							
Trichloroethene	0.25	U	1.0	ug/L							
1,2-Dichloropropane	0.20	U	1.0	ug/L							
Dibromomethane	0.21	U	1.0	ug/L							
Bromodichloromethane	0.20	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.24	U	1.0	ug/L							
4-Methyl-2-pentanone	0.56	U	5.0	ug/L							
Toluene	0.20	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.30	U	1.0	ug/L							
1,1,2-Trichloroethane	0.20	U	1.0	ug/L							
Tetrachloroethene	0.36	U	1.0	ug/L							
2-Hexanone	0.60	U	5.0	ug/L							
Dibromochloromethane	0.28	U	1.0	ug/L							
1,2-Dibromoethane	0.27	U	1.0	ug/L							
Chlorobenzene	0.27	U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	0.29	U	1.0	ug/L							
Ethylbenzene	0.20	U	1.0	ug/L							
Styrene	0.20	U	1.0	ug/L							
Bromoform	0.29	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.33	U	1.0	ug/L							
1,2,3-Trichloropropane	0.47	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.44	U	1.0	ug/L							
1,4-Dichlorobenzene	0.20	U	1.0	ug/L							
1,2-Dichlorobenzene	0.27	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
Xylenes (Total)	0.40	U	1.0	ug/L							
Surrogate: Dibromofluoromethane	*39*			*ug/L*	*50.0*		*78*	*61-120*			
Surrogate: Toluene-d8	*40*			*ug/L*	*50.0*		*80*	*75-99*			
Surrogate: 4-Bromofluorobenzene	*40*			*ug/L*	*50.0*		*81*	*69-120*			

LCS (8F26027-BS1) Prepared: 06/26/2008 14:30 Analyzed: 06/28/2008 22:24

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0		98	71-121			
Benzene	19		1.0	ug/L	20.0		97	77-128			
Trichloroethene	18		1.0	ug/L	20.0		92	79-120			
Toluene	20		1.0	ug/L	20.0		99	77-120			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8F26027 - EPA 5030B_MS

LCS (8F26027-BS1) Continued Prepared: 06/26/2008 14:30 Analyzed: 06/28/2008 22:24

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlorobenzene	20		1.0	ug/L	20.0		102	78-120			

Matrix Spike (8F26027-MS1) Prepared: 06/26/2008 14:30 Analyzed: 06/28/2008 22:55

Source: C807052-14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0	0.20 U	101	71-121			
Benzene	20		1.0	ug/L	20.0	0.20 U	98	77-128			
Trichloroethene	19		1.0	ug/L	20.0	0.25 U	95	79-120			
Toluene	19		1.0	ug/L	20.0	0.20 U	96	77-120			
Chlorobenzene	20		1.0	ug/L	20.0	0.27 U	98	78-120			

Matrix Spike Dup (8F26027-MSD1) Prepared: 06/26/2008 14:30 Analyzed: 06/28/2008 23:26

Source: C807052-14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.20 U	95	71-121	6	27	
Benzene	19		1.0	ug/L	20.0	0.20 U	97	77-128	0.7	27	
Trichloroethene	18		1.0	ug/L	20.0	0.25 U	92	79-120	3	27	
Toluene	19		1.0	ug/L	20.0	0.20 U	97	77-120	0.6	23	
Chlorobenzene	20		1.0	ug/L	20.0	0.27 U	98	78-120	0.6	25	

Batch 8F30005 - EPA 5030B_MS

Blank (8F30005-BLK1) Prepared: 06/30/2008 09:53 Analyzed: 06/30/2008 10:52

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	0.23	U	1.0	ug/L							
Vinyl chloride	0.30	U	1.0	ug/L							
Bromomethane	0.49	U	1.0	ug/L							
Chloroethane	0.30	U	1.0	ug/L							
Trichlorofluoromethane	0.28	U	1.0	ug/L							
1,1-Dichloroethene	0.20	U	1.0	ug/L							
Acetone	0.62	U	5.0	ug/L							
Iodomethane	0.52	U	2.0	ug/L							
Carbon disulfide	0.40	U	5.0	ug/L							
Methylene chloride	0.24	U	1.0	ug/L							
Acrylonitrile	1.0	U	5.0	ug/L							
trans-1,2-Dichloroethene	0.25	U	1.0	ug/L							
1,1-Dichloroethane	0.33	U	1.0	ug/L							
Vinyl acetate	0.40	U	2.0	ug/L							
2-Butanone	0.44	U	5.0	ug/L							
cis-1,2-Dichloroethene	0.30	U	1.0	ug/L							
Bromochloromethane	0.27	U	1.0	ug/L							
Chloroform	0.20	U	1.0	ug/L							
1,1,1-Trichloroethane	0.27	U	1.0	ug/L							
Carbon tetrachloride	0.35	U	1.0	ug/L							
1,2-Dichloroethane	0.46	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8F30005 - EPA 5030B_MS

Blank (8F30005-BLK1) Continued Prepared: 06/30/2008 09:53 Analyzed: 06/30/2008 10:52

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Benzene	0.20	U	1.0	ug/L							
Trichloroethene	0.25	U	1.0	ug/L							
1,2-Dichloropropane	0.20	U	1.0	ug/L							
Dibromomethane	0.21	U	1.0	ug/L							
Bromodichloromethane	0.20	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.24	U	1.0	ug/L							
4-Methyl-2-pentanone	0.56	U	5.0	ug/L							
Toluene	0.20	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.30	U	1.0	ug/L							
1,1,2-Trichloroethane	0.20	U	1.0	ug/L							
Tetrachloroethene	0.36	U	1.0	ug/L							
2-Hexanone	0.60	U	5.0	ug/L							
Dibromochloromethane	0.28	U	1.0	ug/L							
1,2-Dibromoethane	0.27	U	1.0	ug/L							
Chlorobenzene	0.27	U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	0.29	U	1.0	ug/L							
Ethylbenzene	0.20	U	1.0	ug/L							
Styrene	0.20	U	1.0	ug/L							
Bromoform	0.29	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.33	U	1.0	ug/L							
1,2,3-Trichloropropane	0.47	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.44	U	1.0	ug/L							
1,4-Dichlorobenzene	0.20	U	1.0	ug/L							
1,2-Dichlorobenzene	0.27	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
Xylenes (Total)	0.40	U	1.0	ug/L							
Surrogate: Dibromofluoromethane	*40*			*ug/L*	*50.0*		*80*	*61-120*			
Surrogate: Toluene-d8	*42*			*ug/L*	*50.0*		*84*	*75-99*			
Surrogate: 4-Bromofluorobenzene	*41*			*ug/L*	*50.0*		*82*	*69-120*			

LCS (8F30005-BS1) Prepared: 06/30/2008 09:53 Analyzed: 06/30/2008 11:22

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0		110	71-121			
Benzene	21		1.0	ug/L	20.0		106	77-128			
Trichloroethene	20		1.0	ug/L	20.0		100	79-120			
Toluene	20		1.0	ug/L	20.0		101	77-120			
Chlorobenzene	20		1.0	ug/L	20.0		100	78-120			

Matrix Spike (8F30005-MS1) Prepared: 06/30/2008 09:53 Analyzed: 06/30/2008 11:53

Source: C807253-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.20 U	112	71-121			
Benzene	21		1.0	ug/L	20.0	0.20 U	106	77-128			
Trichloroethene	20		1.0	ug/L	20.0	0.25 U	100	79-120			
Toluene	20		1.0	ug/L	20.0	0.20 U	101	77-120			
Chlorobenzene	20		1.0	ug/L	20.0	0.27 U	100	78-120			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8F30005 - EPA 5030B_MS

Matrix Spike Dup (8F30005-MSD1) Prepared: 06/30/2008 09:53 Analyzed: 06/30/2008 12:23

Source: C807253-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.20 U	108	71-121	3	27	
Benzene	21		1.0	ug/L	20.0	0.20 U	107	77-128	1	27	
Trichloroethene	20		1.0	ug/L	20.0	0.25 U	102	79-120	2	27	
Toluene	20		1.0	ug/L	20.0	0.20 U	101	77-120	0.4	23	
Chlorobenzene	20		1.0	ug/L	20.0	0.27 U	100	78-120	0.2	25	

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8F25005 - EPA 3005A

Blank (8F25005-BLK1) Prepared: 06/25/2008 08:50 Analyzed: 06/30/2008 11:46

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	2.0	U	10.0	ug/L							
Barium	**0.20**	**J**	10.0	ug/L							
Beryllium	0.70	U	1.00	ug/L							
Cadmium	0.50	U	1.00	ug/L							
Chromium	2.0	U	10.0	ug/L							
Cobalt	2.0	U	10.0	ug/L							
Copper	0.60	U	10.0	ug/L							
Lead	2.0	U	10.0	ug/L							
Nickel	2.0	U	10.0	ug/L							
Selenium	2.0	U	10.0	ug/L							
Silver	2.0	U	10.0	ug/L							
Vanadium	1.0	U	10.0	ug/L							
Zinc	1.0	U	10.0	ug/L							

LCS (8F25005-BS1) Prepared: 06/25/2008 08:50 Analyzed: 06/30/2008 11:53

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	525		10.0	ug/L	500		105	82-117			
Barium	522	B	10.0	ug/L	500		104	72-125			
Beryllium	265		1.00	ug/L	250		106	75-121			
Cadmium	270		1.00	ug/L	250		108	72-120			
Chromium	511		10.0	ug/L	500		102	78-119			
Cobalt	504		10.0	ug/L	500		101	76-117			
Copper	256		10.0	ug/L	250		102	80-117			
Lead	519		10.0	ug/L	500		104	72-121			
Nickel	530		10.0	ug/L	500		106	78-116			
Selenium	542		10.0	ug/L	500		108	82-127			
Silver	49.9		10.0	ug/L	50.0		100	80-128			
Vanadium	246		10.0	ug/L	250		98	78-117			
Zinc	522		10.0	ug/L	500		104	80-120			

Matrix Spike (8F25005-MS1) Prepared: 06/25/2008 08:50 Analyzed: 06/30/2008 12:09

Source: C806641-01

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8F25005 - EPA 3005A

Matrix Spike (8F25005-MS1) Continued Prepared: 06/25/2008 08:50 Analyzed: 06/30/2008 12:09

Source: C806641-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	514		10.0	ug/L	500	2.0 U	103	64-126			
Barium	697	B	10.0	ug/L	500	181	103	74-119			
Beryllium	260		1.00	ug/L	250	0.70 U	104	70-131			
Cadmium	256		1.00	ug/L	250	0.50 U	102	68-121			
Chromium	487		10.0	ug/L	500	2.0 U	97	73-120			
Cobalt	587		10.0	ug/L	500	98.9	98	76-120			
Copper	248		10.0	ug/L	250	0.60 U	99	75-123			
Lead	499		10.0	ug/L	500	4.3	99	68-126			
Nickel	534		10.0	ug/L	500	19.6	103	64-126			
Selenium	516		10.0	ug/L	500	2.0 U	103	65-129			
Silver	48.4		10.0	ug/L	50.0	2.0 U	97	69-121			
Vanadium	188		10.0	ug/L	250	1.0 U	75	71-130			
Zinc	552		10.0	ug/L	500	54.0	100	63-131			

Matrix Spike Dup (8F25005-MSD1) Prepared: 06/25/2008 08:50 Analyzed: 06/30/2008 12:16

Source: C806641-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	508		10.0	ug/L	500	2.0 U	102	64-126	1	12	
Barium	697	B	10.0	ug/L	500	181	103	74-119	0.03	11	
Beryllium	260		1.00	ug/L	250	0.70 U	104	70-131	0.2	21	
Cadmium	255		1.00	ug/L	250	0.50 U	102	68-121	0.2	12	
Chromium	488		10.0	ug/L	500	2.0 U	98	73-120	0.1	10	
Cobalt	586		10.0	ug/L	500	98.9	97	76-120	0.2	17	
Copper	248		10.0	ug/L	250	0.60 U	99	75-123	0.1	16	
Lead	501		10.0	ug/L	500	4.3	99	68-126	0.4	19	
Nickel	535		10.0	ug/L	500	19.6	103	64-126	0.2	12	
Selenium	522		10.0	ug/L	500	2.0 U	104	65-129	1	10	
Silver	48.1		10.0	ug/L	50.0	2.0 U	96	69-121	0.6	12	
Vanadium	188		10.0	ug/L	250	1.0 U	75	71-130	0.1	16	
Zinc	554		10.0	ug/L	500	54.0	100	63-131	0.5	24	

Batch 8F25007 - EPA 3005A

Blank (8F25007-BLK1) Prepared: 06/25/2008 08:54 Analyzed: 06/26/2008 13:07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.68	U	2.00	ug/L							
Thallium	0.036	U	2.00	ug/L							

LCS (8F25007-BS1) Prepared: 06/25/2008 08:54 Analyzed: 06/26/2008 13:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	28.3		2.00	ug/L	25.0		113	85-115			
Thallium	28.4		2.00	ug/L	25.0		114	85-115			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8F25007 - EPA 3005A

Matrix Spike (8F25007-MS1) Prepared: 06/25/2008 08:54 Analyzed: 06/26/2008 13:21

Source: C806641-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	15.6		2.00	ug/L	25.0	0.68 U	62	85-115			QM-07
Thallium	27.7		2.00	ug/L	25.0	0.384	109	85-115			

Matrix Spike Dup (8F25007-MSD1) Prepared: 06/25/2008 08:54 Analyzed: 06/26/2008 13:24

Source: C806641-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	15.1		2.00	ug/L	25.0	0.68 U	60	85-115	3	20	QM-07
Thallium	28.0		2.00	ug/L	25.0	0.384	110	85-115	0.8	20	

Batch 8F25008 - EPA 3005A

Blank (8F25008-BLK1) Prepared: 06/25/2008 08:58 Analyzed: 07/07/2008 11:15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	2.8	U	10.0	ug/L							
Barium	1.00	U	10.0	ug/L							
Beryllium	**0.10**	**J**	1.00	ug/L							
Cadmium	0.36	U	1.00	ug/L							
Chromium	1.0	U	10.0	ug/L							
Cobalt	1.1	U	10.0	ug/L							
Copper	1.60	U	10.0	ug/L							
Lead	1.9	U	10.0	ug/L							
Nickel	1.8	U	10.0	ug/L							
Selenium	2.7	U	10.0	ug/L							
Silver	1.9	U	10.0	ug/L							
Vanadium	1.4	U	10.0	ug/L							
Zinc	3.8	U	10.0	ug/L							

LCS (8F25008-BS1) Prepared: 06/25/2008 08:58 Analyzed: 07/07/2008 11:22

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	526		10.0	ug/L	500		105	82-117			
Barium	530		10.0	ug/L	500		106	72-125			
Beryllium	268	B	1.00	ug/L	250		107	75-121			
Cadmium	270		1.00	ug/L	250		108	72-120			
Chromium	520		10.0	ug/L	500		104	78-119			
Cobalt	510		10.0	ug/L	500		102	76-117			
Copper	260		10.0	ug/L	250		104	80-117			
Lead	523		10.0	ug/L	500		105	72-121			
Nickel	531		10.0	ug/L	500		106	78-116			
Selenium	534		10.0	ug/L	500		107	82-127			
Silver	49.9		10.0	ug/L	50.0		100	80-128			
Vanadium	251		10.0	ug/L	250		100	78-117			
Zinc	521		10.0	ug/L	500		104	80-120			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8F25008 - EPA 3005A

Matrix Spike (8F25008-MS1) Prepared: 06/25/2008 08:58 Analyzed: 07/07/2008 11:37

Source: C806641-20

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	529		10.0	ug/L	500	4.4	105	64-126			
Barium	594		10.0	ug/L	500	58.2	107	74-119			
Beryllium	270	B	1.00	ug/L	250	0.20	108	70-131			
Cadmium	270		1.00	ug/L	250	0.36 U	108	68-121			
Chromium	522		10.0	ug/L	500	4.3	104	73-120			
Cobalt	517		10.0	ug/L	500	8.5	102	76-120			
Copper	262		10.0	ug/L	250	2.60	104	75-123			
Lead	520		10.0	ug/L	500	1.9 U	104	68-126			
Nickel	542		10.0	ug/L	500	7.5	107	64-126			
Selenium	532		10.0	ug/L	500	2.7 U	106	65-129			
Silver	49.9		10.0	ug/L	50.0	1.9 U	100	69-121			
Vanadium	252		10.0	ug/L	250	2.1	100	71-130			
Zinc	525		10.0	ug/L	500	7.9	104	63-131			

Matrix Spike Dup (8F25008-MSD1) Prepared: 06/25/2008 08:58 Analyzed: 07/07/2008 11:44

Source: C806641-20

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	536		10.0	ug/L	500	4.4	106	64-126	1	12	
Barium	601		10.0	ug/L	500	58.2	109	74-119	1	11	
Beryllium	273	B	1.00	ug/L	250	0.20	109	70-131	1	21	
Cadmium	273		1.00	ug/L	250	0.36 U	109	68-121	1	12	
Chromium	529		10.0	ug/L	500	4.3	105	73-120	1	10	
Cobalt	522		10.0	ug/L	500	8.5	103	76-120	0.9	17	
Copper	266		10.0	ug/L	250	2.60	105	75-123	1	16	
Lead	527		10.0	ug/L	500	1.9 U	105	68-126	1	19	
Nickel	549		10.0	ug/L	500	7.5	108	64-126	1	12	
Selenium	547		10.0	ug/L	500	2.7 U	109	65-129	3	10	
Silver	50.9		10.0	ug/L	50.0	1.9 U	102	69-121	2	12	
Vanadium	255		10.0	ug/L	250	2.1	101	71-130	1	16	
Zinc	530		10.0	ug/L	500	7.9	104	63-131	0.8	24	

Batch 8F25009 - EPA 3005A

Blank (8F25009-BLK1) Prepared: 06/25/2008 09:00 Analyzed: 06/26/2008 12:22

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.68	U	2.00	ug/L							
Thallium	0.036	U	2.00	ug/L							

LCS (8F25009-BS1) Prepared: 06/25/2008 09:00 Analyzed: 06/26/2008 12:25

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	28.1		2.00	ug/L	25.0		112	85-115			
Thallium	28.0		2.00	ug/L	25.0		112	85-115			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8F25009 - EPA 3005A

Matrix Spike (8F25009-MS1) Prepared: 06/25/2008 09:00 Analyzed: 06/26/2008 12:31

Source: C806641-21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	24.0		2.00	ug/L	25.0	0.68 U	96	85-115			
Thallium	27.6		2.00	ug/L	25.0	0.084	110	85-115			

Matrix Spike Dup (8F25009-MSD1) Prepared: 06/25/2008 09:00 Analyzed: 06/26/2008 12:34

Source: C806641-21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	24.8		2.00	ug/L	25.0	0.68 U	99	85-115	3	20	
Thallium	28.2		2.00	ug/L	25.0	0.084	112	85-115	2	20	

Batch 8F26011 - EPA 7470A

Blank (8F26011-BLK1) Prepared: 06/27/2008 06:30 Analyzed: 06/27/2008 13:05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.11	U	0.20	ug/L							

Blank (8F26011-BLK2) Prepared: 06/27/2008 06:30 Analyzed: 06/27/2008 13:07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.11	U	0.20	ug/L							

LCS (8F26011-BS1) Prepared: 06/27/2008 06:30 Analyzed: 06/27/2008 13:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.76		0.20	ug/L	5.00		95	87-123			

Matrix Spike (8F26011-MS1) Prepared: 06/27/2008 06:30 Analyzed: 06/27/2008 13:19

Source: C806641-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.32		0.20	ug/L	5.00	0.11 U	86	63-132			

Matrix Spike Dup (8F26011-MSD1) Prepared: 06/27/2008 06:30 Analyzed: 06/27/2008 13:23

Source: C806641-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.26		0.20	ug/L	5.00	0.11 U	85	63-132	1	10	

Post Spike (8F26011-PS1) Prepared: 06/27/2008 06:30 Analyzed: 06/27/2008 13:25

Source: C806641-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.18		0.20	ug/L	5.00	0.09	82	0-200			QM-08

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-08	Post-digestion spike did not meet method requirements due to confirmed matrix effects (dilution test).

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
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4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Client Name	Municipal Engineering Services (MU001)
Project Number	G08003.0
Address	P.O. Box 97
Project Name/Desc	Alexander Co. Closed C&D LF - App Is
City/ST/Zip	Garner, NC 27529
PO # / Billing Info	
Tel	(919) 772-5393
Fax	(919) 772-1176
Reporting Contact	Jonathan Pfohl
Sampler(s) Name, Affiliation (Print)	Jonathan Pfohl, MESCO
Billing Contact	Accounts Payable
Sampler(s) Signature	
Facility # (if required)	

Requested Analyses: 8260B Appendix 1; Ag,As,Ba,Be,Cd,Co,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn; Hg

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

✓ Standard

___ Expedited

Due __/__/__

Lab Workorder: C806641

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,Be,Cd,Co,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn	Hg								Sample Comments
	MW-11 MS/MSD	6/20/08	11:00	Grab	GW	7	X	X									
	MW-13	6/19/08	9:30		GW	4	X	X									
	MW-6		10:10		GW	4	X	X									
	MW-14		11:00		GW	4	X	X	X								
	MW-2		11:30		GW	4	X	X	X								
	MW-15		12:00		GW	4	X	X	X								
	MW-17		1:40		GW	4	X	X	X								
	MW-9		2:20		GW	4	X	X									
	MW-4R		3:00		GW	4	X	X									
	MW-10		3:50		GW	4	X	X									
	~~MW~~ SW-5		4:10		GW	4	X	X									
	MW-27	6/20/08	8:30		GW	4	X	X									

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
JWL	6/19	6/24/08 10:55	6/24/08 10:55	[illegible]	6/24/08 10:55
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time

Cooler #'s & Temps on Receipt: C-483 2.0 C-444 2.3

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 ND-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

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Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Client Name: Municipal Engineering Services (MU001)	Project Number: G08003.0
Address: P.O. Box 97	Project Name/Desc: Alexander Co. Closed C&D LF - App Is
City/ST/Zip: Garner, NC 27529	PO # / Billing Info:
Tel: (919) 772-5393 Fax: (919) 772-1176	Reporting Contact: Jonathan Pfohl
Sampler(s) Name, Affiliation (Print): Jonathan Pfohl/MESCO	Billing Contact: Accounts Payable
Sampler(s) Signature: [signature]	Facility # (if required):

Requested Analyses: 8260B Appendix 1; Ag,As,Ba,Be,Cd,Co,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn; Hg

Requested Turnaround Times
Note: Rush requests subject to acceptance by the facility
✓ Standard
___ Expedited
Due __/__/__

Lab Workorder: C806641

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,Be,Cd,Co,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn	Hg								Sample Comments
	MW-24	6/20/08	9:10	Grab	GW	4	X	X	X								
	~~MW-12D~~ MW-12D		9:50		GW	4	X	X									
	MW-12		10:35		GW	4	X	X									
	MW-3		11:30		GW	4	X	X									
	MW-19	6/23/08	12:00		GW	4	X	X									
	MW-26	[redacted] 6/20/08	12:00		GW	4	X	X									
	MW-7	6/20/08	1:00		GW	4	X	X									
	MW-23		1:35		GW	4	X	X									
	~~MW-~~ SW-4R		1:50		GW	4	X	X									
	MW-1B		2:35		GW	4	X	X	X								
	MW-1		3:00		GW	4	X	X	X								
	MW-5		3:40		GW	4	X	X									

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
JWL	6/19	[signature]	6/24/08 10:55		
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: C-483 2.0 C-444 2.3		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)

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Client Name: Municipal Engineering Services (MU001)	Project Number: G08003.0
Address: P.O. Box 97	Project Name/Desc: Alexander Co. Closed C&D LF - App Is
City/ST/Zip: Garner, NC 27529	PO # / Billing Info:
Tel: (919) 772-5393 / Fax: (919) 772-1176	Reporting Contact: Jonathan Pfohl
Sampler(s) Name, Affiliation (Print): Jonathan Pfohl, MESCO	Billing Contact: Accounts Payable
Sampler(s) Signature: [signature]	Facility # (if required):

Requested Analyses: 8260B Appendix 1; Ag,As,Ba,Be,Cd,Co,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn; Hg

Requested Turnaround Times: Note: Rush requests subject to acceptance by the facility. ✓ Standard ___ Expedited Due __/__/__

Lab Workorder: C806641

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,Be,Cd,Co,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn	Hg							Sample Comments
	MW-16	6/20/08	4:20		GW	4	X	X	X							
	MW-22	6/23/08	9:30		GW	4	X	X								
	MW-21	↓	10:10		GW	4	X	X								
	MW-20		11:00		GW	4	X	X								
	MW-18		1:00		GW	4	X	X								
	MW-35	↓	1:40		GW	4	X	X								
	~~MW-~~				GW	4	X	X								
	~~MW-~~				GW	1			X							
	~~MW-~~				GW	1			X							
	~~MW-~~ TB	6/19/08	ENCO Filled	Grab	~~GW~~ WA	~~1~~ 3	X		[redacted]							
	EB	↓	9:15	Grab	WA	~~1~~ 3	X	[redacted]								
	FB	↓	9:10	Grab	WA	~~1~~ 3	X	[redacted]								

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
JWL	6/19	[signature]	6/24/08 10:55	[signature]	6/24/08 10:55
Comments: ENCO DI H2O for Blanks		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time

Cooler #'s & Temps on Receipt: C-483 2.0 C-444 2.3

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)

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