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NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Municipal Engineering Services, P.A. on behalf of Alexander County, NC

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

Name: Sean K. Patrick, L.G. Phone: (919) 772-5393

E-mail: spatrick@mesco.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Alexander County Closed MSWLF & Active C&D LF	2500 Paynes Dairy Road Taylorsville, NC 28681	02-01	.0500	June 24, 25, 30, & July 1, 2009

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.

Sean K. Patrick, L.G. — Facility Representative Name (Print)

Project Manager / Hydrogeologist — Title

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

Signature

9/30/09 — Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1776 9/30/09 GEOLOGIST SEAN K. PATRICK

1140 Benson Highway, Suite 200, Garner, NC 27529

Facility Representative Address

C-0281

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009

Semi-Annual Groundwater Sampling and Analysis Report

Prepared for

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

June 2009

Permit Number: 02-01
MESCO Project Number: G09003.0

Completed on September 30, 2009

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
Municipal Services
CIVIL/SANITARY ENGINEERS
Engineering Company, P.A.

September 28, 2009

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. G09003.0

Dear Ms. Drummond:

Introduction

Municipal Engineering Services Company, P.A. (MESCO) has performed semi-annual sampling and monitoring activities at the Alexander County closed unlined municipal solid waste landfill (MSWLF) and active construction and demolition (C&D) landfill located near Taylorsville, NC. The following report details sampling activities performed and presents conclusions based on field observations and laboratory analytical results. The site location is depicted in **Plate 1** (attached).

Prior to operating as a C&D landfill, the site operated as a municipal solid waste (MSW) unlined sanitary landfill that consisted of two units. The western unit was closed prior to October 9, 1991; the second, eastern unit was closed by mid-1999. The C&D landfill was constructed, and is operating on top of, the western MSW unit. The site is monitored under 15A NCAC 13B.1630. The monitoring network consists of twenty-nine (29) groundwater monitoring wells and three (3) surfacewater sampling locations. This report includes a summary of field procedures, laboratory analysis, tables and graphs of current/historical data, potentiometric map with flow directions/rates, and the complete laboratory analytical report.

Sampling & Monitoring Procedures

Sampling and monitoring activities were performed by MESCO personnel on June 24, 25, 30 and July 1, 2009. Detection monitoring was performed on monitoring wells MW-1, MW-1B, MW-2, MW-4R, MW-9, MW-10, MW-14, MW-15, MW-17, MW-19, MW-20, MW-21, MW-22, and MW-23, and on the three surfacewater sampling locations (SW-3, SW-4R, and SW-5). Assessment monitoring was performed on monitoring wells MW-3, MW-5, MW-6, MW-7, MW-11, MW-12, MW-12D, MW-13, MW-16, MW-24, MW-25, MW-26, MW-27, and MW-18. Groundwater and surfacewater sampling locations are depicted on the potentiometric surface map attached as **Plate 2**.

Groundwater and surfacewater samples were collected in accordance with the procedures outlined in the *Sampling and Analysis Plan* for the facility dated January 26, 2009. Prior to purging, static groundwater depths were measured in each well using an electronic water level indicator accurate to 0.01-foot.

PO Box 97, Garner, North Carolina 27529 (919) 772-5393
PO Box 828, Morehead City, NC 28557 (252) 726-9481 PO Box 349, Boone, North Carolina 28607 (828) 262-1767

Groundwater quality parameters including pH, oxidation-reduction potential (ORP), specific conductivity, temperature, dissolved oxygen (DO), total dissolved solids (TDS), dissolved carbon dioxide. and turbidity. Groundwater quality parameters are summarized in **Table 4** (attached). Disposable nitrile gloves were worn by the field technician to minimize the risk of sample cross-contamination and to limit exposure to groundwater contaminants. Monitoring wells were purged prior to sampling using low-flow sampling techniques. Groundwater samples were collected using individual disposable polyethylene bailers to minimize the risk of cross-contamination between wells. Groundwater samples were transferred to laboratory-prepared, method-specific containers, and placed in ice-filled coolers to chill the samples to approximately 4ºC. The samples were transported by laboratory courier under proper chain-of-custody (COC) to Pace Analytical Laboratories (Huntersville, NC) an NCDENR-certified laboratory. All groundwater and surfacewater locations were analyzed by EPA methods 8260B (complete Appendix I volatile organic compounds- VOCs), 6010B/6020 (Appendix I metals), and 7470 (mercury). COC forms are included with the complete laboratory analytical results (attached).

Groundwater Flow

Groundwater elevations were calculated by subtracting the groundwater depth measurements from the respective wellhead elevations, and contoured to derive the potentiometric surface map attached as **Plate 2**. Groundwater flow in the unconfined and upper bedrock water-bearing zones was in a general westerly direction, with southwesterly and northwesterly flow away from the waste limits, over hydraulic gradients varying from approximately 0.02 to 0.34 feet/foot. Groundwater velocities calculated for wells screened within the unconfined and upper bedrock aquifers were highly variable, ranging from 0.6 ft/yr (MW-19) to 10,546 ft/yr. (MW-24), with a geometric mean of 60 ft/yr and a median of 46 ft/yr. Groundwater flow directions and hydraulic gradients observed during the recent sampling event were consistent with those observed historically. Groundwater flow data is presented in the attached **Table 3**.

Laboratory Analytical Results

Groundwater Samples

Laboratory analysis of the groundwater samples detected VOC concentrations exceeding established 2L Standards in several samples. VOCs that exceeded the respective 2L Standards were benzene, 1,4-dichlorobenzene (*p*-dichlorobenzene), perchloroethylene (PCE), and vinyl chloride. Additionally, chlorinated aliphatic hydrocarbons (CAHs) including trichloroethylene (TCE), dichloromethane (DCM, methylene chloride), 1,1-dichloroethane (1,1-DCA), 1,2-DCA, *cis*-1,2-dichloroethylene (*cis*-1,2-DCE), and 1,2-dichloropropane (1,2-DCP) were detected in concentrations exceeding the respective Solid Waste Section Levels (SWSLs). The following wells all exhibited 2L exceedances: MW-1, MW-1B, MW-2, MW-3, MW-4R, MW-5, MW-7, MW-11, MW-12, MW-14, MW-16, and MW-26. VOCs were not detected in concentrations above method detection limits in the samples collected from deep wells MW-10 and MW-12D. A concentration of 2-hexanone was detected in the sample collected from background well MW-18, at a level below the established SWSL.

Inorganic compound concentrations exceeding their respective SWSLs were detected in samples collected from all of the shallow monitoring wells with the exception of MW-20, and deep wells MW-10 and MW-12D. Metals that exceeded their respective 2L Standards were cadmium, cobalt, thallium, and vanadium. These metals are considered to be of natural occurrence, however, and not the result of landfill activity. Mercury, the only metal determined to be a contaminant of concern in the *Assessment of Corrective Measures* report, was detected in the sample collected from MW-6, in a concentration below the established 2L standard.

Table 1 (attached) summarizes exceedances of 2L, 2B, SWSL, and Groundwater Protection Standards (GWPs). **Table 2**, respectively. Time-series graphs depicting the historical trends of select VOCs that have historically been detected above 2L Standards are also attached.

Surfacewater Samples
Laboratory analysis of surfacewater sample SW-3 detected concentrations of benzene, *p*-dichlorobenzene, *cis*-1,2-DCE, and vinyl chloride in levels below the established 2B Standards. VOC concentrations were below method detection limits in remaining samples SW-4R and SW-5. All surfacewater samples were found to contain silver in concentrations above the established 2B Standard (0.06 µg/L). These levels are comparable to those found in the groundwater samples, which are all below the SWSL (10 µg/L) and 2L Standard (17.5 µg/L). This suggests that silver concentrations that were detected in surfacewater and groundwater samples were possibly of natural occurrence. Surfacewater sample analytical results are summarized in **Tables 1** and **2**.

Discussion and Conclusions

VOC levels in the unconfined and upper bedrock aquifer have remained relatively consistent over the past 24 months. General decreases in VOC levels over the past eight years can be attributed to natural attenuation processes, primarily reductive dechlorination as indicated by variable concentrations of *cis*-1,2-DCE and 1,1-DCA. Groundwater impact does not extend into the lower bedrock aquifer.

As part of corrective action at the site, groundwater samples from select wells were analyzed for monitored natural attenuation parameters as outlined in the *Corrective Action Plan* approved for the site in February 2009. The results of these analyses will be discussed in a brief report to be submitted under separate cover.

Semi-annual sampling and monitoring will be continued at the facility. The next sampling event is tentatively scheduled for performance in December 2009. Please do not hesitate to contact me at (919) 772-5393 or spatrick@mesco.com if you have any questions or comments regarding this report or any aspect of this project.

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

Sean K. Patrick, L.G.
Project Manager/Hydrogeologist
Enclosures
cc: Mr. Josh Mitchell, Alexander County

TABLES

Table 1

Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above SWSL, GWP, 2L, or 2B
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
MW-1	**1,4-Dichlorobenzene**	**6/25/09**	**3.4**	**ug/L**	**0.33**	**1**	**1.4**			**2**
MW-1	**Benzene**	**6/25/09**	**5**	**ug/L**	**0.25**	**1**	**1**			**4**
MW-1	cis-1,2-Dichloroethene	6/25/09	10.8	ug/L	0.19	5	70			
MW-1	Cobalt	6/25/09	59	ug/L	0.60	10			70	
MW-1	**Thallium**	**6/25/09**	**3.1[j]**	**ug/L**	**3.0**	**5.5**			**0.28**	**2.82**
MW-1	**Vanadium**	**6/25/09**	**5.6[j]**	**ug/L**	**0.20**	**25**			**3.5**	**2.1**
MW-1	Zinc	6/25/09	83	ug/L	0.40	10	1050			
MW-1B	**1,4-Dichlorobenzene**	**6/24/09**	**2.9**	**ug/L**	**0.33**	**1**	**1.4**			**1.5**
MW-1B	**Benzene**	**6/24/09**	**2.4**	**ug/L**	**0.25**	**1**	**1**			**1.4**
MW-1B	cis-1,2-Dichloroethene	6/24/09	6.6	ug/L	0.19	5	70			
MW-1B	**Cobalt**	**6/24/09**	**82.3**	**ug/L**	**0.60**	**10**			**70**	**12.3**
MW-1B	Zinc	6/24/09	14.5	ug/L	0.40	10	1050			
MW-2	**1,4-Dichlorobenzene**	**6/24/09**	**4.2**	**ug/L**	**0.33**	**1**	**1.4**			**2.8**
MW-2	Barium	6/24/09	145	ug/L	0.20	100	2000			
MW-2	**Benzene**	**6/24/09**	**2.5**	**ug/L**	**0.25**	**1**	**1**			**1.5**
MW-2	cis-1,2-Dichloroethene	6/24/09	15.3	ug/L	0.19	5	70			
MW-2	**Cobalt**	**6/24/09**	**1180**	**ug/L**	**0.60**	**10**			**70**	**1110**
MW-2	Trichloroethene	6/24/09	2	ug/L	0.47	1	2.8			
MW-3	**1,2-Dichloroethane**	**7/1/09**	**0.47[j]**	**ug/L**	**0.12**	**1**	**0.38**			**0.09**
MW-3	**1,4-Dichlorobenzene**	**7/1/09**	**9.5**	**ug/L**	**0.33**	**1**	**1.4**			**8.1**
MW-3	**Benzene**	**7/1/09**	**8.1**	**ug/L**	**0.25**	**1**	**1**			**7.1**
MW-3	cis-1,2-Dichloroethene	7/1/09	11.6	ug/L	0.19	5	70			
MW-3	Ethylbenzene	7/1/09	3.1	ug/L	0.30	1	550			
MW-3	Toluene	7/1/09	3	ug/L	0.26	1	1000			
MW-3	Trichloroethene	7/1/09	2.2	ug/L	0.47	1	2.8			
MW-3	**Vanadium**	**7/1/09**	**4[j]**	**ug/L**	**0.20**	**25**			**3.5**	**0.5**
MW-3	**Vinyl chloride**	**7/1/09**	**1.3**	**ug/L**	**0.62**	**1**	**0.015**			**1.285**
MW-3	Xylene (Total)	7/1/09	19.7	ug/L	0.66	5	530			
MW-3	Zinc	7/1/09	15.5	ug/L	0.40	10	1050			
MW-4R	1,1-Dichloroethane	6/24/09	5.6	ug/L	0.32	5	70			
MW-4R	**1,4-Dichlorobenzene**	**6/24/09**	**5.1**	**ug/L**	**0.33**	**1**	**1.4**			**3.7**
MW-4R	Barium	6/24/09	121	ug/L	0.20	100	2000			
MW-4R	**Benzene**	**6/24/09**	**3**	**ug/L**	**0.25**	**1**	**1**			**2**
MW-4R	cis-1,2-Dichloroethene	6/24/09	20.8	ug/L	0.19	5	70			
MW-4R	**Cobalt**	**6/24/09**	**229**	**ug/L**	**0.60**	**10**			**70**	**159**

Table 1

Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above SWSL, GWP, 2L, or 2B
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
MW-5	1,1-Dichloroethane	7/1/09	5.1	ug/L	0.32	5	70			
MW-5	**1,4-Dichlorobenzene**	**7/1/09**	**1.8**	**ug/L**	**0.33**	**1**	**1.4**			**0.4**
MW-5	**Benzene**	**7/1/09**	**3.8**	**ug/L**	**0.25**	**1**	**1**			**2.8**
MW-5	cis-1,2-Dichloroethene	7/1/09	11.5	ug/L	0.19	5	70			
MW-5	**Thallium**	**7/1/09**	**3.1[j]**	**ug/L**	**3.0**	**5.5**			**0.28**	**2.82**
MW-5	**Vanadium**	**7/1/09**	**4.6[j]**	**ug/L**	**0.20**	**25**			**3.5**	**1.1**
MW-5	Zinc	7/1/09	23.2	ug/L	0.40	10	1050			
MW-6	Cobalt	6/30/09	21.2	ug/L	0.60	10			70	
MW-7	**Benzene**	**7/1/09**	**3.3**	**ug/L**	**0.25**	**1**	**1**			**2.3**
MW-7	cis-1,2-Dichloroethene	7/1/09	5.2	ug/L	0.19	5	70			
MW-9	cis-1,2-Dichloroethene	6/24/09	15.3	ug/L	0.19	5	70			
MW-9	Cobalt	6/24/09	34.7	ug/L	0.60	10			70	
MW-11	**1,4-Dichlorobenzene**	**6/30/09**	**8.5**	**ug/L**	**0.33**	**1**	**1.4**			**7.1**
MW-11	Barium	6/30/09	130	ug/L	0.20	100	2000			
MW-11	**Benzene**	**6/30/09**	**5**	**ug/L**	**0.25**	**1**	**1**			**4**
MW-11	cis-1,2-Dichloroethene	6/30/09	32.5	ug/L	0.19	5	70			
MW-11	**Cobalt**	**6/30/09**	**132**	**ug/L**	**0.60**	**10**			**70**	**62**
MW-11	**Vinyl chloride**	**6/30/09**	**0.94[j]**	**ug/L**	**0.62**	**1**	**0.015**			**0.925**
MW-11	Zinc	6/30/09	27.7	ug/L	0.40	10	1050			
MW-12	**1,4-Dichlorobenzene**	**7/1/09**	**6.9**	**ug/L**	**0.33**	**1**	**1.4**			**5.5**
MW-12	**Benzene**	**7/1/09**	**6**	**ug/L**	**0.25**	**1**	**1**			**5**
MW-12	cis-1,2-Dichloroethene	7/1/09	12.5	ug/L	0.19	5	70			
MW-12	**Tetrachloroethene**	**7/1/09**	**1.1**	**ug/L**	**0.46**	**1**	**0.7**			**0.4**
MW-12	Trichloroethene	7/1/09	1.9	ug/L	0.47	1	2.8			
MW-13	Zinc	6/30/09	11.7	ug/L	0.40	10	1050			
MW-14	**1,4-Dichlorobenzene**	**6/24/09**	**2.5**	**ug/L**	**0.33**	**1**	**1.4**			**1.1**
MW-14	Benzene	6/24/09	1	ug/L	0.25	1	1			
MW-14	**Cadmium**	**6/24/09**	**2.8**	**ug/L**	**0.50**	**1**	**1.75**			**1.05**
MW-14	cis-1,2-Dichloroethene	6/24/09	12.3	ug/L	0.19	5	70			
MW-14	**Cobalt**	**6/24/09**	**87.8**	**ug/L**	**0.60**	**10**			**70**	**17.8**
MW-14	Zinc	6/24/09	15.4	ug/L	0.40	10	1050			
MW-15	1,1-Dichloroethane	6/25/09	7.1	ug/L	0.32	5	70			
MW-15	**Benzene**	**6/25/09**	**2.5**	**ug/L**	**0.25**	**1**	**1**			**1.5**
MW-15	cis-1,2-Dichloroethene	6/25/09	5.2	ug/L	0.19	5	70			
MW-15	Cobalt	6/25/09	19.5	ug/L	0.60	10			70	
MW-15	Trichloroethene	6/25/09	1	ug/L	0.47	1	2.8			

Table 1

Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above SWSL, GWP, 2L, or 2B
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
MW-16	1,1-Dichloroethane	7/1/09	11.5	ug/L	0.32	5	70			
MW-16	**1,2-Dichloropropane**	**7/1/09**	**0.58[j]**	**ug/L**	**0.27**	**1**	**0.51**			**0.07**
MW-16	**1,4-Dichlorobenzene**	**7/1/09**	**2.1**	**ug/L**	**0.33**	**1**	**1.4**			**0.7**
MW-16	**Benzene**	**7/1/09**	**4.9**	**ug/L**	**0.25**	**1**	**1**			**3.9**
MW-16	cis-1,2-Dichloroethene	7/1/09	17.2	ug/L	0.19	5	70			
MW-16	Methylene Chloride	7/1/09	2	ug/L	0.97	2	4.6			
MW-16	**Tetrachloroethene**	**7/1/09**	**2.1**	**ug/L**	**0.46**	**1**	**0.7**			**1.4**
MW-16	Trichloroethene	7/1/09	2.5	ug/L	0.47	1	2.8			
MW-17	**Cadmium**	**6/25/09**	**14.7**	**ug/L**	**0.50**	**1**	**1.75**			**12.95**
MW-17	Cobalt	6/25/09	16.8	ug/L	0.60	10			70	
MW-18	**Cobalt**	**6/25/09**	**90.9**	**ug/L**	**0.60**	**10**			**70**	**20.9**
MW-18	Copper	6/25/09	143	ug/L	0.30	10	1000			
MW-18	Nickel	6/25/09	86.9	ug/L	1.7	50	100			
MW-18	**Vanadium**	**6/25/09**	**5.1[j]**	**ug/L**	**0.20**	**25**			**3.5**	**1.6**
MW-18	Zinc	6/25/09	39.5	ug/L	0.40	10	1050			
MW-19	Cobalt	6/25/09	10.7	ug/L	0.60	10			70	
MW-19	Copper	6/25/09	10.7	ug/L	0.30	10	1000			
MW-19	**Vanadium**	**6/25/09**	**10.1[j]**	**ug/L**	**0.20**	**25**			**3.5**	**6.6**
MW-19	Zinc	6/25/09	10.2	ug/L	0.40	10	1050			
MW-21	Cobalt	6/25/09	17.1	ug/L	0.60	10			70	
MW-22	Methylene Chloride	6/25/09	3.8	ug/L	0.97	2	4.6			
MW-23	Cobalt	6/25/09	14	ug/L	0.60	10			70	
MW-24	Cobalt	6/30/09	28.9	ug/L	0.60	10			70	
MW-26	**Benzene**	**6/30/09**	**1.4**	**ug/L**	**0.25**	**1**	**1**			**0.4**
MW-26	cis-1,2-Dichloroethene	6/30/09	28.3	ug/L	0.19	5	70			
MW-26	**Cobalt**	**6/30/09**	**70.9**	**ug/L**	**0.60**	**10**			**70**	**0.9**
MW-26	**Vanadium**	**6/30/09**	**4.7[j]**	**ug/L**	**0.20**	**25**			**3.5**	**1.2**
MW-26	Zinc	6/30/09	20.7	ug/L	0.40	10	1050			
MW-27	Chromium	6/30/09	12.9	ug/L	0.40	10	50			
MW-27	cis-1,2-Dichloroethene	6/30/09	19	ug/L	0.19	5	70			
MW-27	**Vanadium**	**6/30/09**	**8.4[j]**	**ug/L**	**0.20**	**25**			**3.5**	**4.9**
MW-27	Zinc	6/30/09	12.2	ug/L	0.40	10	1050			
SW-3	1,4-Dichlorobenzene	6/24/09	2.1	ug/L	0.33	1		100		
SW-3	Benzene	6/24/09	1.1	ug/L	0.25	1		51		
SW-3	cis-1,2-Dichloroethene	6/24/09	9.8	ug/L	0.19	5		4900		

Table 1

Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above SWSL, GWP, 2L, or 2B
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
SW-3	Cobalt	6/24/09	121	ug/L	0.60	10		270		
SW-3	**Silver**	**6/24/09**	**0.36[j]**	**ug/L**	**0.10**	**10**		**0.06**		**0.3**
SW-3	Vinyl chloride	6/24/09	1.4	ug/L	0.62	1		2.4		
SW-4R	**Silver**	**6/25/09**	**0.24[j]**	**ug/L**	**0.10**	**10**		**0.06**		**0.18**
SW-5	Cobalt	6/24/09	20.5	ug/L	0.60	10		270		
SW-5	**Silver**	**6/24/09**	**0.16[j]**	**ug/L**	**0.10**	**10**		**0.06**		**0.1**

[1] Table only contains detected constituents detected above the SWSL, GWP, NCGW2L or NCSW2B Standards

[2] MDL = Method Detection Limit

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

[4] 2L = North Carolina Ground Water 2L Standard (Current as of Sampling Event)

[5] 2B = North Carolina Surface Water 2B Standard for Specific Stream Classification (Current as of Sampling Event)

[J] =The reported value is estimated & between the laboratory MDL & the SWSL, adjusted for actual sample preparation data and mois

LFG = Landfill Gas

NE = Not Established

BOLD = Concentration =>GWP, NCGW2L, or NCSW2B Standard (Current as of Sampling Event)

Table 2
Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above MDL
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
MW-1	1,1-Dichloroethane	6/25/09	1.8	ug/L	0.32	5	70			
MW-1	**1,4-Dichlorobenzene**	**6/25/09**	**3.4**	**ug/L**	**0.33**	**1**	**1.4**			**2**
MW-1	2-Hexanone	6/25/09	24.9	ug/L	0.46	50			280	
MW-1	Barium	6/25/09	52.7	ug/L	0.20	100	2000			
MW-1	**Benzene**	**6/25/09**	**5**	**ug/L**	**0.25**	**1**	**1**			**4**
MW-1	Chlorobenzene	6/25/09	0.45	ug/L	0.23	3	50			
MW-1	Chromium	6/25/09	5.6	ug/L	0.40	10	50			
MW-1	cis-1,2-Dichloroethene	6/25/09	10.8	ug/L	0.19	5	70			
MW-1	Cobalt	6/25/09	59	ug/L	0.60	10			70	
MW-1	Copper	6/25/09	9	ug/L	0.30	10	1000			
MW-1	Nickel	6/25/09	11.7	ug/L	1.7	50	100			
MW-1	Silver	6/25/09	0.49	ug/L	0.10	10	18			
MW-1	**Thallium**	**6/25/09**	**3.1[j]**	**ug/L**	**3.0**	**5.5**			**0.28**	**2.82**
MW-1	**Vanadium**	**6/25/09**	**5.6[j]**	**ug/L**	**0.20**	**25**			**3.5**	**2.1**
MW-1	Xylene (Total)	6/25/09	0.95	ug/L	0.66	5	530			
MW-1	Zinc	6/25/09	83	ug/L	0.40	10	1050			
MW-1B	1,1-Dichloroethane	6/24/09	1.4	ug/L	0.32	5	70			
MW-1B	**1,4-Dichlorobenzene**	**6/24/09**	**2.9**	**ug/L**	**0.33**	**1**	**1.4**			**1.5**
MW-1B	Barium	6/24/09	67.6	ug/L	0.20	100	2000			
MW-1B	**Benzene**	**6/24/09**	**2.4**	**ug/L**	**0.25**	**1**	**1**			**1.4**
MW-1B	Chlorobenzene	6/24/09	0.31	ug/L	0.23	3	50			
MW-1B	cis-1,2-Dichloroethene	6/24/09	6.6	ug/L	0.19	5	70			
MW-1B	**Cobalt**	**6/24/09**	**82.3**	**ug/L**	**0.60**	**10**			**70**	**12.3**
MW-1B	Copper	6/24/09	2.4	ug/L	0.30	10	1000			
MW-1B	Ethylbenzene	6/24/09	0.44	ug/L	0.30	1	550			
MW-1B	Nickel	6/24/09	7.3	ug/L	1.7	50	100			
MW-1B	Xylene (Total)	6/24/09	3.4	ug/L	0.66	5	530			
MW-1B	Zinc	6/24/09	14.5	ug/L	0.40	10	1050			
MW-2	1,1-Dichloroethane	6/24/09	1.2	ug/L	0.32	5	70			
MW-2	**1,4-Dichlorobenzene**	**6/24/09**	**4.2**	**ug/L**	**0.33**	**1**	**1.4**			**2.8**
MW-2	Acetone	6/24/09	3.4	ug/L	2.2	100	700			
MW-2	Barium	6/24/09	145	ug/L	0.20	100	2000			
MW-2	**Benzene**	**6/24/09**	**2.5**	**ug/L**	**0.25**	**1**	**1**			**1.5**
MW-2	Chlorobenzene	6/24/09	1.5	ug/L	0.23	3	50			
MW-2	cis-1,2-Dichloroethene	6/24/09	15.3	ug/L	0.19	5	70			
MW-2	**Cobalt**	**6/24/09**	**1180**	**ug/L**	**0.60**	**10**			**70**	**1110**
MW-2	Nickel	6/24/09	12.2	ug/L	1.7	50	100			
MW-2	Silver	6/24/09	0.88	ug/L	0.10	10	18			
MW-2	Trichloroethene	6/24/09	2	ug/L	0.47	1	2.8			
MW-2	Zinc	6/24/09	4	ug/L	0.40	10	1050			

Table 2
Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above MDL
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
MW-3	1,1-Dichloroethane	7/1/09	1	ug/L	0.32	5	70			
MW-3	1,2-Dichlorobenzene	7/1/09	0.69	ug/L	0.30	5	620			
MW-3	**1,2-Dichloroethane**	**7/1/09**	**0.47[j]**	**ug/L**	**0.12**	**1**	**0.38**			**0.09**
MW-3	**1,4-Dichlorobenzene**	**7/1/09**	**9.5**	**ug/L**	**0.33**	**1**	**1.4**			**8.1**
MW-3	Arsenic	7/1/09	3	ug/L	2.7	10	50			
MW-3	Barium	7/1/09	50.8	ug/L	0.20	100	2000			
MW-3	**Benzene**	**7/1/09**	**8.1**	**ug/L**	**0.25**	**1**	**1**			**7.1**
MW-3	Chlorobenzene	7/1/09	1	ug/L	0.23	3	50			
MW-3	Chromium	7/1/09	6.4	ug/L	0.40	10	50			
MW-3	cis-1,2-Dichloroethene	7/1/09	11.6	ug/L	0.19	5	70			
MW-3	Cobalt	7/1/09	3.5	ug/L	0.60	10			70	
MW-3	Copper	7/1/09	6.9	ug/L	0.30	10	1000			
MW-3	Ethylbenzene	7/1/09	3.1	ug/L	0.30	1	550			
MW-3	Nickel	7/1/09	24.6	ug/L	1.7	50	100			
MW-3	Silver	7/1/09	0.75	ug/L	0.10	10	18			
MW-3	Toluene	7/1/09	3	ug/L	0.26	1	1000			
MW-3	Trichloroethene	7/1/09	2.2	ug/L	0.47	1	2.8			
MW-3	**Vanadium**	**7/1/09**	**4[j]**	**ug/L**	**0.20**	**25**			**3.5**	**0.5**
MW-3	**Vinyl chloride**	**7/1/09**	**1.3**	**ug/L**	**0.62**	**1**	**0.015**			**1.285**
MW-3	Xylene (Total)	7/1/09	19.7	ug/L	0.66	5	530			
MW-3	Zinc	7/1/09	15.5	ug/L	0.40	10	1050			
MW-4R	1,1-Dichloroethane	6/24/09	5.6	ug/L	0.32	5	70			
MW-4R	**1,4-Dichlorobenzene**	**6/24/09**	**5.1**	**ug/L**	**0.33**	**1**	**1.4**			**3.7**
MW-4R	Acetone	6/24/09	3.3	ug/L	2.2	100	700			
MW-4R	Arsenic	6/24/09	3	ug/L	2.7	10	50			
MW-4R	Barium	6/24/09	121	ug/L	0.20	100	2000			
MW-4R	**Benzene**	**6/24/09**	**3**	**ug/L**	**0.25**	**1**	**1**			**2**
MW-4R	Chlorobenzene	6/24/09	1.8	ug/L	0.23	3	50			
MW-4R	Chloroethane	6/24/09	2.9	ug/L	0.54	10	2800			
MW-4R	cis-1,2-Dichloroethene	6/24/09	20.8	ug/L	0.19	5	70			
MW-4R	**Cobalt**	**6/24/09**	**229**	**ug/L**	**0.60**	**10**			**70**	**159**
MW-4R	Nickel	6/24/09	9.3	ug/L	1.7	50	100			
MW-4R	Silver	6/24/09	0.77	ug/L	0.10	10	18			
MW-5	1,1-Dichloroethane	7/1/09	5.1	ug/L	0.32	5	70			
MW-5	**1,4-Dichlorobenzene**	**7/1/09**	**1.8**	**ug/L**	**0.33**	**1**	**1.4**			**0.4**
MW-5	Barium	7/1/09	77.2	ug/L	0.20	100	2000			
MW-5	**Benzene**	**7/1/09**	**3.8**	**ug/L**	**0.25**	**1**	**1**			**2.8**
MW-5	Beryllium	7/1/09	0.75	ug/L	0.10	1			4	
MW-5	Chlorobenzene	7/1/09	0.66	ug/L	0.23	3	50			
MW-5	Chromium	7/1/09	1.9	ug/L	0.40	10	50			
MW-5	cis-1,2-Dichloroethene	7/1/09	11.5	ug/L	0.19	5	70			
MW-5	Copper	7/1/09	4.4	ug/L	0.30	10	1000			
MW-5	Silver	7/1/09	0.68	ug/L	0.10	10	18			
MW-5	**Thallium**	**7/1/09**	**3.1[j]**	**ug/L**	**3.0**	**5.5**			**0.28**	**2.82**
MW-5	Toluene	7/1/09	0.75	ug/L	0.26	1	1000			

Table 2
Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above MDL
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
MW-5	Trichloroethene	7/1/09	0.54	ug/L	0.47	1	2.8			
MW-5	**Vanadium**	**7/1/09**	**4.6[j]**	**ug/L**	**0.20**	**25**			**3.5**	**1.1**
MW-5	Zinc	7/1/09	23.2	ug/L	0.40	10	1050			
MW-6	Barium	6/30/09	62.9	ug/L	0.20	100	2000			
MW-6	Beryllium	6/30/09	0.11	ug/L	0.10	1			4	
MW-6	Chloromethane	6/30/09	0.17	ug/L	0.11	1	2.6			
MW-6	Chromium	6/30/09	3.8	ug/L	0.40	10	50			
MW-6	Cobalt	6/30/09	21.2	ug/L	0.60	10			70	
MW-6	Copper	6/30/09	5.1	ug/L	0.30	10	1000			
MW-6	Nickel	6/30/09	7.1	ug/L	1.7	50	100			
MW-6	Silver	6/30/09	0.39	ug/L	0.10	10	18			
MW-6	Vanadium	6/30/09	1.8	ug/L	0.20	25			3.5	
MW-6	Zinc	6/30/09	9.6	ug/L	0.40	10	1050			
MW-6	Mercury	6/30/09	0.71	ug/L	0.070	0.20	1.1			
MW-7	1,1-Dichloroethane	7/1/09	3.4	ug/L	0.32	5	70			
MW-7	1,4-Dichlorobenzene	7/1/09	0.97	ug/L	0.33	1	1.4			
MW-7	Acetone	7/1/09	10	ug/L	2.2	100	700			
MW-7	Barium	7/1/09	13.8	ug/L	0.20	100	2000			
MW-7	**Benzene**	**7/1/09**	**3.3**	**ug/L**	**0.25**	**1**	**1**			**2.3**
MW-7	Beryllium	7/1/09	0.16	ug/L	0.10	1			4	
MW-7	Chlorobenzene	7/1/09	0.51	ug/L	0.23	3	50			
MW-7	Chromium	7/1/09	1.6	ug/L	0.40	10	50			
MW-7	cis-1,2-Dichloroethene	7/1/09	5.2	ug/L	0.19	5	70			
MW-7	Silver	7/1/09	0.63	ug/L	0.10	10	18			
MW-7	Trichloroethene	7/1/09	0.48	ug/L	0.47	1	2.8			
MW-7	Vanadium	7/1/09	1.7	ug/L	0.20	25			3.5	
MW-7	Zinc	7/1/09	1.5	ug/L	0.40	10	1050			
MW-9	1,1-Dichloroethane	6/24/09	1.6	ug/L	0.32	5	70			
MW-9	1,4-Dichlorobenzene	6/24/09	0.51	ug/L	0.33	1	1.4			
MW-9	Barium	6/24/09	70.7	ug/L	0.20	100	2000			
MW-9	Chromium	6/24/09	0.48	ug/L	0.40	10	50			
MW-9	cis-1,2-Dichloroethene	6/24/09	15.3	ug/L	0.19	5	70			
MW-9	Cobalt	6/24/09	34.7	ug/L	0.60	10			70	
MW-9	Copper	6/24/09	1.2	ug/L	0.30	10	1000			
MW-9	Nickel	6/24/09	20.4	ug/L	1.7	50	100			
MW-9	Silver	6/24/09	0.33	ug/L	0.10	10	18			
MW-9	Zinc	6/24/09	4.3	ug/L	0.40	10	1050			
MW-10	1,1-Dichloroethane	6/24/09	0.68	ug/L	0.32	5	70			
MW-10	Arsenic	6/24/09	5.7	ug/L	2.7	10	50			
MW-10	Barium	6/24/09	30.7	ug/L	0.20	100	2000			
MW-10	Benzene	6/24/09	0.9	ug/L	0.25	1	1			
MW-10	Chromium	6/24/09	0.54	ug/L	0.40	10	50			
MW-10	cis-1,2-Dichloroethene	6/24/09	2.4	ug/L	0.19	5	70			
MW-10	Cobalt	6/24/09	9	ug/L	0.60	10			70	
MW-10	Silver	6/24/09	0.53	ug/L	0.10	10	18			

Table 2
Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above MDL
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
MW-10	Vanadium	6/24/09	0.77	ug/L	0.20	25			3.5	
MW-10	Zinc	6/24/09	1.5	ug/L	0.40	10	1050			
MW-11	1,1-Dichloroethane	6/30/09	1.7	ug/L	0.32	5	70			
MW-11	1,2-Dichlorobenzene	6/30/09	0.47	ug/L	0.30	5	620			
MW-11	**1,4-Dichlorobenzene**	**6/30/09**	**8.5**	**ug/L**	**0.33**	**1**	**1.4**			**7.1**
MW-11	Arsenic	6/30/09	4.4	ug/L	2.7	10	50			
MW-11	Barium	6/30/09	130	ug/L	0.20	100	2000			
MW-11	**Benzene**	**6/30/09**	**5**	**ug/L**	**0.25**	**1**	**1**			**4**
MW-11	Chlorobenzene	6/30/09	2.2	ug/L	0.23	3	50			
MW-11	cis-1,2-Dichloroethene	6/30/09	32.5	ug/L	0.19	5	70			
MW-11	**Cobalt**	**6/30/09**	**132**	**ug/L**	**0.60**	**10**			**70**	**62**
MW-11	Ethylbenzene	6/30/09	0.61	ug/L	0.30	1	550			
MW-11	Nickel	6/30/09	17	ug/L	1.7	50	100			
MW-11	Silver	6/30/09	1	ug/L	0.10	10	18			
MW-11	Tetrachloroethene	6/30/09	0.49	ug/L	0.46	1	0.7			
MW-11	Trichloroethene	6/30/09	0.87	ug/L	0.47	1	2.8			
MW-11	Vanadium	6/30/09	0.97	ug/L	0.20	25			3.5	
MW-11	**Vinyl chloride**	**6/30/09**	**0.94** [j]	**ug/L**	**0.62**	**1**	**0.015**			**0.925**
MW-11	Zinc	6/30/09	27.7	ug/L	0.40	10	1050			
MW-12	1,1-Dichloroethane	7/1/09	3.8	ug/L	0.32	5	70			
MW-12	1,2-Dichloroethane	7/1/09	0.32	ug/L	0.12	1	0.38			
MW-12	**1,4-Dichlorobenzene**	**7/1/09**	**6.9**	**ug/L**	**0.33**	**1**	**1.4**			**5.5**
MW-12	Barium	7/1/09	69.3	ug/L	0.20	100	2000			
MW-12	**Benzene**	**7/1/09**	**6**	**ug/L**	**0.25**	**1**	**1**			**5**
MW-12	Chlorobenzene	7/1/09	1.6	ug/L	0.23	3	50			
MW-12	Chromium	7/1/09	0.62	ug/L	0.40	10	50			
MW-12	cis-1,2-Dichloroethene	7/1/09	12.5	ug/L	0.19	5	70			
MW-12	Cobalt	7/1/09	7.5	ug/L	0.60	10			70	
MW-12	Copper	7/1/09	0.6	ug/L	0.30	10	1000			
MW-12	Nickel	7/1/09	2.7	ug/L	1.7	50	100			
MW-12	Silver	7/1/09	0.3	ug/L	0.10	10	18			
MW-12	**Tetrachloroethene**	**7/1/09**	**1.1**	**ug/L**	**0.46**	**1**	**0.7**			**0.4**
MW-12	Trichloroethene	7/1/09	1.9	ug/L	0.47	1	2.8			
MW-12	Vanadium	7/1/09	0.69	ug/L	0.20	25			3.5	
MW-12	Zinc	7/1/09	6.4	ug/L	0.40	10	1050			
MW-12D	1,1-Dichloroethane	7/1/09	1.1	ug/L	0.32	5	70			
MW-12D	Arsenic	7/1/09	4.5	ug/L	2.7	10	50			
MW-12D	Barium	7/1/09	14.2	ug/L	0.20	100	2000			
MW-12D	Benzene	7/1/09	0.65	ug/L	0.25	1	1			
MW-12D	Chromium	7/1/09	1	ug/L	0.40	10	50			
MW-12D	cis-1,2-Dichloroethene	7/1/09	0.77	ug/L	0.19	5	70			
MW-12D	Silver	7/1/09	0.51	ug/L	0.10	10	18			
MW-12D	Vanadium	7/1/09	0.33	ug/L	0.20	25			3.5	
MW-12D	Zinc	7/1/09	6.4	ug/L	0.40	10	1050			

Table 2
Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above MDL
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
MW-13	2-Hexanone	6/30/09	5.2	ug/L	0.46	50			280	
MW-13	Barium	6/30/09	19.8	ug/L	0.20	100	2000			
MW-13	Benzene	6/30/09	0.27	ug/L	0.25	1	1			
MW-13	Chromium	6/30/09	3	ug/L	0.40	10	50			
MW-13	cis-1,2-Dichloroethene	6/30/09	0.45	ug/L	0.19	5	70			
MW-13	Cobalt	6/30/09	2.8	ug/L	0.60	10			70	
MW-13	Copper	6/30/09	3.2	ug/L	0.30	10	1000			
MW-13	Nickel	6/30/09	7.5	ug/L	1.7	50	100			
MW-13	Silver	6/30/09	0.51	ug/L	0.10	10	18			
MW-13	Vanadium	6/30/09	1.9	ug/L	0.20	25			3.5	
MW-13	Zinc	6/30/09	11.7	ug/L	0.40	10	1050			
MW-14	1,1-Dichloroethane	6/24/09	1.3	ug/L	0.32	5	70			
MW-14	**1,4-Dichlorobenzene**	**6/24/09**	**2.5**	**ug/L**	**0.33**	**1**	**1.4**			**1.1**
MW-14	Barium	6/24/09	57.9	ug/L	0.20	100	2000			
MW-14	**Benzene**	**6/24/09**	**1**	**ug/L**	**0.25**	**1**	**1**			**0**
MW-14	**Cadmium**	**6/24/09**	**2.8**	**ug/L**	**0.50**	**1**	**1.75**			**1.05**
MW-14	Chlorobenzene	6/24/09	1.4	ug/L	0.23	3	50			
MW-14	Chromium	6/24/09	1.3	ug/L	0.40	10	50			
MW-14	cis-1,2-Dichloroethene	6/24/09	12.3	ug/L	0.19	5	70			
MW-14	**Cobalt**	**6/24/09**	**87.8**	**ug/L**	**0.60**	**10**			**70**	**17.8**
MW-14	Copper	6/24/09	2.6	ug/L	0.30	10	1000			
MW-14	Nickel	6/24/09	7.1	ug/L	1.7	50	100			
MW-14	Silver	6/24/09	0.26	ug/L	0.10	10	18			
MW-14	Vanadium	6/24/09	0.24	ug/L	0.20	25			3.5	
MW-14	Zinc	6/24/09	15.4	ug/L	0.40	10	1050			
MW-15	1,1-Dichloroethane	6/25/09	7.1	ug/L	0.32	5	70			
MW-15	1,2-Dichloroethane	6/25/09	0.18	ug/L	0.12	1	0.38			
MW-15	1,4-Dichlorobenzene	6/25/09	0.46	ug/L	0.33	1	1.4			
MW-15	Acetone	6/25/09	4.8	ug/L	2.2	100	700			
MW-15	Barium	6/25/09	10.1	ug/L	0.20	100	2000			
MW-15	**Benzene**	**6/25/09**	**2.5**	**ug/L**	**0.25**	**1**	**1**			**1.5**
MW-15	Chloroethane	6/25/09	2.2	ug/L	0.54	10	2800			
MW-15	Chromium	6/25/09	0.64	ug/L	0.40	10	50			
MW-15	cis-1,2-Dichloroethene	6/25/09	5.2	ug/L	0.19	5	70			
MW-15	Cobalt	6/25/09	19.5	ug/L	0.60	10			70	
MW-15	Copper	6/25/09	0.75	ug/L	0.30	10	1000			
MW-15	Silver	6/25/09	0.17	ug/L	0.10	10	18			
MW-15	Toluene	6/25/09	0.26	ug/L	0.26	1	1000			
MW-15	Trichloroethene	6/25/09	1	ug/L	0.47	1	2.8			
MW-15	Vanadium	6/25/09	1.2	ug/L	0.20	25			3.5	
MW-15	Zinc	6/25/09	2	ug/L	0.40	10	1050			

Table 2
Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above MDL
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
MW-16	1,1-Dichloroethane	7/1/09	11.5	ug/L	0.32	5	70			
MW-16	1,2-Dichloroethane	7/1/09	0.15	ug/L	0.12	1	0.38			
MW-16	**1,2-Dichloropropane**	**7/1/09**	**0.58[j]**	**ug/L**	**0.27**	**1**	**0.51**			**0.07**
MW-16	**1,4-Dichlorobenzene**	**7/1/09**	**2.1**	**ug/L**	**0.33**	**1**	**1.4**			**0.7**
MW-16	Acetone	7/1/09	3.4	ug/L	2.2	100	700			
MW-16	Barium	7/1/09	39.2	ug/L	0.20	100	2000			
MW-16	**Benzene**	**7/1/09**	**4.9**	**ug/L**	**0.25**	**1**	**1**			**3.9**
MW-16	Chlorobenzene	7/1/09	0.63	ug/L	0.23	3	50			
MW-16	Chloroethane	7/1/09	0.9	ug/L	0.54	10	2800			
MW-16	Chromium	7/1/09	1.4	ug/L	0.40	10	50			
MW-16	cis-1,2-Dichloroethene	7/1/09	17.2	ug/L	0.19	5	70			
MW-16	Cobalt	7/1/09	8.8	ug/L	0.60	10			70	
MW-16	Copper	7/1/09	1.9	ug/L	0.30	10	1000			
MW-16	Ethylbenzene	7/1/09	0.34	ug/L	0.30	1	550			
MW-16	Methylene Chloride	7/1/09	2	ug/L	0.97	2	4.6			
MW-16	Nickel	7/1/09	4	ug/L	1.7	50	100			
MW-16	Silver	7/1/09	0.29	ug/L	0.10	10	18			
MW-16	**Tetrachloroethene**	**7/1/09**	**2.1**	**ug/L**	**0.46**	**1**	**0.7**			**1.4**
MW-16	Trichloroethene	7/1/09	2.5	ug/L	0.47	1	2.8			
MW-16	Vanadium	7/1/09	1.6	ug/L	0.20	25			3.5	
MW-16	Xylene (Total)	7/1/09	2.1	ug/L	0.66	5	530			
MW-16	Zinc	7/1/09	5.7	ug/L	0.40	10	1050			
MW-17	1,1-Dichloroethane	6/25/09	2.8	ug/L	0.32	5	70			
MW-17	1,4-Dichlorobenzene	6/25/09	0.39	ug/L	0.33	1	1.4			
MW-17	Barium	6/25/09	36	ug/L	0.20	100	2000			
MW-17	Benzene	6/25/09	0.94	ug/L	0.25	1	1			
MW-17	**Cadmium**	**6/25/09**	**14.7**	**ug/L**	**0.50**	**1**	**1.75**			**12.95**
MW-17	cis-1,2-Dichloroethene	6/25/09	3.2	ug/L	0.19	5	70			
MW-17	Cobalt	6/25/09	16.8	ug/L	0.60	10			70	
MW-17	Copper	6/25/09	0.99	ug/L	0.30	10	1000			
MW-17	Nickel	6/25/09	3	ug/L	1.7	50	100			
MW-17	Silver	6/25/09	0.11	ug/L	0.10	10	18			
MW-17	Trichloroethene	6/25/09	0.56	ug/L	0.47	1	2.8			
MW-17	Zinc	6/25/09	3.9	ug/L	0.40	10	1050			
MW-18	2-Hexanone	6/25/09	2.2	ug/L	0.46	50			280	
MW-18	Arsenic	6/25/09	2.7	ug/L	2.7	10	50			
MW-18	Barium	6/25/09	38.2	ug/L	0.20	100	2000			
MW-18	Beryllium	6/25/09	0.24	ug/L	0.10	1			4	
MW-18	Chromium	6/25/09	3.8	ug/L	0.40	10	50			
MW-18	**Cobalt**	**6/25/09**	**90.9**	**ug/L**	**0.60**	**10**			**70**	**20.9**
MW-18	Copper	6/25/09	143	ug/L	0.30	10	1000			
MW-18	Nickel	6/25/09	86.9	ug/L	1.7	50	100			
MW-18	Silver	6/25/09	0.12	ug/L	0.10	10	18			
MW-18	**Vanadium**	**6/25/09**	**5.1[j]**	**ug/L**	**0.20**	**25**			**3.5**	**1.6**
MW-18	Zinc	6/25/09	39.5	ug/L	0.40	10	1050			

Table 2
Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above MDL
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
MW-19	2-Hexanone	6/25/09	13.9	ug/L	0.46	50			280	
MW-19	Barium	6/25/09	55.7	ug/L	0.20	100	2000			
MW-19	Chromium	6/25/09	8	ug/L	0.40	10	50			
MW-19	Cobalt	6/25/09	10.7	ug/L	0.60	10			70	
MW-19	Copper	6/25/09	10.7	ug/L	0.30	10	1000			
MW-19	Nickel	6/25/09	7.8	ug/L	1.7	50	100			
MW-19	Silver	6/25/09	0.36	ug/L	0.10	10	18			
MW-19	**Vanadium**	**6/25/09**	**10.1[j]**	**ug/L**	**0.20**	**25**			**3.5**	**6.6**
MW-19	Zinc	6/25/09	10.2	ug/L	0.40	10	1050			
MW-20	1,1-Dichloroethane	6/25/09	0.96	ug/L	0.32	5	70			
MW-20	2-Hexanone	6/25/09	1.4	ug/L	0.46	50			280	
MW-20	Barium	6/25/09	48	ug/L	0.20	100	2000			
MW-20	Chromium	6/25/09	4.3	ug/L	0.40	10	50			
MW-20	Cobalt	6/25/09	4.5	ug/L	0.60	10			70	
MW-20	Copper	6/25/09	4.5	ug/L	0.30	10	1000			
MW-20	Nickel	6/25/09	6.5	ug/L	1.7	50	100			
MW-20	Silver	6/25/09	0.19	ug/L	0.10	10	18			
MW-20	Vanadium	6/25/09	3	ug/L	0.20	25			3.5	
MW-20	Zinc	6/25/09	5.6	ug/L	0.40	10	1050			
MW-21	1,1-Dichloroethane	6/25/09	0.75	ug/L	0.32	5	70			
MW-21	Barium	6/25/09	43.2	ug/L	0.20	100	2000			
MW-21	Chromium	6/25/09	0.63	ug/L	0.40	10	50			
MW-21	cis-1,2-Dichloroethene	6/25/09	0.36	ug/L	0.19	5	70			
MW-21	Cobalt	6/25/09	17.1	ug/L	0.60	10			70	
MW-21	Copper	6/25/09	0.37	ug/L	0.30	10	1000			
MW-21	Nickel	6/25/09	2.9	ug/L	1.7	50	100			
MW-21	Silver	6/25/09	0.2	ug/L	0.10	10	18			
MW-21	Zinc	6/25/09	2.9	ug/L	0.40	10	1050			
MW-22	Acetone	6/25/09	7	ug/L	2.2	100	700			
MW-22	Barium	6/25/09	43.9	ug/L	0.20	100	2000			
MW-22	Chromium	6/25/09	2.6	ug/L	0.40	10	50			
MW-22	Cobalt	6/25/09	7.2	ug/L	0.60	10			70	
MW-22	Copper	6/25/09	0.36	ug/L	0.30	10	1000			
MW-22	Methylene Chloride	6/25/09	3.8	ug/L	0.97	2	4.6			
MW-22	Nickel	6/25/09	2.4	ug/L	1.7	50	100			
MW-22	Silver	6/25/09	0.16	ug/L	0.10	10	18			
MW-22	Vanadium	6/25/09	0.75	ug/L	0.20	25			3.5	
MW-22	Zinc	6/25/09	3.2	ug/L	0.40	10	1050			
MW-23	1,4-Dichlorobenzene	6/25/09	0.35	ug/L	0.33	1	1.4			
MW-23	Barium	6/25/09	58.3	ug/L	0.20	100	2000			
MW-23	Beryllium	6/25/09	0.11	ug/L	0.10	1			4	
MW-23	Chromium	6/25/09	2.3	ug/L	0.40	10	50			
MW-23	cis-1,2-Dichloroethene	6/25/09	1.7	ug/L	0.19	5	70			
MW-23	Cobalt	6/25/09	14	ug/L	0.60	10			70	
MW-23	Copper	6/25/09	1.2	ug/L	0.30	10	1000			

Table 2
Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above MDL
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
MW-23	Nickel	6/25/09	5	ug/L	1.7	50	100			
MW-23	Silver	6/25/09	0.26	ug/L	0.10	10	18			
MW-23	Vanadium	6/25/09	1.9	ug/L	0.20	25			3.5	
MW-23	Zinc	6/25/09	5.4	ug/L	0.40	10	1050			
MW-24	1,4-Dichlorobenzene	6/30/09	0.93	ug/L	0.33	1	1.4			
MW-24	Barium	6/30/09	82.5	ug/L	0.20	100	2000			
MW-24	Beryllium	6/30/09	0.18	ug/L	0.10	1			4	
MW-24	Chromium	6/30/09	3.1	ug/L	0.40	10	50			
MW-24	cis-1,2-Dichloroethene	6/30/09	2.1	ug/L	0.19	5	70			
MW-24	Cobalt	6/30/09	28.9	ug/L	0.60	10			70	
MW-24	Copper	6/30/09	0.69	ug/L	0.30	10	1000			
MW-24	Nickel	6/30/09	4.4	ug/L	1.7	50	100			
MW-24	Silver	6/30/09	0.3	ug/L	0.10	10	18			
MW-24	Vanadium	6/30/09	1.4	ug/L	0.20	25			3.5	
MW-24	Zinc	6/30/09	9.8	ug/L	0.40	10	1050			
MW-25	2-Hexanone	6/30/09	1.2	ug/L	0.46	50			280	
MW-25	Barium	6/30/09	47	ug/L	0.20	100	2000			
MW-25	Chromium	6/30/09	4.6	ug/L	0.40	10	50			
MW-25	Cobalt	6/30/09	5	ug/L	0.60	10			70	
MW-25	Copper	6/30/09	0.73	ug/L	0.30	10	1000			
MW-25	Nickel	6/30/09	7.8	ug/L	1.7	50	100			
MW-25	Silver	6/30/09	0.28	ug/L	0.10	10	18			
MW-25	Vanadium	6/30/09	2.4	ug/L	0.20	25			3.5	
MW-25	Zinc	6/30/09	6.2	ug/L	0.40	10	1050			
MW-26	1,1-Dichloroethane	6/30/09	2.2	ug/L	0.32	5	70			
MW-26	1,2-Dichloroethane	6/30/09	0.18	ug/L	0.12	1	0.38			
MW-26	1,4-Dichlorobenzene	6/30/09	0.58	ug/L	0.33	1	1.4			
MW-26	2-Hexanone	6/30/09	5.6	ug/L	0.46	50			280	
MW-26	Barium	6/30/09	58.8	ug/L	0.20	100	2000			
MW-26	**Benzene**	**6/30/09**	**1.4**	**ug/L**	**0.25**	**1**	**1**			**0.4**
MW-26	Beryllium	6/30/09	0.12	ug/L	0.10	1			4	
MW-26	Chlorobenzene	6/30/09	0.32	ug/L	0.23	3	50			
MW-26	Chloroethane	6/30/09	0.82	ug/L	0.54	10	2800			
MW-26	Chromium	6/30/09	7.4	ug/L	0.40	10	50			
MW-26	cis-1,2-Dichloroethene	6/30/09	28.3	ug/L	0.19	5	70			
MW-26	**Cobalt**	**6/30/09**	**70.9**	**ug/L**	**0.60**	**10**			**70**	**0.9**
MW-26	Copper	6/30/09	1.5	ug/L	0.30	10	1000			
MW-26	Nickel	6/30/09	12.7	ug/L	1.7	50	100			
MW-26	Silver	6/30/09	0.59	ug/L	0.10	10	18			
MW-26	**Vanadium**	**6/30/09**	**4.7[j]**	**ug/L**	**0.20**	**25**			**3.5**	**1.2**
MW-26	Zinc	6/30/09	20.7	ug/L	0.40	10	1050			

Table 2
Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above MDL
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
MW-27	1,1-Dichloroethane	6/30/09	1.1	ug/L	0.32	5	70			
MW-27	2-Hexanone	6/30/09	3.6	ug/L	0.46	50			280	
MW-27	Arsenic	6/30/09	2.8	ug/L	2.7	10	50			
MW-27	Barium	6/30/09	89.3	ug/L	0.20	100	2000			
MW-27	Beryllium	6/30/09	0.28	ug/L	0.10	1			4	
MW-27	Chromium	6/30/09	12.9	ug/L	0.40	10	50			
MW-27	cis-1,2-Dichloroethene	6/30/09	19	ug/L	0.19	5	70			
MW-27	Cobalt	6/30/09	2.2	ug/L	0.60	10			70	
MW-27	Copper	6/30/09	4.1	ug/L	0.30	10	1000			
MW-27	Nickel	6/30/09	10	ug/L	1.7	50	100			
MW-27	Silver	6/30/09	0.39	ug/L	0.10	10	18			
MW-27	**Vanadium**	**6/30/09**	**8.4[j]**	**ug/L**	**0.20**	**25**			**3.5**	**4.9**
MW-27	Zinc	6/30/09	12.2	ug/L	0.40	10	1050			
SW-3	1,1-Dichloroethane	6/24/09	1.6	ug/L	0.32	5		20000		
SW-3	1,4-Dichlorobenzene	6/24/09	2.1	ug/L	0.33	1		100		
SW-3	Barium	6/24/09	73.8	ug/L	0.20	100		200000		
SW-3	Benzene	6/24/09	1.1	ug/L	0.25	1		51		
SW-3	Chlorobenzene	6/24/09	0.76	ug/L	0.23	3		140		
SW-3	Chloroethane	6/24/09	1.8	ug/L	0.54	10		550		
SW-3	cis-1,2-Dichloroethene	6/24/09	9.8	ug/L	0.19	5		4900		
SW-3	Cobalt	6/24/09	121	ug/L	0.60	10		270		
SW-3	Nickel	6/24/09	5.2	ug/L	1.7	50		88		
SW-3	Selenium	6/24/09	3.8	ug/L	3.8	10		5		
SW-3	**Silver**	**6/24/09**	**0.36[j]**	**ug/L**	**0.10**	**10**		**0.06**		**0.3**
SW-3	Vinyl chloride	6/24/09	1.4	ug/L	0.62	1		2.4		
SW-3	Zinc	6/24/09	2.1	ug/L	0.40	10		50		
SW-4R	Barium	6/25/09	34.7	ug/L	0.20	100		200000		
SW-4R	Chromium	6/25/09	0.47	ug/L	0.40	10		50		
SW-4R	Cobalt	6/25/09	6.3	ug/L	0.60	10		270		
SW-4R	**Silver**	**6/25/09**	**0.24[j]**	**ug/L**	**0.10**	**10**		**0.06**		**0.18**
SW-5	Barium	6/24/09	25.2	ug/L	0.20	100		200000		
SW-5	Chromium	6/24/09	0.66	ug/L	0.40	10		50		
SW-5	Cobalt	6/24/09	20.5	ug/L	0.60	10		270		
SW-5	**Silver**	**6/24/09**	**0.16[j]**	**ug/L**	**0.10**	**10**		**0.06**		**0.1**
SW-5	Vanadium	6/24/09	0.38	ug/L	0.20	25		NE		
SW-5	Zinc	6/24/09	2	ug/L	0.40	10		50		

Table 2

Detection Scan All Appendix I VOCs, Metals, and Mercury Detected above MDL
Alexander County Closed MSWLF and Active C&D Landfill

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance
EB	Acetone	6/30/09	7.8	ug/L	2.2	100	700			
EB	Chloroform	6/30/09	0.7	ug/L	0.14	5	70			
EB	Cobalt	6/30/09	1.4	ug/L	0.60	10			70	
EB	Copper	6/30/09	0.36	ug/L	0.30	10	1000			
EB	Silver	6/30/09	0.2	ug/L	0.10	10	18			
FB	Acetone	6/30/09	9	ug/L	2.2	100	700			
FB	Chloroform	6/30/09	0.76	ug/L	0.14	5	70			
FB	Chloromethane	6/30/09	0.28	ug/L	0.11	1	2.6			

[1] Table contains all constituents detected above MDL

[2] MDL = Method Detection Limit

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

[4] 2L = North Carolina Ground Water 2L Standard (Current as of Sampling Event)

[5] 2B = North Carolina Surface Water 2B Standard for Specific Stream Classification (Current as of Sampling Event)

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

[J] =The reported value is estimated & between the laboratory MDL & the SWSL, adjusted for actual sample preparation data and moisture content, wher

LFG = Landfill Gas

NE = Not Established

BOLD = Concentration =>GWP, NCGW2L, or NCSW2B Standard (Current as of Sampling Event)

Table 3
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	Avg. Linear Groundwater Velocity, v_x (ft/yr)	Flow Direction	Water Table Depth (ft)	Water Table Elevation (ft)	Water Bearing Zone
MW-1	5.60E-05	10%	0.34	196	N25W	35.88	1044.66	UC/UBR
MW-1B	-	5%	0.06	-	N03W	44.51	1038.05	UC
MW-2	3.70E-06	28%	0.23	3.1	N60W	20.05	984.43	UC
MW-3	3.90E-06	10%	0.09	3.8	S19W	25.45	999.28	UC/UBR
MW-4R	4.90E-04	10%	0.06	310	S05W	15.17	997.47	UC/UBR
MW-5	6.40E-05	28%	0.06	14	S03E	40.14	1011.12	UC/UBR
MW-6	2.40E-05	10%	0.19	48	S76W	26.27	985.34	UBR
MW-7	1.60E-06	10%	0.04	0.7	S34W	38.21	971.03	UBR
MW-9	-	10%	0.07	-	S00W	11.18	985.09	UBR
MW-10	-	10%	-	-	-	36.82	1003.98	LBR
MW-11	-	10%	0.22	-	S24W	37.62	974.34	UBR
MW-12	4.90E-04	10%	0.04	224	S55W	49.18	958.17	UC
MW-12D	-	10%	-	-	-	57.95	950.51	LBR
MW-13	-	10%	-	-	-	32.81	971.75	UBR
MW-14	-	10%	0.04	-	N59W	36.99	960.45	UC/UBR
MW-15	-	10%	0.11	-	N63W	22.18	1001.26	UC/UBR
MW-16	8.72E-04	17%	0.03	154	S03E	29.62	1007.94	UC
MW-17	-	10%	0.40	-	N46W	14.89	976.27	UC
MW-18	1.19E-04	10%	-	-	-	52.48	1031.85	LBR
MW-19	1.92E-06	10%	0.03	0.6	S78W	52.28	1019.20	UBR
MW-20	5.49E-05	10%	0.07	42	N77W	39.41	1007.51	UBR
MW-21	3.77E-03	28.1%	0.31	4,321	N49W	36.35	953.65	UC
MW-22	6.04E-04	28.1%	0.19	426	N54W	14.77	944.20	UC
MW-23	9.83E-04	28.1%	0.31	1,121	N53W	16.21	934.27	UC
MW-24	1.33E-02	10%	0.08	10,546	S40W	29.06	944.98	UC
MW-25	5.41E-05	10%	0.08	45	N74W	24.90	957.03	UBR
MW-26	1.16E-04	10%	0.02	27	S54W	19.30	971.39	UBR
MW-27	2.83E-05	10%	0.05	14	S07W	15.05	977.14	UBR

NOTES: Values for hydraulic conductivity obtained from GAI Consultants Sampling Report (April, 1995) & MESCO ACM Report (2008).
Hydraulic Gradients taken from groundwater elevations obtained from the June 24-July 1, 2009 sampling event data.
Average Linear Groundwater Velocities calculated only for UC & UBR wells with hydraulic conductivity values.
UC = Unconfined/saprolite; UBR = Upper Bedrock fracture system; LBR = Lower Bedrock fracture system
Groundwater velocity (v_x) is defined by the equation:

$$v_x = (K * i) / n_e$$

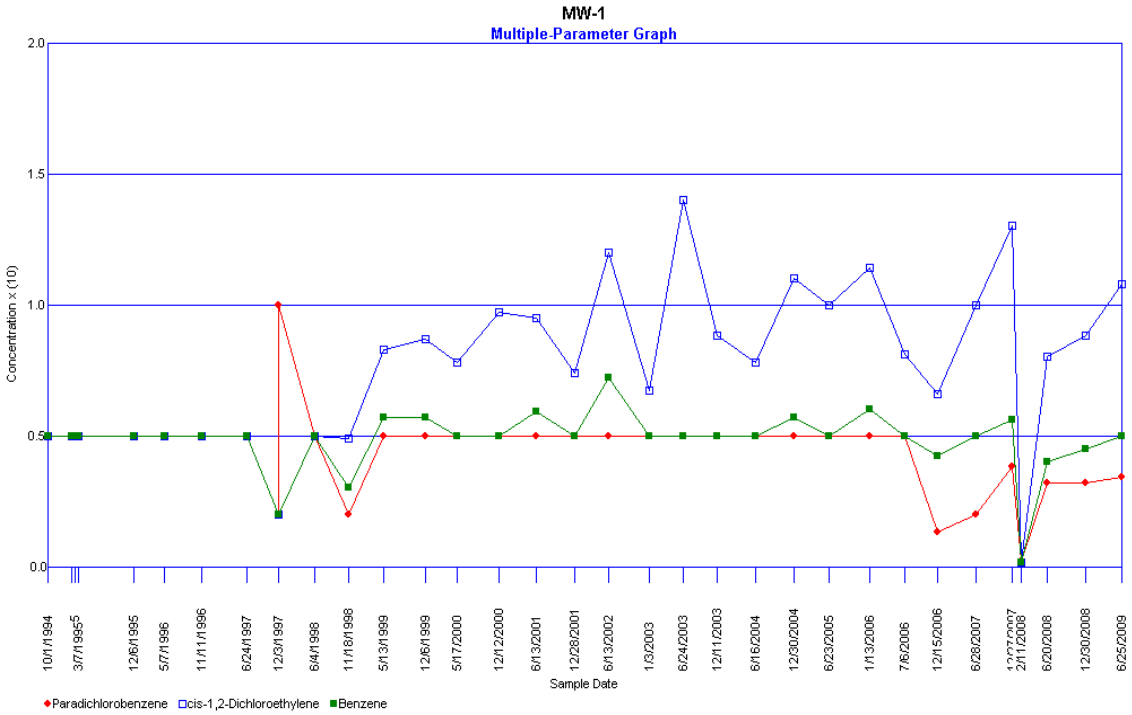
Where: K= hydraulic conductivity
n_e = effective porosity
i = hydraulic gradient

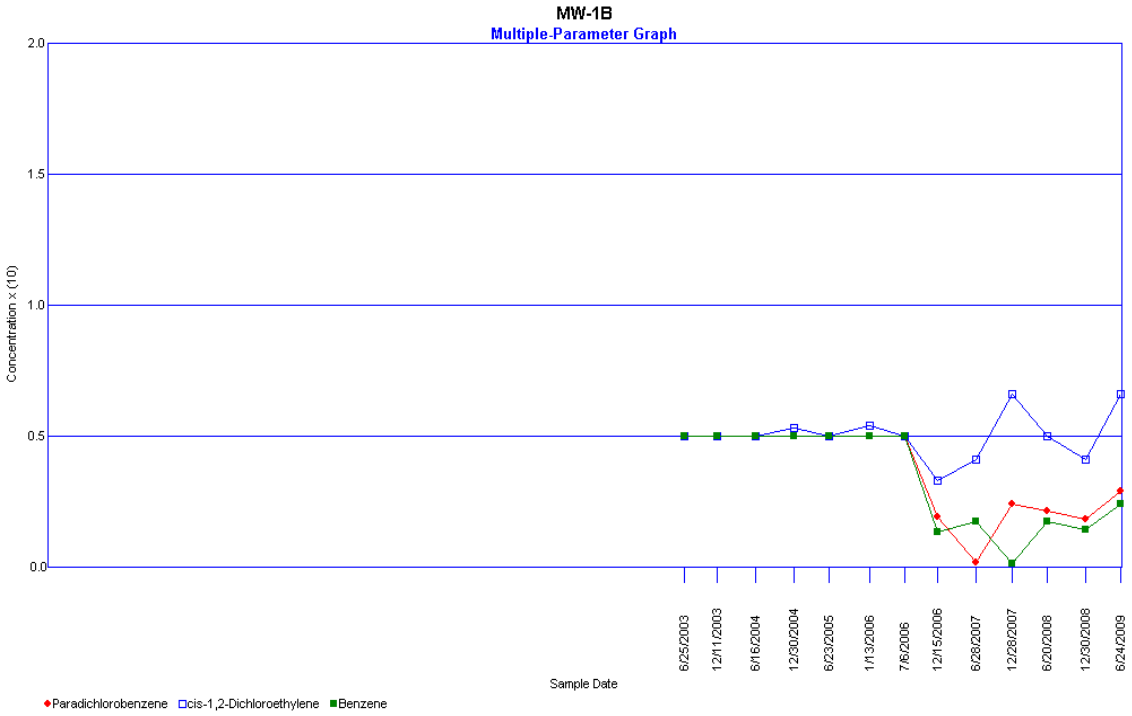
Geometric mean v_x: 60.2
Median v_x: 46.4

Table 4
Field Parameter Data Sheet
Alexander County Closed MSWLF and Active C&D Landfill
June 2009 Sampling Event

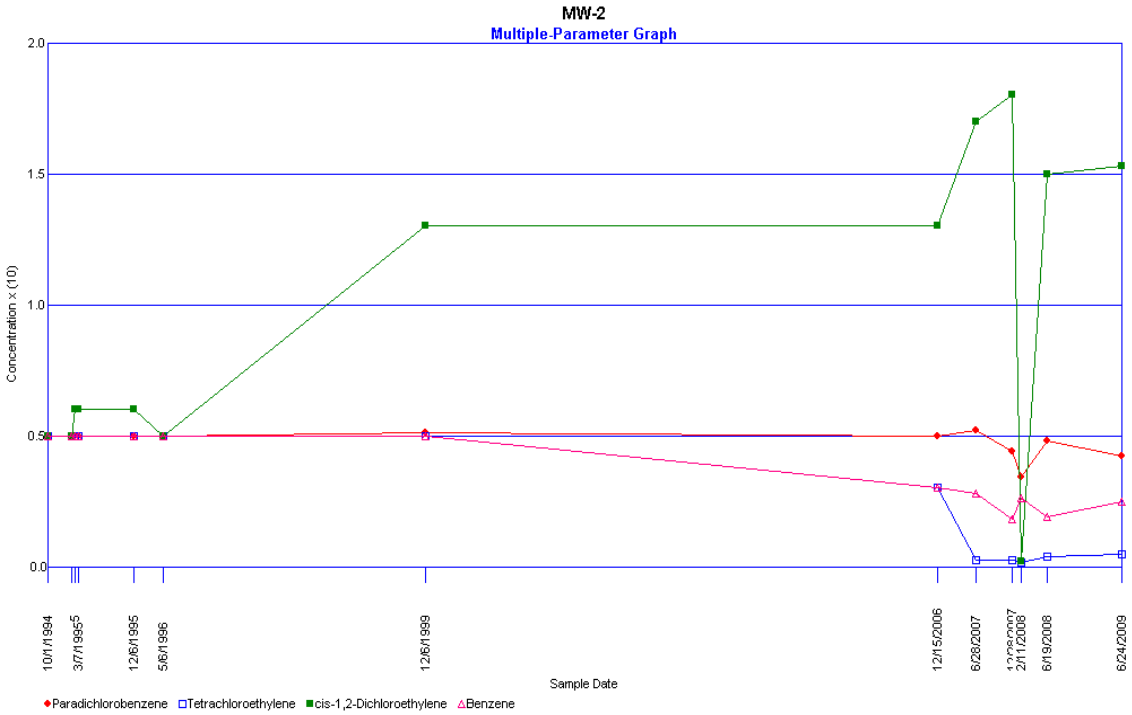
Monitoring Location	Sample Date	WATER TABLE DEPTH (FT)	pH	Temp (°C)	Specific Conductance (umhos/cm)	TDS (mg/L)	DO (mg/L)	ORP (mV)
MW-1	06/25/09	35.88	6.4	15.9	610	300	0.7	-63
MW-1A	Dry - Not Sampled							
MW-1B	06/24/09	44.51	4.4	16.8	90	40	0.9	530
MW-2	06/24/09	20.05	6.6	15.9	310	150	0.8	-110
MW-3	07/01/09	25.45	5.9	18.3	570	280	0.3	-2
MW-4R	06/24/09	15.17	6.3	16.4	640	310	1.3	-104
MW-5	07/01/09	40.14	6.4	17.3	430	210	0.1	-68
MW-6	06/30/09	25.45	5.3	19.7	80	30	3.4	205
MW-7	07/01/09	38.21	6.6	20.0	590	280	0.3	-80
MW-9	06/24/09	11.18	6.9	15.9	190	90	1.9	-111
MW-10	06/24/09	36.82	6.6	16.9	40	10	1.7	33
MW-11	06/30/09	37.62	5.9	19.6	380	180	3.0	12
MW-12	07/01/09	49.18	5.4	16.4	170	80	0.3	74
MW-12D	07/01/09	57.95	7.3	17.2	790	380	0.1	-126
MW-13	06/30/09	32.81	6.2	18.4	330	160	0.7	-26
MW-14	06/24/09	36.99	6.2	15.3	620	300	1.8	66
MW-15	06/25/09	22.18	6.1	15.1	190	80	0.7	43
MW-16	07/01/09	29.62	5.2	15.9	90	40	0.1	544
MW-17	06/25/09	14.89	5.0	14.4	60	20	1.3	390
MW-18	06/25/09	52.48	6.2	16.9	90	40	3.9	-99
MW-19	06/25/09	52.28	6.2	16.1	70	30	1.8	231
MW-20	06/25/09	39.41	6.1	15.5	60	20	1.1	-80
MW-21	06/25/09	36.35	5.1	13.9	40	10	3.0	554
MW-22	06/25/09	14.77	5.4	14.1	20	0	6.1	227
MW-23	06/25/09	16.21	5.2	14.3	100	40	3.9	267
MW-24	06/25/09	29.06	5.4	19.1	170	80	4.1	514
MW-25	06/30/09	24.90	5.6	14.6	210	100	0.9	215
MW-26	06/30/09	19.30	6.4	21.0	860	420	1.2	13
MW-27	06/30/09	15.05	6.4	16.5	600	290	4.4	69
SW-3	06/24/09	-	6.3	16.6	30	10	5.1	-183
SW-4	Dry No Sample							
SW-4R	06/30/09	-	6.6	16.0	30	10	7.2	210
SW-5	06/24/09	-	6.8	16.9	60	20	6.1	83

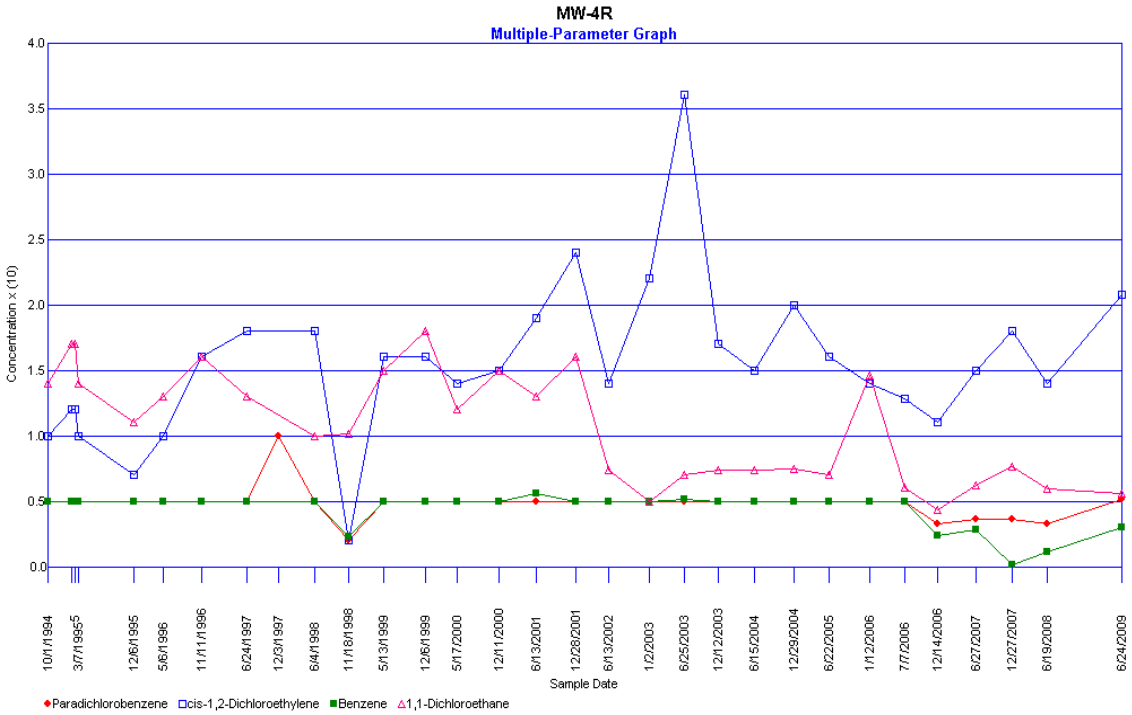
Time-Series Graphs for Select Constituents (VOCs)
Alexander County Closed MSWLF and Active C&D Landfill
ND Represented with Detection Limit



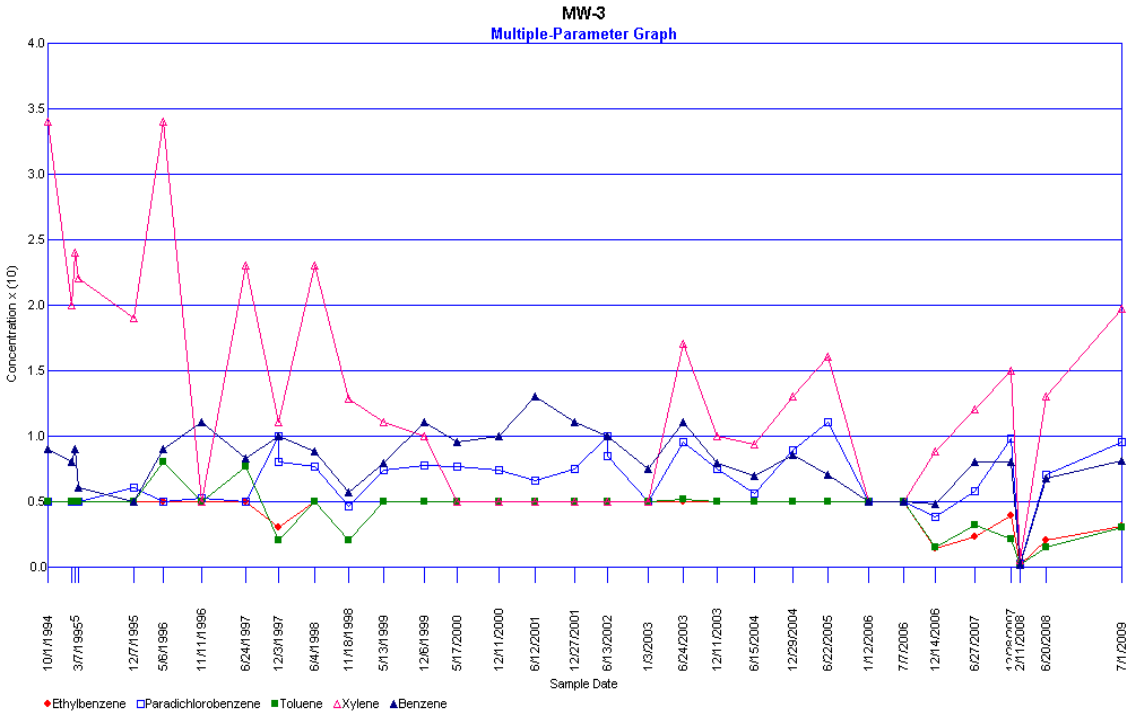


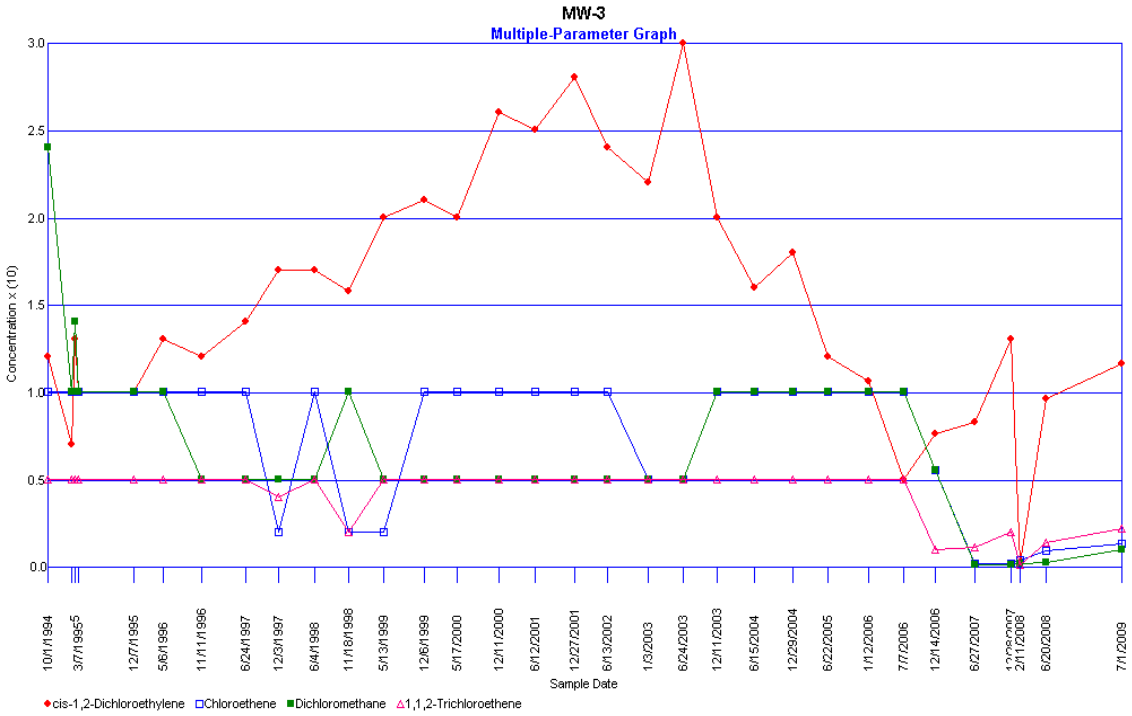
Time-Series Graphs for Select Constituents (VOCs)
Alexander County Closed MSWLF and Active C&D Landfill
ND Represented with Detection Limit



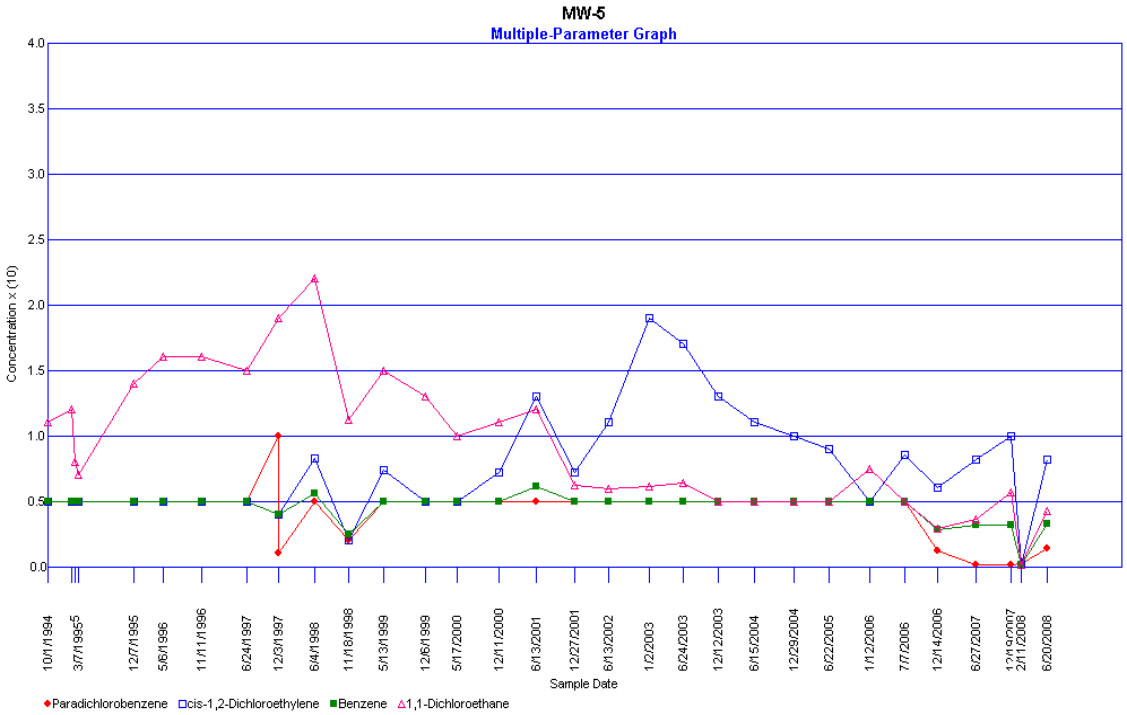


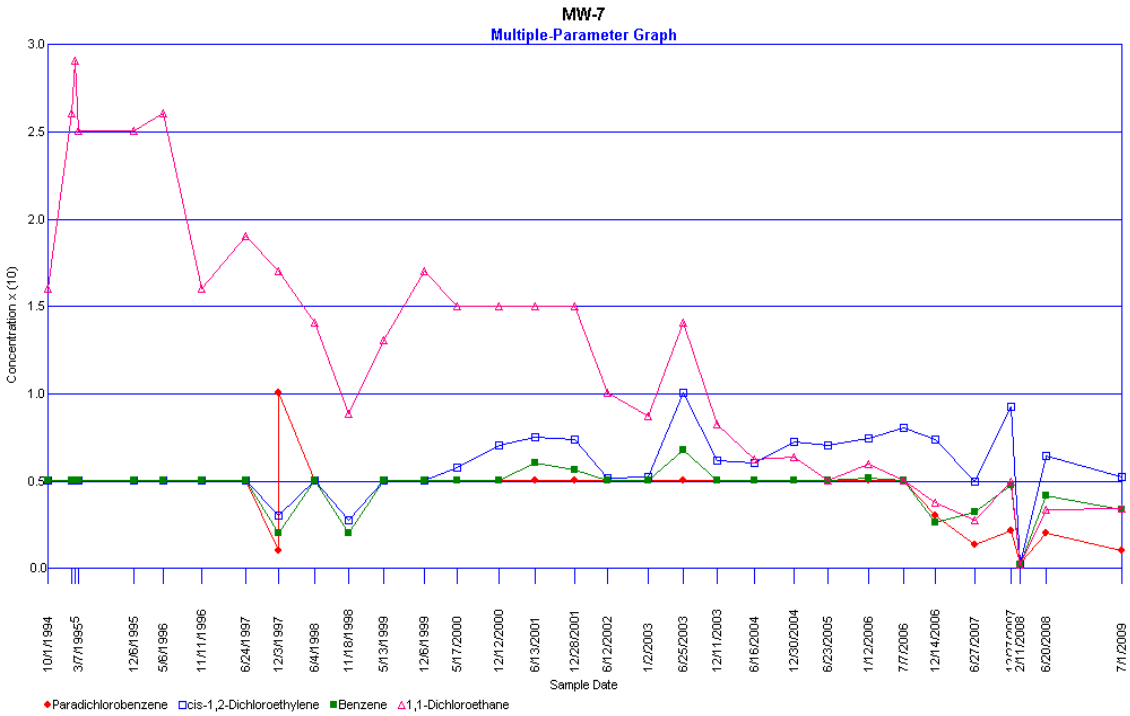
Time-Series Graphs for Select Constituents (VOCs)
Alexander County Closed MSWLF and Active C&D Landfill
ND Represented with Detection Limit



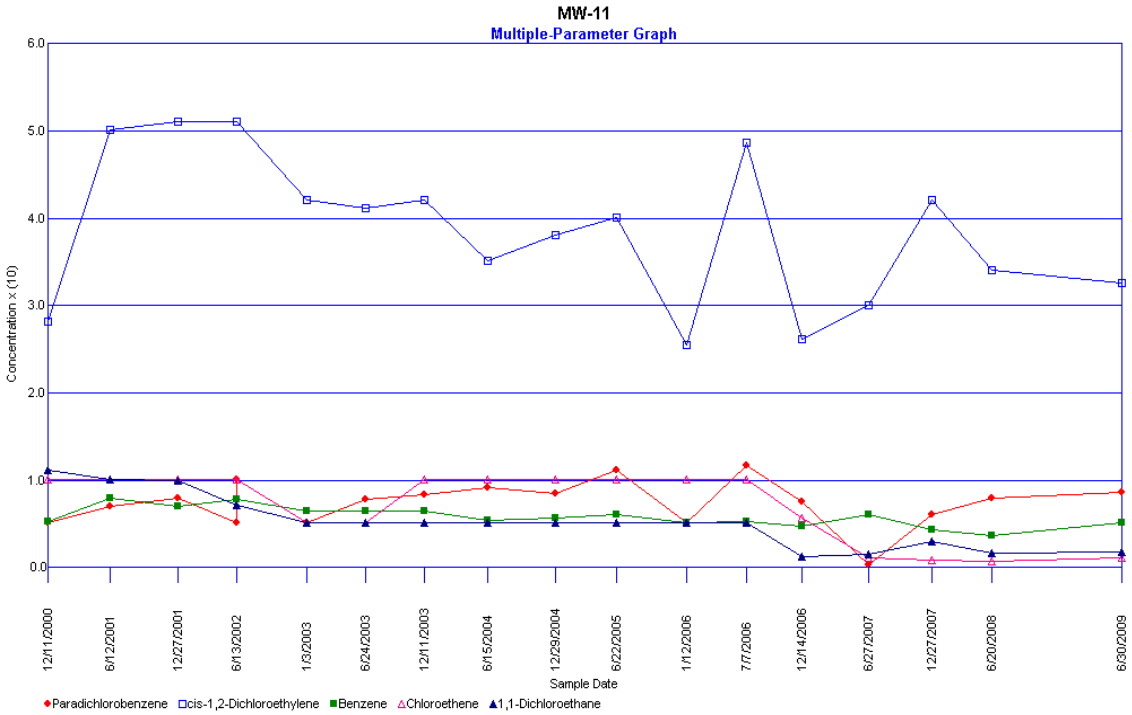


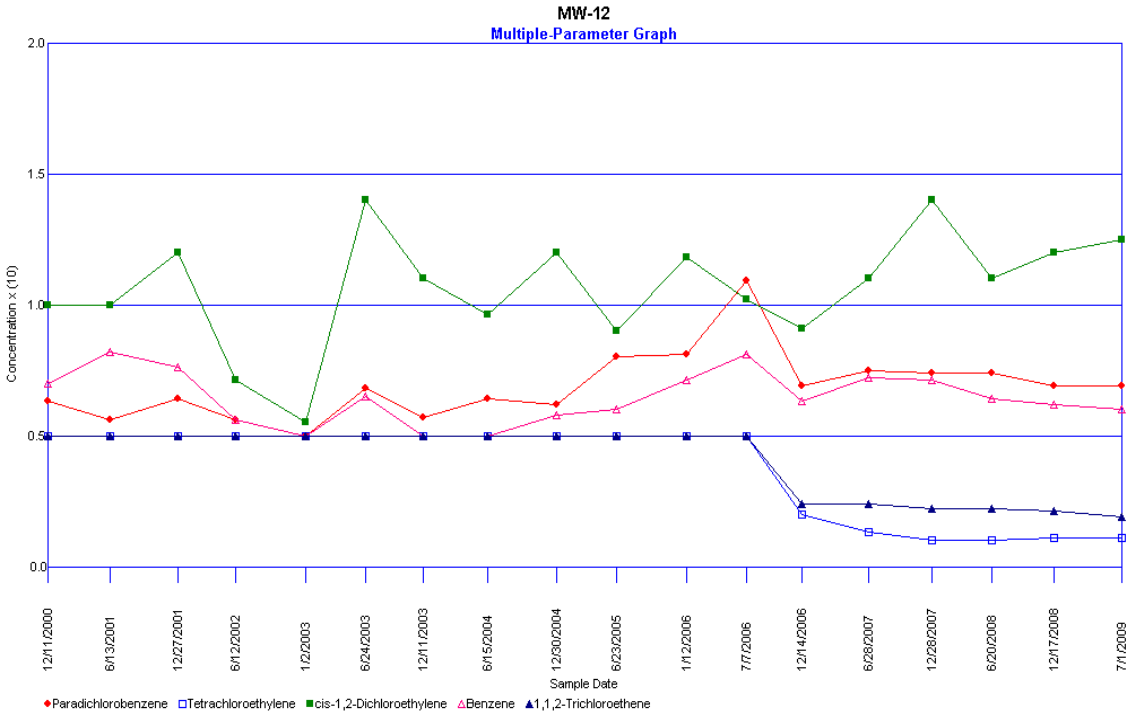
Time-Series Graphs for Select Constituents (VOCs)
Alexander County Closed MSWLF and Active C&D Landfill
ND Represented with Detection Limit



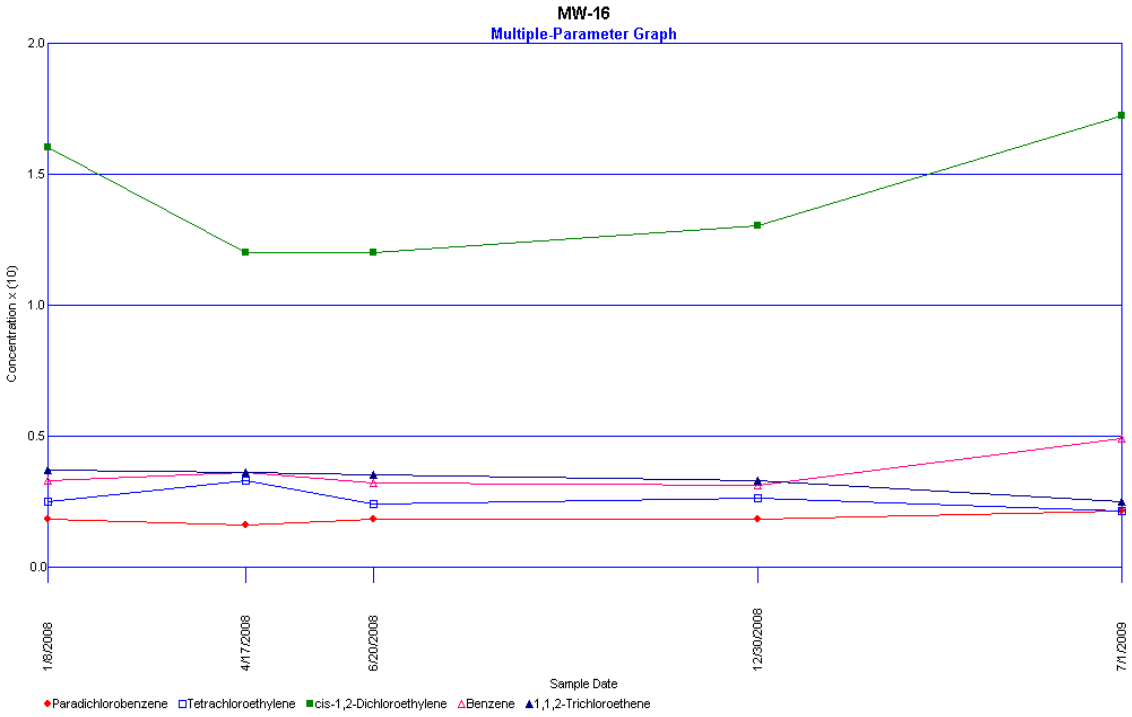


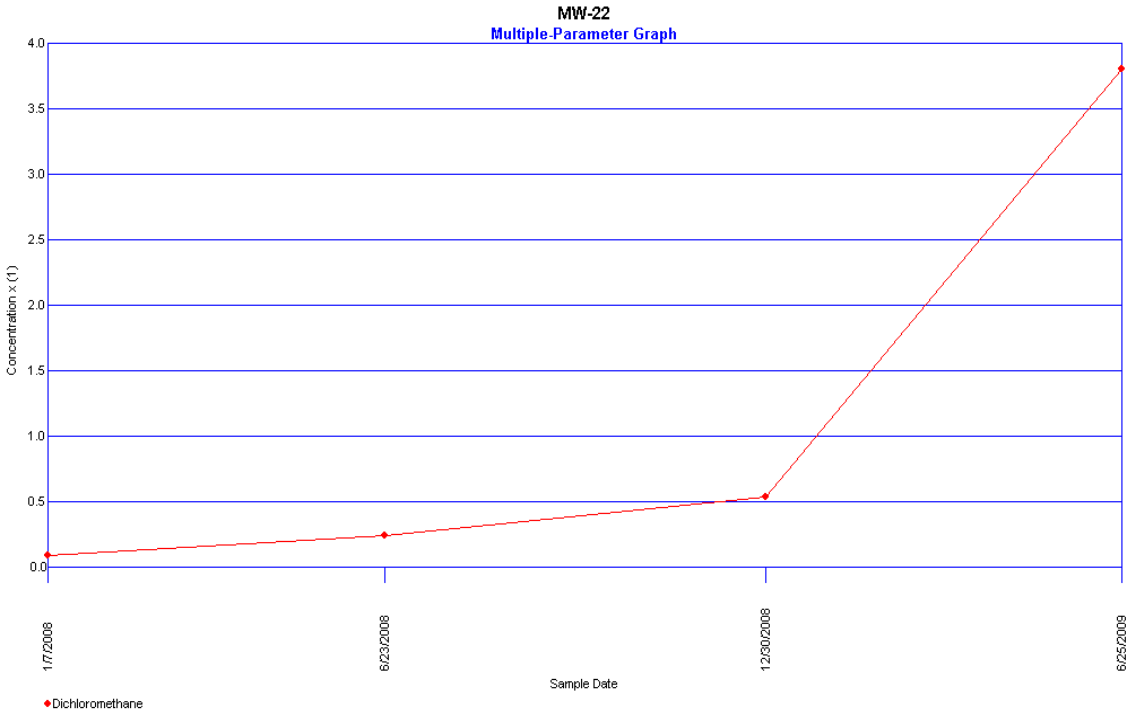
Time-Series Graphs for Select Constituents (VOCs)
Alexander County Closed MSWLF and Active C&D Landfill
ND Represented with Detection Limit



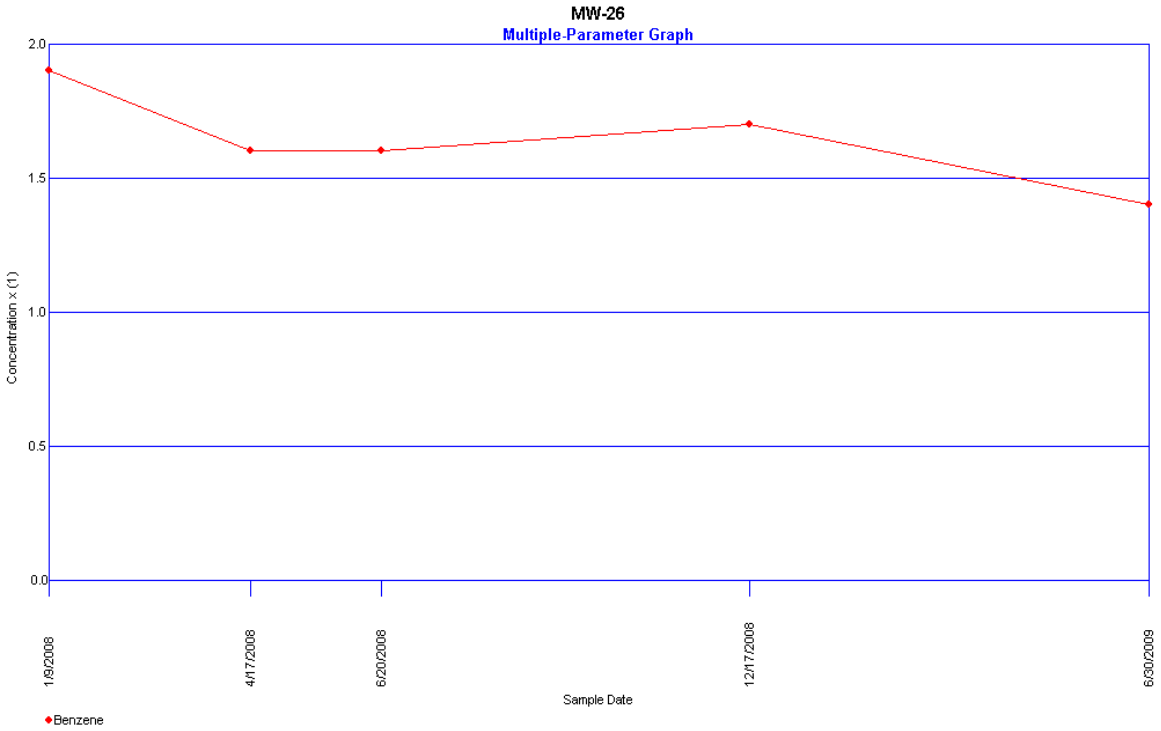


Time-Series Graphs for Select Constituents (VOCs)
Alexander County Closed MSWLF and Active C&D Landfill
ND Represented with Detection Limit

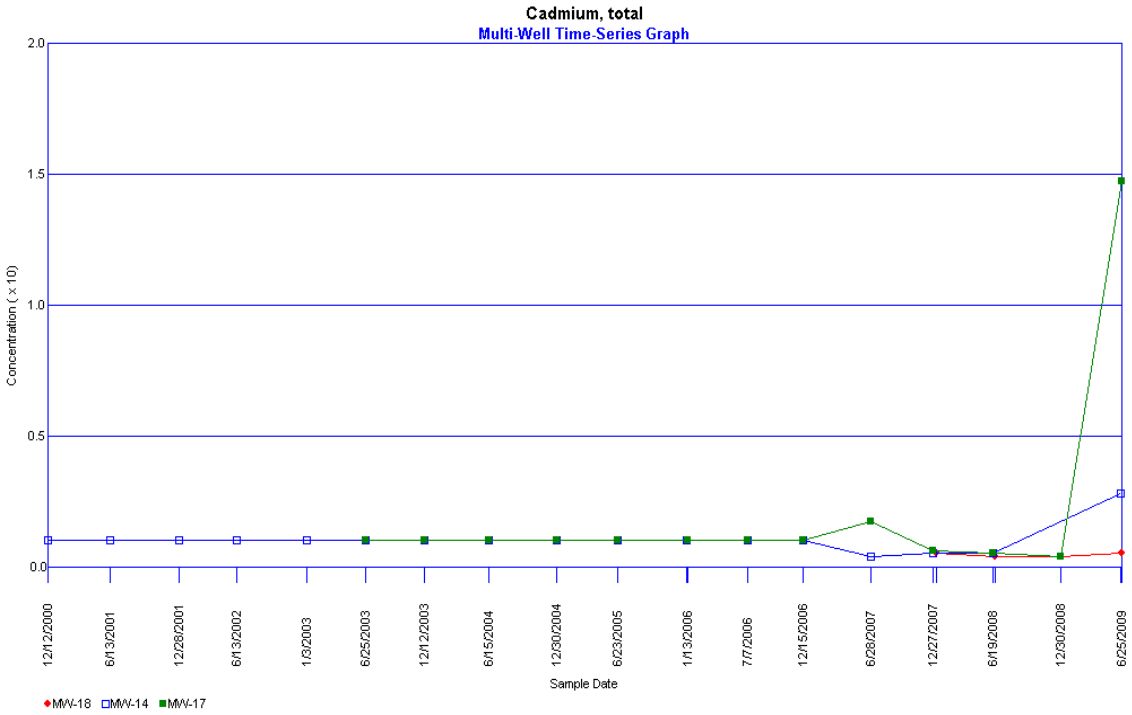




Time-Series Graphs for Select Constituents (VOCs)
Alexander County Closed MSWLF and Active C&D Landfill
ND Represented with Detection Limit



Time-Series Graphs for Select Constituents (Metals)
Alexander County Closed MSWLF and Active C&D Landfill
ND Represented with Detection Limit

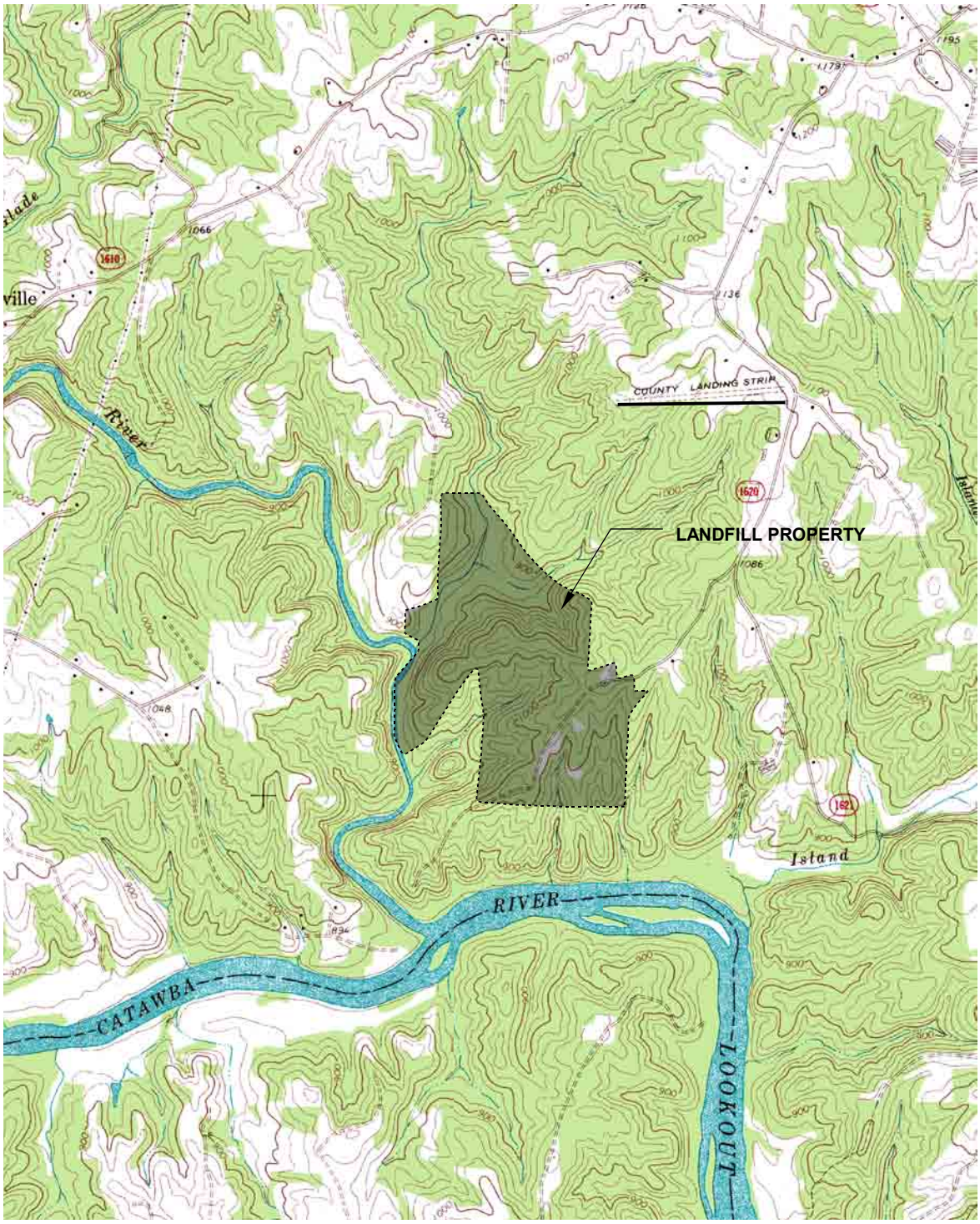


PLATES

Topographic Map with Landfill Location

PLATE 1

Alexander County Landfill



QUADRANGLE LEGEND

ROAD CLASSIFICATION

Primary highway, hard surface

Light-duty road, hard or improved surface

Secondary highway, hard surface

Unimproved road

Interstate Route U. S. Route State Route

NOTE: Topographical map assembled from corresponding USGS 7.5-min. quadrangles of the subject region.

Date Completed	08/04/2008
Created By	M. German
Project Name	Corrective Action Plan
Site Name	Alexander County Landfill
Project Number	G07060.0

Municipal Engineering Services Company, PA

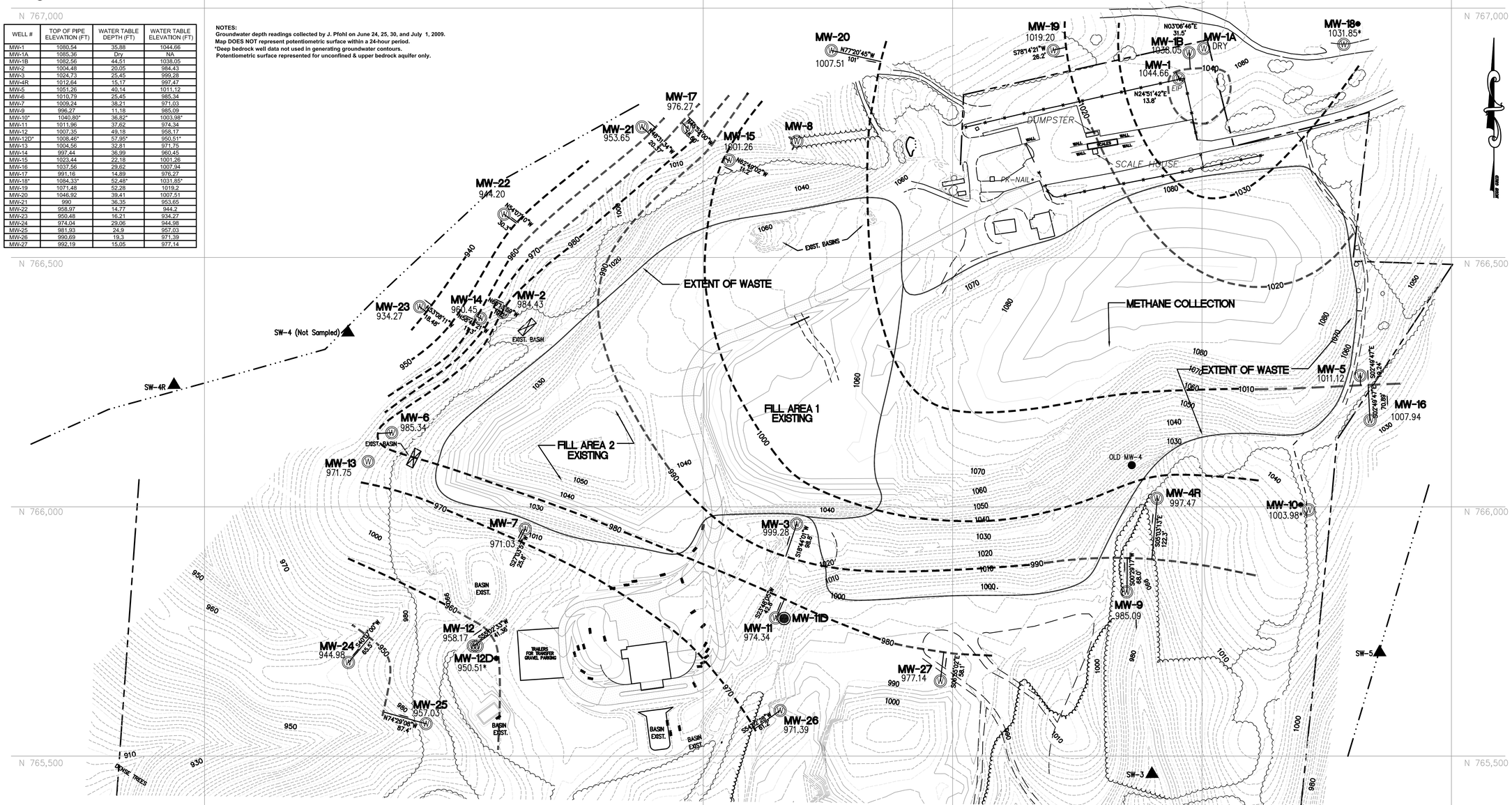
0 1/2 1 MILE

LEGEND

- 1002 — EXISTING 2-FOOT TOPOGRAPHIC CONTOUR
- 1000 — EXISTING 10-FOOT TOPOGRAPHIC CONTOUR
- PROPERTY LINE
- ROADS
- APPROXIMATE STREAM/DRAINAGE
- TREES
- M.W.#4 — OLD MONITORING WELL
- MW-1 — MONITORING WELL
- SW-5 — SURFACE WATER MONITORING POINT
- MW-11D — ABANDONED DEEP BORING
- 1000 — POTENTIOMETRIC CONTOUR
- N77°20'45"W 101' — GROUNDWATER FLOW DIRECTION W/ BEARING & DISTANCE TO NEAREST POTENTIOMETRIC CONTOUR

WELL #	TOP OF PIPE ELEVATION (FT)	WATER TABLE DEPTH (FT)	WATER TABLE ELEVATION (FT)
MW-1	1080.54	35.88	1044.66
MW-1A	1085.36	Dry	NA
MW-1B	1082.56	44.51	1038.05
MW-2	1004.48	20.05	984.43
MW-3	1024.73	25.45	999.28
MW-4R	1012.64	15.17	997.47
MW-5	1051.26	40.14	1011.12
MW-6	1010.79	25.45	985.34
MW-7	1009.24	38.21	971.03
MW-9	996.27	11.18	985.09
MW-10*	1040.80*	36.82*	1003.98*
MW-11	1011.96	37.62	974.34
MW-12	1007.35	49.18	958.17
MW-12D*	1008.46*	57.95*	950.51*
MW-13	1004.56	32.81	971.75
MW-14	997.44	36.99	960.45
MW-15	1023.44	22.18	1001.26
MW-16	1037.56	29.62	1007.94
MW-17	991.16	14.89	976.27
MW-18*	1084.33*	52.48*	1031.85*
MW-19	1071.48	52.28	1019.2
MW-20	1046.92	39.41	1007.51
MW-21	990	36.35	953.65
MW-22	958.97	14.77	944.2
MW-23	950.48	16.21	934.27
MW-24	974.04	29.06	944.98
MW-25	981.93	24.9	957.03
MW-26	990.69	19.3	971.39
MW-27	992.19	15.05	977.14

NOTES:
Groundwater depth readings collected by J. Pfohl on June 24, 25, 30, and July 1, 2009.
Map DOES NOT represent potentiometric surface within a 24-hour period.
*Deep bedrock well data not used in generating groundwater contours.
Potentiometric surface represented for unconfined & upper bedrock aquifer only.



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

CONSTRUCTION AND DEMOLITION LANDFILL FACILITY
ALEXANDER COUNTY
NORTH CAROLINA

DATE	BY	REV.	DESCRIPTION

SITE MAP WITH SAMPLING LOCATIONS

SCALE:	1" = 100'
DATE:	09/24/09
DRWN. BY:	S. PATRICK
CHKD. BY:	S. PATRICK
PROJECT NUMBER	G09003.0
DRAWING NO.	PLATE 2
SHEET NO.	1 OF 1

H:\Groundwater Sampling\CAD\Alexander\dwg\potmap 6-09.dwg, 9/29/2009 10:47:10 AM, KB

LABORATORY RESULTS

Sampling Data Sheet

Municipal Services Garner, NC — Engineering Company Boone, NC

Project: Alexander Co Closed MSWLF & Active C&D LF

Samplers: J. Pfohl Page 1 of 3

Monitoring Point	Sample Date	Sample Time	Sampling Parameters: Depth to Water (BTOP) Static	Lab Parameters to be analyzed for	Volume Purged (Gal)	Sample Type	Goes Dry During Purge	Total Depth Measured	Total Depth Expected	Water Quality Parameters: CO2 (mg/l)	DO (mg/L)	ORP	pH	Temp. ©	Specific Cond. (us/cm	TDS (mg/L)	Turbidity	CH4 Gas Vapors (ppm)
MW-1	6/25/09	2:30	35.88	DM	~1	P&DB	Y		40	NR	0.8	-54	5.91	20.3	470	220	c 28.3	NR
MW-1A	NS	—	DRY	DM	—	—	—		48.5		-	-	-	-	—	—	—	NR
MW-1B	6/24/09	4:35	44.51	DM	7	P&DB	Y		61		0.9	530	4.4'	16.8	90	40	c 6.99	NR
MW-2	6/24/09	3:00	20.05	DM	4	DB	N		30		0.8	-110	6.6	15.9	310	150	c 16.21	
MW-4R	6/24/09	1:00	15.17	DM	3	P&DB	N		21.5		1.3	-104	6.3	16.4	640	310	c 483	NR
MW-9	6/24/09	1:35	11.18	DM	8	P&DB	Y		31.5		1.9	-111	6.9	15.9	190	90	c 8.13	NR
MW-10	6/24/09	12:00	36.82	DM	26	P&DB	N		91	NR	1.7	33	6.6	16.9	40	10	c 9.8	NR
MW-14	6/24/09	3:40	36.99	DM	1	DB	Y		40.5		1.8	66	6.2	15.3	620	300	c 6.83	NR
MW-15	6/25/09	8:30	22.18	DM	5	P&DB	Y		35		0.7	43	6.1	15.1	190	80	c 8.21	NR
MW-17	6/25/09	10:55	14.89	DM	3	P&DB	Y		22.3		1.3	390	4.97	14.4	60	20	c 6.91	NR
MW-19	6/25/09	1:50	52.28	DM	6	P&DB	Y		63.92		1.8	231	6.2	16.1	70	30	c 29.3	NR
MW-20	6/25/09	12:05	39.41	DM	14	P&DB	Y		63.55		1.1	-80	6.1	15.5	60	20	c 6.81	NR
MW-21	6/25/09	11:35	26.35	DM	4.5	P&DB	N		41.05		3.0	554	5.14	13.9	40	10	c 6.89	NR
MW-22	6/25/09	10:10	14.77	DM	3	P&DB	Y		18.12		6.1	227	5.38	14.1	20	0	c 6.33	NR
MW-23	6/25/09	9:10	16.21	DM	4	P&DB	N		21.54		3.9	267	5.20	14.3	100	40	c 6.21	NR
SW-3	6/24/09	2:10	—	DM	—	Dip	—		-		5.1	-183	6.3	16.6	30	10	7.83 c	—
SW-4R	6/25/09	9:30	—	DM	—	Dip	—		-		7.2	210	6.6	16.0	30	10	c 3.81	NR

Comments

SS B=Stainless Steel Baler, D B=Disposable Baler, P=Low flow Pump, PD=Purged Dry

VT=Very Turbid, MT=Moderately Turbid, ST=Slightly Turbid, C=Clear

NR=No Reading Attempted, NS=No Sample Obtained

MW-1B pH reads 4.4 w/ 2 seperate instruments Both 2 pt. calibrated

Sampling Data Sheet

Municipal Services Engineering Company
Garner, NC Boone, NC

Project: Alexander Co Closed MSWLF & Active C&D LF

Samplers: J. Pfohl Page 2 of 3

Monitoring Point	Sample Date	Sample Time	Sampling Parameters							Water Quality Parameters								
			Depth to Water (BTOP) Static	Lab Parameters to be analyzed for	Volume Purged (Gal)	Sample Type	Goes Dry During Purge	Total Depth Measured	Total Depth Expected	CO2 (mg/l)	DO (mg/L)	ORP	pH	Temp. ©	Specific Cond. (us/cm	TDS (mg/L)	Turbidity	CH4 Gas Vapors (ppm)
SW-5	6/24/09	12:25	—	DM	—	Dip	No	—	—	NR	6.1	83	6.8	16.9	60	20	<6.32	—
TB	6/30/09	PACE Filled		DM			↓		—	↓							—	—
EB	6/30/09	8:05		DM		D. Baler			—								—	—
FB	6/30/09	8:10		DM					—								—	—

Comments

SS B=Stainless Steel Baler, D B=Disposable Baler, P=Low flow Pump, PD=Purged Dry

VT=Very Turbid, MT=Moderately Turbid, ST=Slightly Turbid, C=Clear

NR=No Reading Attempted, NS=No Sample Obtained

Sampling Data Sheet

Municipal Services Engineering Company — Garner, NC — Boone, NC

Project: Alexander Co Closed MSWLF & Active C&D LF

Samplers: J. Pfohl Page 3 of 3

Monitoring Point	Sample Date	Sample Time	Sampling Parameters: Depth to Water (BTOP) Static	Lab Parameters to be analyzed for	Volume Purged (Gal)	Sample Type	Goes Dry During Purge	Total Depth Measured	Total Depth Expected	Water Quality Parameters: CO2 (mg/l)	DO (mg/L)	ORP	pH	Temp. ©	Specific Cond. (us/cm	TDS (mg/L)	Turbidity	CH4 Gas Vapors (ppm)
MW-3	7/1/09	3:15	25.45	MNA	3	PdDB	N		33	>200*'	0.3	-2	5.9	12.3	570	280	5.81c	NR
MW-5	7/1/09	6:25	40.14	MNA	4	P&DB	N		49.1	>300*'	0.1	-68	6.42	17.3	430	210	7.83	NR
MW-6	6/30/09	2:00	25.45	MNA	7	P&DB	N		42	135	3.4	205	5.25	19.7	80	30	13.1c	NR
MW-7	7/1/09	12:30	38.21	MNA	7	P&DB	"		54	>200*'	0.3	-80	6.55	20.0	590	280	6.91c	NR
MW-11	6/30/09	5:30	37.62	MNA	9	P&DB	N		56	>325*'	2.0	12	5.85	19.6	380	180	5.83c	NR
MW-12	7/1/09	11:05	49.18	MNA	6	P&DB	N		66.5	>220*'	0.3	74	5.43	16.9	170	80	6.61c	NR
MW-12D	7/1/09	9:45	57.95	MNA	21	P&DB	Y		102.5	90	0.1	-126	7.31	17.2	790	380	6.62c	NR
MW-13	6/30/09	12:10	32.81	MNA	11	P&DB	Y		60.5	170	0.7	-26	6.21	18.4	330	160	6.81c	NR
MW-16	~~7/1/09~~ 6/30/09	~~[illegible]~~ 5:00	~~37.81~~ 37.62	MNA	7	P&DB	N		40.25	>150*'	0.1	544	5.22	15.9	90	40	6.63	NR
MW-18	7/1/09 6/30/09	7:00pm 3:45	52.48 52.48	MNA	2.5	P&DB	Y		56.7	40	3.9	-99	6.13	16.9	90	40	8.32	NR
MW-24	6/25/09	3:40	29.06	MNA	4.5	P&DB	N		35.35	135	4.1	514	5.36	19.1	170	80	9.10	NR
MW-25	6/30/09	8:35	24.90	MNA	10	P&DB	N		44.48	95	0.9	215	5.60	14.6	210	100	7.31c	NR
MW-26	6/30/09	11:05	19.30	MNA	16	P&DB	N		49.8	185	1.2	13	6.41	21.0	860	420	10.1c	NR
MW-27	6/30/09	9:55	15.05	MNA	18	P&DB	N		49.82	70	4.4	69	6.38	16.5	600	290	5.81c	NR
EB	6/30/09	8:05	—	MNA & VOCs	Fouling [illegible]													
FB	6/30/09	8:10	—	VOCs														
TB	PACE	Filled	—	VOCs														

ODD LOT # OFF LIST

Comments

SS B=Stainless Steel Baler, D B=Disposable Baler, P=Low flow Pump, PD=Purged Dry

VT=Very Turbid, MT=Moderately Turbid, ST=Slightly Turbid, C=Clear

NR=No Reading Attempted, NS=No Sample Obtained

*'= stopped @ 38 mg/L as Hach kit range max 100 mg/L
Dissolved hydrogen by "Bubble strip method" w/ Bladder pump.

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September 02, 2009

Mr. Jonathan Pfohl
Municipal Engineering Services
PO Box 97
Garner, NC 27529

RE: Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Dear Mr. Pfohl:
Enclosed are the analytical results for sample(s) received by the laboratory between June 26, 2009 and July 02, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

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

Sincerely,

Bonnie McKee

Bonnie McKee

bonnie.mckee@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Minnesota Certification IDs

Tennessee Certification #: 02818
Alaska Certification #: UST-078
Wisconsin Certification #: 999407970
Pennsylvania Certification #: 68-00563
Oregon Certification #: MN200001
North Dakota Certification #: R-036
North Carolina Certification #: 530
New York Certification #: 11647
New Jersey Certification #: MN-002
Montana Certification #: MT CERT0092
Minnesota Certification #: 027-053-137
Maine Certification #: 2007029
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Kansas Certification #: E-10167
Iowa Certification #: 368
Illinois Certification #: 200011
Florida/NELAP Certification #: E87605
California Certification #: 01155CA
Arizona Certification #: AZ-0014
Washington Certification #: C754

Charlotte Certification IDs

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

Asheville Certification IDs

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

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SAMPLE SUMMARY

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9247453001	**MW-1**	Water	06/25/09 14:30	06/26/09 15:15
9247453002	**MW-1B**	Water	06/24/09 16:35	06/26/09 15:15
9247453003	**MW-2**	Water	06/24/09 15:00	06/26/09 15:15
9247453004	**MW-4R**	Water	06/24/09 13:00	06/26/09 15:15
9247453005	**MW-9**	Water	06/24/09 13:35	06/26/09 15:15
9247453006	**MW-10**	Water	06/24/09 12:00	06/26/09 15:15
9247453007	**MW-14**	Water	06/24/09 15:40	06/26/09 15:15
9247453008	**MW-15**	Water	06/25/09 08:30	06/26/09 15:15
9247453009	**MW-17**	Water	06/25/09 10:55	06/26/09 15:15
9247453010	**MW-19**	Water	06/25/09 13:50	06/26/09 15:15
9247453011	**MW-20**	Water	06/25/09 12:05	06/26/09 15:15
9247453012	**MW-21**	Water	06/25/09 11:35	06/26/09 15:15
9247453013	**MW-22**	Water	06/25/09 10:10	06/26/09 15:15
9247453014	**MW-23**	Water	06/25/09 09:10	06/26/09 15:15
9247453015	**SW-3**	Water	06/24/09 14:10	06/26/09 15:15
9247453016	**SW-4R**	Water	06/25/09 09:30	06/26/09 15:15
9247453017	**SW-5**	Water	06/24/09 12:25	06/26/09 15:15
9247453018	**MW-18**	Water	06/25/09 15:45	06/26/09 15:15
9247453019	**MW-6**	Water	06/30/09 14:00	07/01/09 07:50
9247453020	**MW-11**	Water	06/30/09 17:30	07/01/09 07:50
9247453021	**MW-13**	Water	06/30/09 12:10	07/01/09 07:50
9247453022	**MW-24**	Water	06/30/09 15:40	07/01/09 07:50
9247453023	**MW-25**	Water	06/30/09 08:35	07/01/09 07:50
9247453024	**MW-26**	Water	06/30/09 11:05	07/01/09 07:50
9247453025	**MW-27**	Water	06/30/09 09:55	07/01/09 07:50
9247453026	**MW-3**	Water	07/01/09 15:15	07/02/09 10:10
9247453027	**MW-5**	Water	07/01/09 06:25	07/02/09 10:10
9247453028	**MW-7**	Water	07/01/09 12:30	07/02/09 10:10
9247453029	**MW-12**	Water	07/01/09 11:05	07/02/09 10:10
9247453030	**MW-12D**	Water	07/01/09 09:45	07/02/09 10:10
9247453031	**MW-16**	Water	07/01/09 17:00	07/02/09 10:10
9247453032	**EB**	Water	06/30/09 08:05	07/02/09 10:10
9247453033	**FB**	Water	06/30/09 08:10	07/02/09 10:10
9247453034	**TB**	Water	06/30/09 00:00	07/02/09 10:10
9247453035	**MW-18**	Water	07/01/09 07:00	07/02/09 10:10

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SAMPLE ANALYTE COUNT

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9247453001	**MW-1**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453002	**MW-1B**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453003	**MW-2**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453004	**MW-4R**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453005	**MW-9**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453006	**MW-10**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453007	**MW-14**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453008	**MW-15**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453009	**MW-17**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453010	**MW-19**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453011	**MW-20**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453012	**MW-21**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453013	**MW-22**	EPA 6010	EWS	15	PASI-A

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SAMPLE ANALYTE COUNT

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453014	**MW-23**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453015	**SW-3**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453016	**SW-4R**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	AW	54	PASI-C
9247453017	**SW-5**	EPA 6010	EWS	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	AW	54	PASI-C
9247453018	**MW-18**	ASTM D516-90	JMW	1	PASI-A
		EPA 353.2	RAB	1	PASI-A
		EPA 6010	EWS	16	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	AW	54	PASI-C
		SM 2320B	JMW	1	PASI-A
		SM 4500-Cl-E	JMW	1	PASI-A
		SM 4500-S2D	DMN	1	PASI-A
		SM 5210B	SAJ	1	PASI-A
		SM 5220D	LEP	1	PASI-A
		SM 5310B	RAB	1	PASI-A
9247453019	**MW-6**	ASTM D516-90	JMW	1	PASI-A
		EPA 6010	SHB	16	PASI-A
		EPA 7470	SAJ	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	JMW	1	PASI-A
		SM 4500-S2D	TEE	1	PASI-A
		SM 5220D	TEE	1	PASI-A
		SM 5310B	EWS	1	PASI-A
9247453020	**MW-11**	ASTM D516-90	JMW	1	PASI-A
		EPA 6010	SHB	16	PASI-A

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SAMPLE ANALYTE COUNT

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	JMW	1	PASI-A
		SM 4500-S2D	TEE	1	PASI-A
		SM 5220D	TEE	1	PASI-A
		SM 5310B	EWS	1	PASI-A
9247453021	**MW-13**	ASTM D516-90	JMW	1	PASI-A
		EPA 6010	SHB	16	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	JMW	1	PASI-A
		SM 4500-S2D	TEE	1	PASI-A
		SM 5220D	TEE	1	PASI-A
		SM 5310B	EWS	1	PASI-A
9247453022	**MW-24**	ASTM D516-90	JMW	1	PASI-A
		EPA 6010	SHB	16	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	JMW	1	PASI-A
		SM 4500-S2D	TEE	1	PASI-A
		SM 5220D	TEE	1	PASI-A
		SM 5310B	EWS	1	PASI-A
9247453023	**MW-25**	ASTM D516-90	JMW	1	PASI-A
		EPA 6010	SHB	16	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	JMW	1	PASI-A
		SM 4500-S2D	TEE	1	PASI-A
		SM 5220D	TEE	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 5310B	EWS	1	PASI-A
9247453024	**MW-26**	ASTM D516-90	JMW	1	PASI-A
		EPA 6010	SHB	16	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	JMW	1	PASI-A
		SM 4500-S2D	TEE	1	PASI-A
		SM 5220D	TEE	1	PASI-A
		SM 5310B	EWS	1	PASI-A
9247453025	**MW-27**	ASTM D516-90	JMW	1	PASI-A
		EPA 6010	SHB	16	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	JMW	1	PASI-A
		SM 4500-S2D	TEE	1	PASI-A
		SM 5220D	TEE	1	PASI-A
		SM 5310B	EWS	1	PASI-A
9247453026	**MW-3**	EPA 6010	SHB	16	PASI-A
		EPA 7470	SAJ	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	LEP	1	PASI-A
		SM 4500-S2D	JDA	1	PASI-A
		SM 5220D	TEE	1	PASI-A
		SM 5310B	EWS	1	PASI-A
9247453027	**MW-5**	EPA 6010	SHB	16	PASI-A
		EPA 7470	SAJ	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	LEP	1	PASI-A
		SM 4500-S2D	JDA	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 5220D	TEE	1	PASI-A
		SM 5310B	EWS	1	PASI-A
9247453028	**MW-7**	EPA 6010	SHB	16	PASI-A
		EPA 7470	SAJ	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	LEP	1	PASI-A
		SM 4500-S2D	JDA	1	PASI-A
		SM 5220D	TEE	1	PASI-A
		SM 5310B	EWS	1	PASI-A
9247453029	**MW-12**	EPA 6010	SHB	16	PASI-A
		EPA 7470	SAJ	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	LEP	1	PASI-A
		SM 4500-S2D	JDA	1	PASI-A
		SM 5220D	TEE	1	PASI-A
		SM 5310B	EWS	1	PASI-A
9247453030	**MW-12D**	EPA 6010	SHB	16	PASI-A
		EPA 7470	SAJ	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	LEP	1	PASI-A
		SM 4500-S2D	JDA	1	PASI-A
		SM 5220D	TEE	1	PASI-A
		SM 5310B	EWS	1	PASI-A
9247453031	**MW-16**	EPA 6010	SHB	16	PASI-A
		EPA 7470	SAJ	1	PASI-A
		EPA 8260	MCK	54	PASI-C
		RSK 175	LCW	3	PASI-M
		SM 2320B	LEP	1	PASI-A
		SM 4500-Cl-E	LEP	1	PASI-A
		SM 4500-S2D	JDA	1	PASI-A
		SM 5220D	TEE	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 5310B	EWS	1	PASI-A
9247453032	**EB**	EPA 6010	SHB	15	PASI-A
		EPA 7470	SAJ	1	PASI-A
		EPA 8260	MCK	54	PASI-C
9247453033	**FB**	EPA 8260	MCK	54	PASI-C
9247453034	**TB**	EPA 8260	MCK	54	PASI-C
9247453035	**MW-18**	RSK 175	LCW	3	PASI-M

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-1 **Lab ID: 9247453001** Collected: 06/25/09 14:30 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 00:59	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 00:59	7440-38-2	
Barium	**52.7J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 00:59	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 00:59	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 00:59	7440-43-9	
Chromium	**5.6J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 00:59	7440-47-3	
Cobalt	**59.0**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 00:59	7440-48-4	Z2
Copper	**9.0J**	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 00:59	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 00:59	7439-92-1	
Nickel	**11.7J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 00:59	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 00:59	7782-49-2	
Silver	**0.49J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 00:59	7440-22-4	Z2
Thallium	**3.1J**	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 00:59	7440-28-0	
Vanadium	**5.6J**	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 00:59	7440-62-2	
Zinc	**83.0**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 00:59	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.085J**	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:12	7439-97-6	M0
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		06/29/09 19:12	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 19:12	107-13-1	
Benzene	**5.0**	ug/L	1.0	0.25	1		06/29/09 19:12	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 19:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 19:12	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 19:12	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 19:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 19:12	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 19:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 19:12	56-23-5	
Chlorobenzene	**0.45J**	ug/L	3.0	0.23	1		06/29/09 19:12	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		06/29/09 19:12	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 19:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 19:12	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 19:12	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 19:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 19:12	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 19:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 19:12	95-50-1	
1,4-Dichlorobenzene	**3.4**	ug/L	1.0	0.33	1		06/29/09 19:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 19:12	110-57-6	
1,1-Dichloroethane	**1.8J**	ug/L	5.0	0.32	1		06/29/09 19:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/29/09 19:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 19:12	75-35-4	
cis-1,2-Dichloroethene	**10.8**	ug/L	5.0	0.19	1		06/29/09 19:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 19:12	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-1 **Lab ID: 9247453001** Collected: 06/25/09 14:30 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 19:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 19:12	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 19:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 19:12	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/29/09 19:12	100-41-4	
2-Hexanone	**24.9J**	ug/L	50.0	0.46	1		06/29/09 19:12	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 19:12	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/29/09 19:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 19:12	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 19:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 19:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 19:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 19:12	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/29/09 19:12	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 19:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 19:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/29/09 19:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 19:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 19:12	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 19:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 19:12	75-01-4	
Xylene (Total)	**0.95J**	ug/L	5.0	0.66	1		06/29/09 19:12	1330-20-7	
m&p-Xylene	**0.67J**	ug/L	2.0	0.66	1		06/29/09 19:12	1330-20-7	
o-Xylene	**0.28J**	ug/L	1.0	0.23	1		06/29/09 19:12	95-47-6	
4-Bromofluorobenzene (S)	93	%	87-109		1		06/29/09 19:12	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		06/29/09 19:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	79-120		1		06/29/09 19:12	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		06/29/09 19:12	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-1B **Lab ID: 9247453002** Collected: 06/24/09 16:35 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 01:09	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 01:09	7440-38-2	
Barium	**67.6J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 01:09	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 01:09	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 01:09	7440-43-9	
Chromium	ND	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:09	7440-47-3	
Cobalt	**82.3**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 01:09	7440-48-4	Z2
Copper	**2.4J**	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 01:09	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 01:09	7439-92-1	
Nickel	**7.3J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 01:09	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 01:09	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 01:09	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 01:09	7440-28-0	
Vanadium	ND	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 01:09	7440-62-2	
Zinc	**14.5**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:09	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**1.1**	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:17	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		06/29/09 19:36	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 19:36	107-13-1	
Benzene	**2.4**	ug/L	1.0	0.25	1		06/29/09 19:36	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 19:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 19:36	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 19:36	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 19:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 19:36	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 19:36	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 19:36	56-23-5	
Chlorobenzene	**0.31J**	ug/L	3.0	0.23	1		06/29/09 19:36	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		06/29/09 19:36	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 19:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 19:36	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 19:36	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 19:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 19:36	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 19:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 19:36	95-50-1	
1,4-Dichlorobenzene	**2.9**	ug/L	1.0	0.33	1		06/29/09 19:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 19:36	110-57-6	
1,1-Dichloroethane	**1.4J**	ug/L	5.0	0.32	1		06/29/09 19:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/29/09 19:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 19:36	75-35-4	
cis-1,2-Dichloroethene	**6.6**	ug/L	5.0	0.19	1		06/29/09 19:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 19:36	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-1B **Lab ID: 9247453002** Collected: 06/24/09 16:35 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 19:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 19:36	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 19:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 19:36	10061-02-6	
Ethylbenzene	**0.44J**	ug/L	1.0	0.30	1		06/29/09 19:36	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		06/29/09 19:36	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 19:36	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/29/09 19:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 19:36	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 19:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 19:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 19:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 19:36	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/29/09 19:36	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 19:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 19:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/29/09 19:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 19:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 19:36	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 19:36	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 19:36	75-01-4	
Xylene (Total)	**3.4J**	ug/L	5.0	0.66	1		06/29/09 19:36	1330-20-7	
m&p-Xylene	**2.1**	ug/L	2.0	0.66	1		06/29/09 19:36	1330-20-7	
o-Xylene	**1.3**	ug/L	1.0	0.23	1		06/29/09 19:36	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109		1		06/29/09 19:36	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		06/29/09 19:36	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		06/29/09 19:36	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		06/29/09 19:36	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-2 **Lab ID: 9247453003** Collected: 06/24/09 15:00 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 01:30	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 01:30	7440-38-2	
Barium	**145**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 01:30	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 01:30	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 01:30	7440-43-9	
Chromium	ND	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:30	7440-47-3	
Cobalt	**1180**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 01:30	7440-48-4	Z2
Copper	ND	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 01:30	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 01:30	7439-92-1	
Nickel	**12.2J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 01:30	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 01:30	7782-49-2	
Silver	**0.88J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 01:30	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 01:30	7440-28-0	
Vanadium	ND	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 01:30	7440-62-2	
Zinc	**4.0J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:30	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:22	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**3.4J**	ug/L	100	2.2	1		06/29/09 19:59	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 19:59	107-13-1	
Benzene	**2.5**	ug/L	1.0	0.25	1		06/29/09 19:59	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 19:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 19:59	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 19:59	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 19:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 19:59	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 19:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 19:59	56-23-5	
Chlorobenzene	**1.5J**	ug/L	3.0	0.23	1		06/29/09 19:59	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		06/29/09 19:59	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 19:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 19:59	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 19:59	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 19:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 19:59	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 19:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 19:59	95-50-1	
1,4-Dichlorobenzene	**4.2**	ug/L	1.0	0.33	1		06/29/09 19:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 19:59	110-57-6	
1,1-Dichloroethane	**1.2J**	ug/L	5.0	0.32	1		06/29/09 19:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/29/09 19:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 19:59	75-35-4	
cis-1,2-Dichloroethene	**15.3**	ug/L	5.0	0.19	1		06/29/09 19:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 19:59	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-2 **Lab ID: 9247453003** Collected: 06/24/09 15:00 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 19:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 19:59	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 19:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 19:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/29/09 19:59	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		06/29/09 19:59	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 19:59	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/29/09 19:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 19:59	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 19:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 19:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 19:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 19:59	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/29/09 19:59	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 19:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 19:59	79-00-5	
Trichloroethene	**2.0**	ug/L	1.0	0.47	1		06/29/09 19:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 19:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 19:59	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 19:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 19:59	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/29/09 19:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/29/09 19:59	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/29/09 19:59	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109		1		06/29/09 19:59	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		06/29/09 19:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	79-120		1		06/29/09 19:59	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		06/29/09 19:59	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-4R **Lab ID: 9247453004** Collected: 06/24/09 13:00 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 01:38	7440-36-0	
Arsenic	**3.0J**	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 01:38	7440-38-2	
Barium	**121**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 01:38	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 01:38	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 01:38	7440-43-9	
Chromium	ND	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:38	7440-47-3	
Cobalt	**229**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 01:38	7440-48-4	Z2
Copper	ND	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 01:38	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 01:38	7439-92-1	
Nickel	**9.3J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 01:38	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 01:38	7782-49-2	
Silver	**0.77J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 01:38	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 01:38	7440-28-0	
Vanadium	ND	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 01:38	7440-62-2	
Zinc	ND	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:38	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	07/02/09 14:46	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**3.3J**	ug/L	100	2.2	1		06/29/09 20:23	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 20:23	107-13-1	
Benzene	**3.0**	ug/L	1.0	0.25	1		06/29/09 20:23	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 20:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 20:23	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 20:23	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 20:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 20:23	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 20:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 20:23	56-23-5	
Chlorobenzene	**1.8J**	ug/L	3.0	0.23	1		06/29/09 20:23	108-90-7	
Chloroethane	**2.9J**	ug/L	10.0	0.54	1		06/29/09 20:23	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 20:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 20:23	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 20:23	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 20:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 20:23	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 20:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 20:23	95-50-1	
1,4-Dichlorobenzene	**5.1**	ug/L	1.0	0.33	1		06/29/09 20:23	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 20:23	110-57-6	
1,1-Dichloroethane	**5.6**	ug/L	5.0	0.32	1		06/29/09 20:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/29/09 20:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 20:23	75-35-4	
cis-1,2-Dichloroethene	**20.8**	ug/L	5.0	0.19	1		06/29/09 20:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 20:23	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-4R **Lab ID: 9247453004** Collected: 06/24/09 13:00 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 20:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 20:23	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 20:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 20:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/29/09 20:23	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		06/29/09 20:23	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 20:23	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/29/09 20:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 20:23	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 20:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 20:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 20:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 20:23	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/29/09 20:23	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 20:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 20:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/29/09 20:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 20:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 20:23	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 20:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 20:23	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/29/09 20:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/29/09 20:23	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/29/09 20:23	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		06/29/09 20:23	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		06/29/09 20:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	79-120		1		06/29/09 20:23	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		06/29/09 20:23	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-9 **Lab ID: 9247453005** Collected: 06/24/09 13:35 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 01:46	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 01:46	7440-38-2	
Barium	**70.7J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 01:46	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 01:46	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 01:46	7440-43-9	
Chromium	**0.48J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:46	7440-47-3	
Cobalt	**34.7**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 01:46	7440-48-4	Z2
Copper	**1.2J**	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 01:46	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 01:46	7439-92-1	
Nickel	**20.4J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 01:46	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 01:46	7782-49-2	
Silver	**0.33J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 01:46	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 01:46	7440-28-0	
Vanadium	ND	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 01:46	7440-62-2	
Zinc	**4.3J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:46	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:36	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		06/29/09 20:47	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 20:47	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/29/09 20:47	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 20:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 20:47	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 20:47	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 20:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 20:47	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 20:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 20:47	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		06/29/09 20:47	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		06/29/09 20:47	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 20:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 20:47	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 20:47	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 20:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 20:47	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 20:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 20:47	95-50-1	
1,4-Dichlorobenzene	**0.51J**	ug/L	1.0	0.33	1		06/29/09 20:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 20:47	110-57-6	
1,1-Dichloroethane	**1.6J**	ug/L	5.0	0.32	1		06/29/09 20:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/29/09 20:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 20:47	75-35-4	
cis-1,2-Dichloroethene	**15.3**	ug/L	5.0	0.19	1		06/29/09 20:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 20:47	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-9 **Lab ID: 9247453005** Collected: 06/24/09 13:35 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 20:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 20:47	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 20:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 20:47	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/29/09 20:47	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		06/29/09 20:47	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 20:47	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/29/09 20:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 20:47	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 20:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 20:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 20:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 20:47	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/29/09 20:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 20:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 20:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/29/09 20:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 20:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 20:47	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 20:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 20:47	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/29/09 20:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/29/09 20:47	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/29/09 20:47	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		06/29/09 20:47	460-00-4	
Dibromofluoromethane (S)	101	%	85-115		1		06/29/09 20:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	79-120		1		06/29/09 20:47	17060-07-0	
Toluene-d8 (S)	98	%	70-120		1		06/29/09 20:47	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-10 **Lab ID: 9247453006** Collected: 06/24/09 12:00 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 01:50	7440-36-0	
Arsenic	**5.7J**	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 01:50	7440-38-2	
Barium	**30.7J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 01:50	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 01:50	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 01:50	7440-43-9	
Chromium	**0.54J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:50	7440-47-3	
Cobalt	**9.0J**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 01:50	7440-48-4	Z2
Copper	ND	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 01:50	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 01:50	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 01:50	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 01:50	7782-49-2	
Silver	**0.53J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 01:50	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 01:50	7440-28-0	
Vanadium	**0.77J**	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 01:50	7440-62-2	
Zinc	**1.5J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:50	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:38	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		06/29/09 21:11	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 21:11	107-13-1	
Benzene	**0.90J**	ug/L	1.0	0.25	1		06/29/09 21:11	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 21:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 21:11	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 21:11	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 21:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 21:11	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 21:11	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 21:11	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		06/29/09 21:11	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		06/29/09 21:11	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 21:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 21:11	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 21:11	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 21:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 21:11	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 21:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 21:11	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/29/09 21:11	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 21:11	110-57-6	
1,1-Dichloroethane	**0.68J**	ug/L	5.0	0.32	1		06/29/09 21:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/29/09 21:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 21:11	75-35-4	
cis-1,2-Dichloroethene	**2.4J**	ug/L	5.0	0.19	1		06/29/09 21:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 21:11	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-10 **Lab ID: 9247453006** Collected: 06/24/09 12:00 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 21:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 21:11	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 21:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 21:11	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/29/09 21:11	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		06/29/09 21:11	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 21:11	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/29/09 21:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 21:11	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 21:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 21:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 21:11	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 21:11	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/29/09 21:11	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 21:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 21:11	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/29/09 21:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 21:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 21:11	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 21:11	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 21:11	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/29/09 21:11	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/29/09 21:11	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/29/09 21:11	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		06/29/09 21:11	460-00-4	
Dibromofluoromethane (S)	106	%	85-115		1		06/29/09 21:11	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		06/29/09 21:11	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		06/29/09 21:11	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-14 **Lab ID: 9247453007** Collected: 06/24/09 15:40 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 01:54	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 01:54	7440-38-2	
Barium	**57.9J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 01:54	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 01:54	7440-41-7	
Cadmium	**2.8**	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 01:54	7440-43-9	
Chromium	**1.3J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:54	7440-47-3	
Cobalt	**87.8**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 01:54	7440-48-4	Z2
Copper	**2.6J**	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 01:54	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 01:54	7439-92-1	
Nickel	**7.1J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 01:54	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 01:54	7782-49-2	
Silver	**0.26J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 01:54	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 01:54	7440-28-0	
Vanadium	**0.24J**	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 01:54	7440-62-2	
Zinc	**15.4**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:54	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:41	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		06/29/09 21:35	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 21:35	107-13-1	
Benzene	**1.0**	ug/L	1.0	0.25	1		06/29/09 21:35	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 21:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 21:35	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 21:35	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 21:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 21:35	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 21:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 21:35	56-23-5	
Chlorobenzene	**1.4J**	ug/L	3.0	0.23	1		06/29/09 21:35	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		06/29/09 21:35	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 21:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 21:35	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 21:35	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 21:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 21:35	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 21:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 21:35	95-50-1	
1,4-Dichlorobenzene	**2.5**	ug/L	1.0	0.33	1		06/29/09 21:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 21:35	110-57-6	
1,1-Dichloroethane	**1.3J**	ug/L	5.0	0.32	1		06/29/09 21:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/29/09 21:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 21:35	75-35-4	
cis-1,2-Dichloroethene	**12.3**	ug/L	5.0	0.19	1		06/29/09 21:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 21:35	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-14 **Lab ID: 9247453007** Collected: 06/24/09 15:40 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 21:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 21:35	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 21:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 21:35	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/29/09 21:35	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		06/29/09 21:35	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 21:35	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/29/09 21:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 21:35	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 21:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 21:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 21:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 21:35	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/29/09 21:35	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 21:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 21:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/29/09 21:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 21:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 21:35	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 21:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 21:35	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/29/09 21:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/29/09 21:35	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/29/09 21:35	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		06/29/09 21:35	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		06/29/09 21:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		1		06/29/09 21:35	17060-07-0	
Toluene-d8 (S)	95	%	70-120		1		06/29/09 21:35	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-15 **Lab ID: 9247453008** Collected: 06/25/09 08:30 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 01:58	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 01:58	7440-38-2	
Barium	**10.1J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 01:58	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 01:58	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 01:58	7440-43-9	
Chromium	**0.64J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:58	7440-47-3	
Cobalt	**19.5**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 01:58	7440-48-4	Z2
Copper	**0.75J**	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 01:58	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 01:58	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 01:58	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 01:58	7782-49-2	
Silver	**0.17J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 01:58	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 01:58	7440-28-0	
Vanadium	**1.2J**	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 01:58	7440-62-2	
Zinc	**2.0J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 01:58	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:43	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**4.8J**	ug/L	100	2.2	1		06/29/09 21:58	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 21:58	107-13-1	
Benzene	**2.5**	ug/L	1.0	0.25	1		06/29/09 21:58	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 21:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 21:58	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 21:58	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 21:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 21:58	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 21:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 21:58	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		06/29/09 21:58	108-90-7	
Chloroethane	**2.2J**	ug/L	10.0	0.54	1		06/29/09 21:58	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 21:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 21:58	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 21:58	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 21:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 21:58	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 21:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 21:58	95-50-1	
1,4-Dichlorobenzene	**0.46J**	ug/L	1.0	0.33	1		06/29/09 21:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 21:58	110-57-6	
1,1-Dichloroethane	**7.1**	ug/L	5.0	0.32	1		06/29/09 21:58	75-34-3	
1,2-Dichloroethane	**0.18J**	ug/L	1.0	0.12	1		06/29/09 21:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 21:58	75-35-4	
cis-1,2-Dichloroethene	**5.2**	ug/L	5.0	0.19	1		06/29/09 21:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 21:58	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-15 **Lab ID: 9247453008** Collected: 06/25/09 08:30 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 21:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 21:58	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 21:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 21:58	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/29/09 21:58	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		06/29/09 21:58	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 21:58	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/29/09 21:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 21:58	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 21:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 21:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 21:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 21:58	127-18-4	
Toluene	**0.26J**	ug/L	1.0	0.26	1		06/29/09 21:58	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 21:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 21:58	79-00-5	
Trichloroethene	**1.0**	ug/L	1.0	0.47	1		06/29/09 21:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 21:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 21:58	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 21:58	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 21:58	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/29/09 21:58	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/29/09 21:58	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/29/09 21:58	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		06/29/09 21:58	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		06/29/09 21:58	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	79-120		1		06/29/09 21:58	17060-07-0	
Toluene-d8 (S)	95	%	70-120		1		06/29/09 21:58	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-17 **Lab ID: 9247453009** Collected: 06/25/09 10:55 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 02:01	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 02:01	7440-38-2	
Barium	**36.0J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 02:01	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 02:01	7440-41-7	
Cadmium	**14.7**	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 02:01	7440-43-9	
Chromium	ND	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:01	7440-47-3	
Cobalt	**16.8**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 02:01	7440-48-4	Z2
Copper	**0.99J**	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 02:01	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 02:01	7439-92-1	
Nickel	**3.0J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 02:01	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 02:01	7782-49-2	
Silver	**0.11J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 02:01	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 02:01	7440-28-0	
Vanadium	ND	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 02:01	7440-62-2	
Zinc	**3.9J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:01	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.12J**	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:46	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		06/29/09 22:22	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 22:22	107-13-1	
Benzene	**0.94J**	ug/L	1.0	0.25	1		06/29/09 22:22	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 22:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 22:22	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 22:22	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 22:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 22:22	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 22:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 22:22	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		06/29/09 22:22	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		06/29/09 22:22	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 22:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 22:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 22:22	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 22:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 22:22	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 22:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 22:22	95-50-1	
1,4-Dichlorobenzene	**0.39J**	ug/L	1.0	0.33	1		06/29/09 22:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 22:22	110-57-6	
1,1-Dichloroethane	**2.8J**	ug/L	5.0	0.32	1		06/29/09 22:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/29/09 22:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 22:22	75-35-4	
cis-1,2-Dichloroethene	**3.2J**	ug/L	5.0	0.19	1		06/29/09 22:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 22:22	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-17 **Lab ID: 9247453009** Collected: 06/25/09 10:55 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 22:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 22:22	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 22:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 22:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/29/09 22:22	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		06/29/09 22:22	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 22:22	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/29/09 22:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 22:22	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 22:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 22:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 22:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 22:22	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/29/09 22:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 22:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 22:22	79-00-5	
Trichloroethene	**0.56J**	ug/L	1.0	0.47	1		06/29/09 22:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 22:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 22:22	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 22:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 22:22	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/29/09 22:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/29/09 22:22	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/29/09 22:22	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		06/29/09 22:22	460-00-4	
Dibromofluoromethane (S)	101	%	85-115		1		06/29/09 22:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		06/29/09 22:22	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		06/29/09 22:22	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-19 **Lab ID: 9247453010** Collected: 06/25/09 13:50 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 02:05	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 02:05	7440-38-2	
Barium	**55.7J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 02:05	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 02:05	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 02:05	7440-43-9	
Chromium	**8.0J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:05	7440-47-3	
Cobalt	**10.7**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 02:05	7440-48-4	Z2
Copper	**10.7**	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 02:05	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 02:05	7439-92-1	
Nickel	**7.8J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 02:05	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 02:05	7782-49-2	
Silver	**0.36J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 02:05	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 02:05	7440-28-0	
Vanadium	**10.1J**	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 02:05	7440-62-2	
Zinc	**10.2**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:05	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:48	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		06/29/09 22:46	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 22:46	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/29/09 22:46	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 22:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 22:46	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 22:46	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 22:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 22:46	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 22:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 22:46	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		06/29/09 22:46	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		06/29/09 22:46	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 22:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 22:46	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 22:46	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 22:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 22:46	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 22:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 22:46	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/29/09 22:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 22:46	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		06/29/09 22:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/29/09 22:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 22:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		06/29/09 22:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 22:46	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-19 **Lab ID: 9247453010** Collected: 06/25/09 13:50 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 22:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 22:46	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 22:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 22:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/29/09 22:46	100-41-4	
2-Hexanone	**13.9J**	ug/L	50.0	0.46	1		06/29/09 22:46	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 22:46	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/29/09 22:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 22:46	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 22:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 22:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 22:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 22:46	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/29/09 22:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 22:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 22:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/29/09 22:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 22:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 22:46	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 22:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 22:46	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/29/09 22:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/29/09 22:46	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/29/09 22:46	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		06/29/09 22:46	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		06/29/09 22:46	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	79-120		1		06/29/09 22:46	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		06/29/09 22:46	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-20 **Lab ID: 9247453011** Collected: 06/25/09 12:05 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 02:09	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 02:09	7440-38-2	
Barium	**48.0J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 02:09	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 02:09	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 02:09	7440-43-9	
Chromium	**4.3J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:09	7440-47-3	
Cobalt	**4.5J**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 02:09	7440-48-4	Z2
Copper	**4.5J**	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 02:09	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 02:09	7439-92-1	
Nickel	**6.5J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 02:09	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 02:09	7782-49-2	
Silver	**0.19J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 02:09	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 02:09	7440-28-0	
Vanadium	**3.0J**	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 02:09	7440-62-2	
Zinc	**5.6J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:09	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:51	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		06/29/09 23:10	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 23:10	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/29/09 23:10	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 23:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 23:10	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 23:10	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 23:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 23:10	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 23:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 23:10	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		06/29/09 23:10	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		06/29/09 23:10	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 23:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 23:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 23:10	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 23:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 23:10	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 23:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 23:10	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/29/09 23:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 23:10	110-57-6	
1,1-Dichloroethane	**0.96J**	ug/L	5.0	0.32	1		06/29/09 23:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/29/09 23:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 23:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		06/29/09 23:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 23:10	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-20 **Lab ID: 9247453011** Collected: 06/25/09 12:05 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 23:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 23:10	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 23:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 23:10	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/29/09 23:10	100-41-4	
2-Hexanone	**1.4J**	ug/L	50.0	0.46	1		06/29/09 23:10	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 23:10	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/29/09 23:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 23:10	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 23:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 23:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 23:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 23:10	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/29/09 23:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 23:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 23:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/29/09 23:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 23:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 23:10	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 23:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 23:10	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/29/09 23:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/29/09 23:10	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/29/09 23:10	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		06/29/09 23:10	460-00-4	
Dibromofluoromethane (S)	101	%	85-115		1		06/29/09 23:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	79-120		1		06/29/09 23:10	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		06/29/09 23:10	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-21 **Lab ID: 9247453012** Collected: 06/25/09 11:35 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 02:23	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 02:23	7440-38-2	
Barium	**43.2J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 02:23	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 02:23	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 02:23	7440-43-9	
Chromium	**0.63J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:23	7440-47-3	
Cobalt	**17.1**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 02:23	7440-48-4	Z2
Copper	**0.37J**	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 02:23	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 02:23	7439-92-1	
Nickel	**2.9J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 02:23	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 02:23	7782-49-2	
Silver	**0.20J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 02:23	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 02:23	7440-28-0	
Vanadium	ND	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 02:23	7440-62-2	
Zinc	**2.9J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:23	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:53	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		06/29/09 23:34	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 23:34	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/29/09 23:34	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 23:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 23:34	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 23:34	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 23:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 23:34	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 23:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 23:34	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		06/29/09 23:34	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		06/29/09 23:34	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 23:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 23:34	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 23:34	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 23:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 23:34	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 23:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 23:34	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/29/09 23:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 23:34	110-57-6	
1,1-Dichloroethane	**0.75J**	ug/L	5.0	0.32	1		06/29/09 23:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/29/09 23:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 23:34	75-35-4	
cis-1,2-Dichloroethene	**0.36J**	ug/L	5.0	0.19	1		06/29/09 23:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 23:34	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-21 **Lab ID: 9247453012** Collected: 06/25/09 11:35 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 23:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 23:34	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 23:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 23:34	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/29/09 23:34	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		06/29/09 23:34	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 23:34	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/29/09 23:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 23:34	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 23:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 23:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 23:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 23:34	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/29/09 23:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 23:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 23:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/29/09 23:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 23:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 23:34	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 23:34	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 23:34	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/29/09 23:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/29/09 23:34	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/29/09 23:34	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		06/29/09 23:34	460-00-4	
Dibromofluoromethane (S)	105	%	85-115		1		06/29/09 23:34	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	79-120		1		06/29/09 23:34	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		06/29/09 23:34	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-22 **Lab ID: 9247453013** Collected: 06/25/09 10:10 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 02:27	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 02:27	7440-38-2	
Barium	**43.9J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 02:27	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 02:27	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 02:27	7440-43-9	
Chromium	**2.6J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:27	7440-47-3	
Cobalt	**7.2J**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 02:27	7440-48-4	Z2
Copper	**0.36J**	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 02:27	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 02:27	7439-92-1	
Nickel	**2.4J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 02:27	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 02:27	7782-49-2	
Silver	**0.16J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 02:27	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 02:27	7440-28-0	
Vanadium	**0.75J**	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 02:27	7440-62-2	
Zinc	**3.2J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:27	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:56	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**7.0J**	ug/L	100	2.2	1		06/29/09 23:57	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/29/09 23:57	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/29/09 23:57	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/29/09 23:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/29/09 23:57	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/29/09 23:57	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/29/09 23:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/29/09 23:57	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/29/09 23:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/29/09 23:57	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		06/29/09 23:57	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		06/29/09 23:57	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/29/09 23:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/29/09 23:57	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/29/09 23:57	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/29/09 23:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/29/09 23:57	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/29/09 23:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/29/09 23:57	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/29/09 23:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/29/09 23:57	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		06/29/09 23:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/29/09 23:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/29/09 23:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		06/29/09 23:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/29/09 23:57	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-22 **Lab ID: 9247453013** Collected: 06/25/09 10:10 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/29/09 23:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/29/09 23:57	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/29/09 23:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/29/09 23:57	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/29/09 23:57	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		06/29/09 23:57	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/29/09 23:57	74-88-4	
Methylene Chloride	**3.8**	ug/L	2.0	0.97	1		06/29/09 23:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/29/09 23:57	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/29/09 23:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/29/09 23:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/29/09 23:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/29/09 23:57	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/29/09 23:57	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/29/09 23:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/29/09 23:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/29/09 23:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/29/09 23:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/29/09 23:57	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/29/09 23:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/29/09 23:57	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/29/09 23:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/29/09 23:57	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/29/09 23:57	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		06/29/09 23:57	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		06/29/09 23:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	79-120		1		06/29/09 23:57	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		06/29/09 23:57	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-23 **Lab ID: 9247453014** Collected: 06/25/09 09:10 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 02:30	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 02:30	7440-38-2	
Barium	**58.3J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 02:30	7440-39-3	
Beryllium	**0.11J**	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 02:30	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 02:30	7440-43-9	
Chromium	**2.3J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:30	7440-47-3	
Cobalt	**14.0**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 02:30	7440-48-4	Z2
Copper	**1.2J**	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 02:30	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 02:30	7439-92-1	
Nickel	**5.0J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 02:30	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 02:30	7782-49-2	
Silver	**0.26J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 02:30	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 02:30	7440-28-0	
Vanadium	**1.9J**	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 02:30	7440-62-2	
Zinc	**5.4J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:30	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 16:58	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		06/30/09 00:21	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/30/09 00:21	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/30/09 00:21	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/30/09 00:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/30/09 00:21	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/30/09 00:21	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/30/09 00:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/30/09 00:21	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/30/09 00:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/30/09 00:21	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		06/30/09 00:21	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		06/30/09 00:21	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/30/09 00:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/30/09 00:21	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/30/09 00:21	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/30/09 00:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/30/09 00:21	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/30/09 00:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/30/09 00:21	95-50-1	
1,4-Dichlorobenzene	**0.35J**	ug/L	1.0	0.33	1		06/30/09 00:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/30/09 00:21	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		06/30/09 00:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/30/09 00:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/30/09 00:21	75-35-4	
cis-1,2-Dichloroethene	**1.7J**	ug/L	5.0	0.19	1		06/30/09 00:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/30/09 00:21	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-23 **Lab ID: 9247453014** Collected: 06/25/09 09:10 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/30/09 00:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/30/09 00:21	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/30/09 00:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/30/09 00:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/30/09 00:21	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		06/30/09 00:21	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/30/09 00:21	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/30/09 00:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/30/09 00:21	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/30/09 00:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/30/09 00:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/30/09 00:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/30/09 00:21	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/30/09 00:21	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/30/09 00:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/30/09 00:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/30/09 00:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/30/09 00:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/30/09 00:21	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/30/09 00:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/30/09 00:21	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/30/09 00:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/30/09 00:21	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/30/09 00:21	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		06/30/09 00:21	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		06/30/09 00:21	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		06/30/09 00:21	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		06/30/09 00:21	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: SW-3 **Lab ID: 9247453015** Collected: 06/24/09 14:10 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 02:34	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 02:34	7440-38-2	
Barium	**73.8J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 02:34	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 02:34	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 02:34	7440-43-9	
Chromium	ND	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:34	7440-47-3	
Cobalt	**121**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 02:34	7440-48-4	Z2
Copper	ND	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 02:34	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 02:34	7439-92-1	
Nickel	**5.2J**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 02:34	7440-02-0	
Selenium	**3.8J**	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 02:34	7782-49-2	
Silver	**0.36J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 02:34	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 02:34	7440-28-0	
Vanadium	ND	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 02:34	7440-62-2	
Zinc	**2.1J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:34	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 17:06	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		06/30/09 00:45	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		06/30/09 00:45	107-13-1	
Benzene	**1.1**	ug/L	1.0	0.25	1		06/30/09 00:45	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		06/30/09 00:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/30/09 00:45	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		06/30/09 00:45	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		06/30/09 00:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		06/30/09 00:45	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		06/30/09 00:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/30/09 00:45	56-23-5	
Chlorobenzene	**0.76J**	ug/L	3.0	0.23	1		06/30/09 00:45	108-90-7	
Chloroethane	**1.8J**	ug/L	10.0	0.54	1		06/30/09 00:45	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		06/30/09 00:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/30/09 00:45	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		06/30/09 00:45	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		06/30/09 00:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/30/09 00:45	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		06/30/09 00:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/30/09 00:45	95-50-1	
1,4-Dichlorobenzene	**2.1**	ug/L	1.0	0.33	1		06/30/09 00:45	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		06/30/09 00:45	110-57-6	
1,1-Dichloroethane	**1.6J**	ug/L	5.0	0.32	1		06/30/09 00:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/30/09 00:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		06/30/09 00:45	75-35-4	
cis-1,2-Dichloroethene	**9.8**	ug/L	5.0	0.19	1		06/30/09 00:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		06/30/09 00:45	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: SW-3 **Lab ID: 9247453015** Collected: 06/24/09 14:10 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/30/09 00:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/30/09 00:45	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/30/09 00:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/30/09 00:45	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/30/09 00:45	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		06/30/09 00:45	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		06/30/09 00:45	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/30/09 00:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		06/30/09 00:45	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/30/09 00:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		06/30/09 00:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		06/30/09 00:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/30/09 00:45	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/30/09 00:45	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/30/09 00:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/30/09 00:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/30/09 00:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/30/09 00:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/30/09 00:45	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		06/30/09 00:45	108-05-4	
Vinyl chloride	**1.4**	ug/L	1.0	0.62	1		06/30/09 00:45	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		06/30/09 00:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/30/09 00:45	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		06/30/09 00:45	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		06/30/09 00:45	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		06/30/09 00:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	79-120		1		06/30/09 00:45	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		06/30/09 00:45	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: SW-4R **Lab ID: 9247453016** Collected: 06/25/09 09:30 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 02:38	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 02:38	7440-38-2	
Barium	**34.7J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 02:38	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 02:38	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 02:38	7440-43-9	
Chromium	**0.47J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:38	7440-47-3	
Cobalt	**6.3J**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 02:38	7440-48-4	Z2
Copper	ND	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 02:38	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 02:38	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 02:38	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 02:38	7782-49-2	
Silver	**0.24J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 02:38	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 02:38	7440-28-0	
Vanadium	ND	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 02:38	7440-62-2	
Zinc	ND	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:38	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 17:08	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/01/09 07:13	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/01/09 07:13	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		07/01/09 07:13	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/01/09 07:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/01/09 07:13	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/01/09 07:13	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/01/09 07:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/01/09 07:13	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/01/09 07:13	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/01/09 07:13	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		07/01/09 07:13	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/01/09 07:13	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/01/09 07:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/01/09 07:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/01/09 07:13	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/01/09 07:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/01/09 07:13	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/01/09 07:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/01/09 07:13	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/01/09 07:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/01/09 07:13	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		07/01/09 07:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/01/09 07:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/01/09 07:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		07/01/09 07:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/01/09 07:13	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: SW-4R **Lab ID: 9247453016** Collected: 06/25/09 09:30 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/01/09 07:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/01/09 07:13	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/01/09 07:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/01/09 07:13	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/01/09 07:13	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/01/09 07:13	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/01/09 07:13	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/01/09 07:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/01/09 07:13	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/01/09 07:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/01/09 07:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/01/09 07:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/01/09 07:13	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/01/09 07:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/01/09 07:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/01/09 07:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/01/09 07:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/01/09 07:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/01/09 07:13	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/01/09 07:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/01/09 07:13	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/01/09 07:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/01/09 07:13	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/01/09 07:13	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		07/01/09 07:13	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		07/01/09 07:13	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	79-120		1		07/01/09 07:13	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		07/01/09 07:13	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: SW-5 **Lab ID: 9247453017** Collected: 06/24/09 12:25 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 02:42	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 02:42	7440-38-2	
Barium	**25.2J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 02:42	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 02:42	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 02:42	7440-43-9	
Chromium	**0.66J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:42	7440-47-3	
Cobalt	**20.5**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 02:42	7440-48-4	Z2
Copper	ND	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 02:42	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 02:42	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 02:42	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 02:42	7782-49-2	
Silver	**0.16J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 02:42	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 02:42	7440-28-0	
Vanadium	**0.38J**	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 02:42	7440-62-2	
Zinc	**2.0J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:42	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 17:11	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/01/09 07:36	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/01/09 07:36	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		07/01/09 07:36	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/01/09 07:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/01/09 07:36	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/01/09 07:36	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/01/09 07:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/01/09 07:36	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/01/09 07:36	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/01/09 07:36	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		07/01/09 07:36	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/01/09 07:36	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/01/09 07:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/01/09 07:36	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/01/09 07:36	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/01/09 07:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/01/09 07:36	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/01/09 07:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/01/09 07:36	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/01/09 07:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/01/09 07:36	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		07/01/09 07:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/01/09 07:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/01/09 07:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		07/01/09 07:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/01/09 07:36	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: SW-5 **Lab ID: 9247453017** Collected: 06/24/09 12:25 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/01/09 07:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/01/09 07:36	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/01/09 07:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/01/09 07:36	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/01/09 07:36	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/01/09 07:36	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/01/09 07:36	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/01/09 07:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/01/09 07:36	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/01/09 07:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/01/09 07:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/01/09 07:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/01/09 07:36	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/01/09 07:36	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/01/09 07:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/01/09 07:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/01/09 07:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/01/09 07:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/01/09 07:36	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/01/09 07:36	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/01/09 07:36	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/01/09 07:36	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/01/09 07:36	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/01/09 07:36	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		07/01/09 07:36	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		07/01/09 07:36	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		07/01/09 07:36	17060-07-0	
Toluene-d8 (S)	94	%	70-120		1		07/01/09 07:36	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-18 **Lab ID: 9247453018** Collected: 06/25/09 15:45 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	06/30/09 13:31	07/01/09 02:45	7440-36-0	
Arsenic	**2.7J**	ug/L	10.0	2.7	1	06/30/09 13:31	07/01/09 02:45	7440-38-2	
Barium	**38.2J**	ug/L	100	0.20	1	06/30/09 13:31	07/01/09 02:45	7440-39-3	
Beryllium	**0.24J**	ug/L	1.0	0.10	1	06/30/09 13:31	07/01/09 02:45	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	06/30/09 13:31	07/01/09 02:45	7440-43-9	
Chromium	**3.8J**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:45	7440-47-3	
Cobalt	**90.9**	ug/L	10.0	0.60	1	06/30/09 13:31	07/01/09 02:45	7440-48-4	Z2
Copper	**143**	ug/L	10.0	0.30	1	06/30/09 13:31	07/01/09 02:45	7440-50-8	
Iron	**5460**	ug/L	50.0	14.0	1	06/30/09 13:31	07/01/09 02:45	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	06/30/09 13:31	07/01/09 02:45	7439-92-1	
Nickel	**86.9**	ug/L	50.0	1.7	1	06/30/09 13:31	07/01/09 02:45	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	06/30/09 13:31	07/01/09 02:45	7782-49-2	
Silver	**0.12J**	ug/L	10.0	0.10	1	06/30/09 13:31	07/01/09 02:45	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	06/30/09 13:31	07/01/09 02:45	7440-28-0	
Vanadium	**5.1J**	ug/L	25.0	0.20	1	06/30/09 13:31	07/01/09 02:45	7440-62-2	
Zinc	**39.5**	ug/L	10.0	0.40	1	06/30/09 13:31	07/01/09 02:45	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	06/29/09 17:20	06/30/09 17:13	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/01/09 08:00	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/01/09 08:00	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		07/01/09 08:00	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/01/09 08:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/01/09 08:00	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/01/09 08:00	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/01/09 08:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/01/09 08:00	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/01/09 08:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/01/09 08:00	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		07/01/09 08:00	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/01/09 08:00	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/01/09 08:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/01/09 08:00	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/01/09 08:00	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/01/09 08:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/01/09 08:00	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/01/09 08:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/01/09 08:00	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/01/09 08:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/01/09 08:00	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		07/01/09 08:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/01/09 08:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/01/09 08:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		07/01/09 08:00	156-59-2	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-18 **Lab ID: 9247453018** Collected: 06/25/09 15:45 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/01/09 08:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/01/09 08:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/01/09 08:00	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/01/09 08:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/01/09 08:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/01/09 08:00	100-41-4	
2-Hexanone	**2.2J**	ug/L	50.0	0.46	1		07/01/09 08:00	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/01/09 08:00	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/01/09 08:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/01/09 08:00	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/01/09 08:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/01/09 08:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/01/09 08:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/01/09 08:00	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/01/09 08:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/01/09 08:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/01/09 08:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/01/09 08:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/01/09 08:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/01/09 08:00	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/01/09 08:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/01/09 08:00	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/01/09 08:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/01/09 08:00	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/01/09 08:00	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		07/01/09 08:00	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		07/01/09 08:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	79-120		1		07/01/09 08:00	17060-07-0	
Toluene-d8 (S)	95	%	70-120		1		07/01/09 08:00	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		06/30/09 10:00		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		06/30/09 17:44		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	ND	mg/L	2.0	2.0	1	06/27/09 09:40	07/02/09 11:15		B3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	ND	ug/L	100	100	1		06/27/09 01:35		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	mg/L	5.0	5.0	1		06/27/09 09:40	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-18 **Lab ID: 9247453018** Collected: 06/25/09 15:45 Received: 06/26/09 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	ND	ug/L	100000	100000	1		07/01/09 11:17		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**1.6**	mg/L	1.0	1.0	1		06/30/09 16:00	7440-44-0	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	**54900**	ug/L	10000	10000	2		07/02/09 09:47	14808-79-8	

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

ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-6 **Lab ID: 9247453019** Collected: 06/30/09 14:00 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/10/09 21:26	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/10/09 21:26	74-85-1	
Methane	**60.9**	ug/L	10.0	5.0	1		07/10/09 21:26	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010	Preparation Method: EPA 3010							
Antimony	ND	ug/L	6.0	2.6	1	07/02/09 16:00	07/06/09 19:16	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	07/02/09 16:00	07/06/09 19:16	7440-38-2	
Barium	**62.9J**	ug/L	100	0.20	1	07/02/09 16:00	07/06/09 19:16	7440-39-3	
Beryllium	**0.11J**	ug/L	1.0	0.10	1	07/02/09 16:00	07/06/09 19:16	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/02/09 16:00	07/06/09 19:16	7440-43-9	
Chromium	**3.8J**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:16	7440-47-3	
Cobalt	**21.2**	ug/L	10.0	0.60	1	07/02/09 16:00	07/06/09 19:16	7440-48-4	
Copper	**5.1J**	ug/L	10.0	0.30	1	07/02/09 16:00	07/06/09 19:16	7440-50-8	
Iron	**703**	ug/L	50.0	14.0	1	07/02/09 16:00	07/06/09 19:16	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	07/02/09 16:00	07/06/09 19:16	7439-92-1	
Nickel	**7.1J**	ug/L	50.0	1.7	1	07/02/09 16:00	07/06/09 19:16	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/02/09 16:00	07/06/09 19:16	7782-49-2	
Silver	**0.39J**	ug/L	10.0	0.10	1	07/02/09 16:00	07/06/09 19:16	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	07/02/09 16:00	07/06/09 19:16	7440-28-0	
Vanadium	**1.8J**	ug/L	25.0	0.20	1	07/02/09 16:00	07/06/09 19:16	7440-62-2	
Zinc	**9.6J**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:16	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470	Preparation Method: EPA 7470							
Mercury	**0.71**	ug/L	0.20	0.070	1	07/02/09 11:00	07/07/09 15:12	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/04/09 13:29	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 13:29	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		07/04/09 13:29	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 13:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 13:29	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 13:29	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 13:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 13:29	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 13:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 13:29	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		07/04/09 13:29	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 13:29	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 13:29	67-66-3	
Chloromethane	**0.17J**	ug/L	1.0	0.11	1		07/04/09 13:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 13:29	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 13:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 13:29	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 13:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 13:29	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/04/09 13:29	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-6 **Lab ID: 9247453019** Collected: 06/30/09 14:00 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 13:29	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		07/04/09 13:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/04/09 13:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 13:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		07/04/09 13:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 13:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 13:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 13:29	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 13:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 13:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 13:29	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/04/09 13:29	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 13:29	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 13:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 13:29	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 13:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 13:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 13:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 13:29	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 13:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 13:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 13:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/04/09 13:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 13:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 13:29	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 13:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 13:29	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 13:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 13:29	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 13:29	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109		1		07/04/09 13:29	460-00-4	
Dibromofluoromethane (S)	107	%	85-115		1		07/04/09 13:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120		1		07/04/09 13:29	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		07/04/09 13:29	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		07/06/09 17:16		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/02/09 19:28		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**7.3**	mg/L	5.0	5.0	1		07/02/09 14:41	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-6 **Lab ID: 9247453019** Collected: 06/30/09 14:00 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	**30100**	ug/L	25000	25000	1		07/08/09 20:17		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**11.9**	mg/L	1.0	1.0	1		07/09/09 15:08	7440-44-0	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/02/09 11:44	14808-79-8	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-11 **Lab ID: 9247453020** Collected: 06/30/09 17:30 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/10/09 21:52	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/10/09 21:52	74-85-1	
Methane	**4260**	ug/L	10.0	5.0	1		07/10/09 21:52	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010		Preparation Method: EPA 3010						
Antimony	ND	ug/L	6.0	2.6	1	07/02/09 16:00	07/06/09 19:19	7440-36-0	
Arsenic	**4.4J**	ug/L	10.0	2.7	1	07/02/09 16:00	07/06/09 19:19	7440-38-2	
Barium	**130**	ug/L	100	0.20	1	07/02/09 16:00	07/06/09 19:19	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	07/02/09 16:00	07/06/09 19:19	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/02/09 16:00	07/06/09 19:19	7440-43-9	
Chromium	ND	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:19	7440-47-3	
Cobalt	**132**	ug/L	10.0	0.60	1	07/02/09 16:00	07/06/09 19:19	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	07/02/09 16:00	07/06/09 19:19	7440-50-8	
Iron	**36900**	ug/L	50.0	14.0	1	07/02/09 16:00	07/06/09 19:19	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	07/02/09 16:00	07/06/09 19:19	7439-92-1	
Nickel	**17.0J**	ug/L	50.0	1.7	1	07/02/09 16:00	07/06/09 19:19	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/02/09 16:00	07/06/09 19:19	7782-49-2	
Silver	**1.0J**	ug/L	10.0	0.10	1	07/02/09 16:00	07/06/09 19:19	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	07/02/09 16:00	07/06/09 19:19	7440-28-0	
Vanadium	**0.97J**	ug/L	25.0	0.20	1	07/02/09 16:00	07/06/09 19:19	7440-62-2	
Zinc	**27.7**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:19	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470						
Mercury	ND	ug/L	0.20	0.070	1	07/02/09 11:00	07/02/09 16:48	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/04/09 13:47	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 13:47	107-13-1	
Benzene	**5.0**	ug/L	1.0	0.25	1		07/04/09 13:47	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 13:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 13:47	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 13:47	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 13:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 13:47	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 13:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 13:47	56-23-5	
Chlorobenzene	**2.2J**	ug/L	3.0	0.23	1		07/04/09 13:47	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 13:47	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 13:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 13:47	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 13:47	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 13:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 13:47	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 13:47	74-95-3	
1,2-Dichlorobenzene	**0.47J**	ug/L	5.0	0.30	1		07/04/09 13:47	95-50-1	
1,4-Dichlorobenzene	**8.5**	ug/L	1.0	0.33	1		07/04/09 13:47	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-11 **Lab ID: 9247453020** Collected: 06/30/09 17:30 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 13:47	110-57-6	
1,1-Dichloroethane	**1.7J**	ug/L	5.0	0.32	1		07/04/09 13:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/04/09 13:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 13:47	75-35-4	
cis-1,2-Dichloroethene	**32.5**	ug/L	5.0	0.19	1		07/04/09 13:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 13:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 13:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 13:47	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 13:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 13:47	10061-02-6	
Ethylbenzene	**0.61J**	ug/L	1.0	0.30	1		07/04/09 13:47	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/04/09 13:47	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 13:47	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 13:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 13:47	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 13:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 13:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 13:47	79-34-5	
Tetrachloroethene	**0.49J**	ug/L	1.0	0.46	1		07/04/09 13:47	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 13:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 13:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 13:47	79-00-5	
Trichloroethene	**0.87J**	ug/L	1.0	0.47	1		07/04/09 13:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 13:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 13:47	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 13:47	108-05-4	
Vinyl chloride	**0.94J**	ug/L	1.0	0.62	1		07/04/09 13:47	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 13:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 13:47	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 13:47	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		07/04/09 13:47	460-00-4	
Dibromofluoromethane (S)	106	%	85-115		1		07/04/09 13:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120		1		07/04/09 13:47	17060-07-0	
Toluene-d8 (S)	100	%	70-120		1		07/04/09 13:47	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**207**	mg/L	5.0	5.0	1		07/06/09 17:16		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/02/09 19:28		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**12.3**	mg/L	5.0	5.0	1		07/02/09 14:41	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-11 **Lab ID: 9247453020** Collected: 06/30/09 17:30 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	**31600**	ug/L	25000	25000	1		07/08/09 20:17		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**21.0**	mg/L	1.0	1.0	1		07/09/09 15:08	7440-44-0	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/02/09 11:47	14808-79-8	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-13 **Lab ID: 9247453021** Collected: 06/30/09 12:10 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/10/09 22:17	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/10/09 22:17	74-85-1	
Methane	**52.5**	ug/L	10.0	5.0	1		07/10/09 22:17	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010	Preparation Method: EPA 3010							
Antimony	ND	ug/L	6.0	2.6	1	07/02/09 16:00	07/06/09 19:33	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	07/02/09 16:00	07/06/09 19:33	7440-38-2	
Barium	**19.8J**	ug/L	100	0.20	1	07/02/09 16:00	07/06/09 19:33	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	07/02/09 16:00	07/06/09 19:33	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/02/09 16:00	07/06/09 19:33	7440-43-9	
Chromium	**3.0J**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:33	7440-47-3	
Cobalt	**2.8J**	ug/L	10.0	0.60	1	07/02/09 16:00	07/06/09 19:33	7440-48-4	
Copper	**3.2J**	ug/L	10.0	0.30	1	07/02/09 16:00	07/06/09 19:33	7440-50-8	
Iron	**3470**	ug/L	50.0	14.0	1	07/02/09 16:00	07/06/09 19:33	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	07/02/09 16:00	07/06/09 19:33	7439-92-1	
Nickel	**7.5J**	ug/L	50.0	1.7	1	07/02/09 16:00	07/06/09 19:33	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/02/09 16:00	07/06/09 19:33	7782-49-2	
Silver	**0.51J**	ug/L	10.0	0.10	1	07/02/09 16:00	07/06/09 19:33	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	07/02/09 16:00	07/06/09 19:33	7440-28-0	
Vanadium	**1.9J**	ug/L	25.0	0.20	1	07/02/09 16:00	07/06/09 19:33	7440-62-2	
Zinc	**11.7**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:33	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470	Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	0.070	1	07/02/09 11:00	07/02/09 16:50	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/04/09 14:06	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 14:06	107-13-1	
Benzene	**0.27J**	ug/L	1.0	0.25	1		07/04/09 14:06	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 14:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 14:06	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 14:06	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 14:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 14:06	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 14:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 14:06	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		07/04/09 14:06	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 14:06	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 14:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 14:06	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 14:06	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 14:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 14:06	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 14:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 14:06	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/04/09 14:06	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-13 **Lab ID: 9247453021** Collected: 06/30/09 12:10 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 14:06	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		07/04/09 14:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/04/09 14:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 14:06	75-35-4	
cis-1,2-Dichloroethene	**0.45J**	ug/L	5.0	0.19	1		07/04/09 14:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 14:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 14:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 14:06	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 14:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 14:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 14:06	100-41-4	
2-Hexanone	**5.2J**	ug/L	50.0	0.46	1		07/04/09 14:06	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 14:06	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 14:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 14:06	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 14:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 14:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 14:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 14:06	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 14:06	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 14:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 14:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/04/09 14:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 14:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 14:06	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 14:06	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 14:06	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 14:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 14:06	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 14:06	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		07/04/09 14:06	460-00-4	
Dibromofluoromethane (S)	106	%	85-115		1		07/04/09 14:06	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	79-120		1		07/04/09 14:06	17060-07-0	
Toluene-d8 (S)	100	%	70-120		1		07/04/09 14:06	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**34.4**	mg/L	5.0	5.0	1		07/06/09 17:16		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/02/09 19:28		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	mg/L	5.0	5.0	1		07/02/09 14:41	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-13 **Lab ID: 9247453021** Collected: 06/30/09 12:10 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	**37700**	ug/L	25000	25000	1		07/08/09 20:17		R1
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**1.9**	mg/L	1.0	1.0	1		07/10/09 09:51	7440-44-0	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	**20300**	ug/L	5000	5000	1		07/02/09 11:47	14808-79-8	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-24 **Lab ID: 9247453022** Collected: 06/30/09 15:40 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/10/09 22:43	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/10/09 22:43	74-85-1	
Methane	ND	ug/L	10.0	5.0	1		07/10/09 22:43	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010		Preparation Method: EPA 3010						
Antimony	ND	ug/L	6.0	2.6	1	07/02/09 16:00	07/06/09 19:36	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	07/02/09 16:00	07/06/09 19:36	7440-38-2	
Barium	**82.5J**	ug/L	100	0.20	1	07/02/09 16:00	07/06/09 19:36	7440-39-3	
Beryllium	**0.18J**	ug/L	1.0	0.10	1	07/02/09 16:00	07/06/09 19:36	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/02/09 16:00	07/06/09 19:36	7440-43-9	
Chromium	**3.1J**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:36	7440-47-3	
Cobalt	**28.9**	ug/L	10.0	0.60	1	07/02/09 16:00	07/06/09 19:36	7440-48-4	
Copper	**0.69J**	ug/L	10.0	0.30	1	07/02/09 16:00	07/06/09 19:36	7440-50-8	
Iron	**576**	ug/L	50.0	14.0	1	07/02/09 16:00	07/06/09 19:36	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	07/02/09 16:00	07/06/09 19:36	7439-92-1	
Nickel	**4.4J**	ug/L	50.0	1.7	1	07/02/09 16:00	07/06/09 19:36	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/02/09 16:00	07/06/09 19:36	7782-49-2	
Silver	**0.30J**	ug/L	10.0	0.10	1	07/02/09 16:00	07/06/09 19:36	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	07/02/09 16:00	07/06/09 19:36	7440-28-0	
Vanadium	**1.4J**	ug/L	25.0	0.20	1	07/02/09 16:00	07/06/09 19:36	7440-62-2	
Zinc	**9.8J**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:36	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470						
Mercury	ND	ug/L	0.20	0.070	1	07/02/09 11:00	07/02/09 16:53	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/04/09 14:25	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 14:25	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		07/04/09 14:25	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 14:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 14:25	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 14:25	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 14:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 14:25	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 14:25	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 14:25	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		07/04/09 14:25	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 14:25	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 14:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 14:25	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 14:25	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 14:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 14:25	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 14:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 14:25	95-50-1	
1,4-Dichlorobenzene	**0.93J**	ug/L	1.0	0.33	1		07/04/09 14:25	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-24 **Lab ID: 9247453022** Collected: 06/30/09 15:40 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 14:25	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		07/04/09 14:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/04/09 14:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 14:25	75-35-4	
cis-1,2-Dichloroethene	**2.1J**	ug/L	5.0	0.19	1		07/04/09 14:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 14:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 14:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 14:25	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 14:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 14:25	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 14:25	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/04/09 14:25	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 14:25	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 14:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 14:25	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 14:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 14:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 14:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 14:25	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 14:25	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 14:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 14:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/04/09 14:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 14:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 14:25	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 14:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 14:25	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 14:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 14:25	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 14:25	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		07/04/09 14:25	460-00-4	
Dibromofluoromethane (S)	106	%	85-115		1		07/04/09 14:25	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	79-120		1		07/04/09 14:25	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		07/04/09 14:25	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**31.1**	mg/L	5.0	5.0	1		07/06/09 17:17		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/02/09 19:28		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**23.3**	mg/L	5.0	5.0	1		07/02/09 14:42	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-24 **Lab ID: 9247453022** Collected: 06/30/09 15:40 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	ND	ug/L	25000	25000	1		07/08/09 20:17		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**9.8**	mg/L	1.0	1.0	1		07/09/09 15:08	7440-44-0	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/02/09 11:47	14808-79-8	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-25 **Lab ID: 9247453023** Collected: 06/30/09 08:35 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/10/09 23:08	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/10/09 23:08	74-85-1	
Methane	**6.8J**	ug/L	10.0	5.0	1		07/10/09 23:08	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010	Preparation Method: EPA 3010							
Antimony	ND	ug/L	6.0	2.6	1	07/02/09 16:00	07/06/09 19:40	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	07/02/09 16:00	07/06/09 19:40	7440-38-2	
Barium	**47.0J**	ug/L	100	0.20	1	07/02/09 16:00	07/06/09 19:40	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	07/02/09 16:00	07/06/09 19:40	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/02/09 16:00	07/06/09 19:40	7440-43-9	
Chromium	**4.6J**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:40	7440-47-3	
Cobalt	**5.0J**	ug/L	10.0	0.60	1	07/02/09 16:00	07/06/09 19:40	7440-48-4	
Copper	**0.73J**	ug/L	10.0	0.30	1	07/02/09 16:00	07/06/09 19:40	7440-50-8	
Iron	**777**	ug/L	50.0	14.0	1	07/02/09 16:00	07/06/09 19:40	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	07/02/09 16:00	07/06/09 19:40	7439-92-1	
Nickel	**7.8J**	ug/L	50.0	1.7	1	07/02/09 16:00	07/06/09 19:40	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/02/09 16:00	07/06/09 19:40	7782-49-2	
Silver	**0.28J**	ug/L	10.0	0.10	1	07/02/09 16:00	07/06/09 19:40	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	07/02/09 16:00	07/06/09 19:40	7440-28-0	
Vanadium	**2.4J**	ug/L	25.0	0.20	1	07/02/09 16:00	07/06/09 19:40	7440-62-2	
Zinc	**6.2J**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:40	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470	Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	0.070	1	07/02/09 11:00	07/02/09 16:55	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/04/09 14:44	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 14:44	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		07/04/09 14:44	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 14:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 14:44	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 14:44	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 14:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 14:44	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 14:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 14:44	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		07/04/09 14:44	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 14:44	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 14:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 14:44	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 14:44	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 14:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 14:44	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 14:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 14:44	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/04/09 14:44	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-25 **Lab ID: 9247453023** Collected: 06/30/09 08:35 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 14:44	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		07/04/09 14:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/04/09 14:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 14:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		07/04/09 14:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 14:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 14:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 14:44	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 14:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 14:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 14:44	100-41-4	
2-Hexanone	**1.2J**	ug/L	50.0	0.46	1		07/04/09 14:44	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 14:44	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 14:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 14:44	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 14:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 14:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 14:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 14:44	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 14:44	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 14:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 14:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/04/09 14:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 14:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 14:44	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 14:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 14:44	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 14:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 14:44	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 14:44	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		07/04/09 14:44	460-00-4	
Dibromofluoromethane (S)	106	%	85-115		1		07/04/09 14:44	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	79-120		1		07/04/09 14:44	17060-07-0	
Toluene-d8 (S)	102	%	70-120		1		07/04/09 14:44	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**18.9**	mg/L	5.0	5.0	1		07/06/09 17:17		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/02/09 19:28		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	mg/L	5.0	5.0	1		07/02/09 14:42	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-25 **Lab ID: 9247453023** Collected: 06/30/09 08:35 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	ND	ug/L	25000	25000	1		07/08/09 20:17		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**4.7**	mg/L	1.0	1.0	1		07/09/09 15:08	7440-44-0	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/02/09 11:47	14808-79-8	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-26 **Lab ID: 9247453024** Collected: 06/30/09 11:05 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/10/09 23:34	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/10/09 23:34	74-85-1	
Methane	**240**	ug/L	10.0	5.0	1		07/10/09 23:34	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010		Preparation Method: EPA 3010						
Antimony	ND	ug/L	6.0	2.6	1	07/02/09 16:00	07/06/09 19:43	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	07/02/09 16:00	07/06/09 19:43	7440-38-2	
Barium	**58.8J**	ug/L	100	0.20	1	07/02/09 16:00	07/06/09 19:43	7440-39-3	
Beryllium	**0.12J**	ug/L	1.0	0.10	1	07/02/09 16:00	07/06/09 19:43	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/02/09 16:00	07/06/09 19:43	7440-43-9	
Chromium	**7.4J**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:43	7440-47-3	
Cobalt	**70.9**	ug/L	10.0	0.60	1	07/02/09 16:00	07/06/09 19:43	7440-48-4	
Copper	**1.5J**	ug/L	10.0	0.30	1	07/02/09 16:00	07/06/09 19:43	7440-50-8	
Iron	**11500**	ug/L	50.0	14.0	1	07/02/09 16:00	07/06/09 19:43	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	07/02/09 16:00	07/06/09 19:43	7439-92-1	
Nickel	**12.7J**	ug/L	50.0	1.7	1	07/02/09 16:00	07/06/09 19:43	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/02/09 16:00	07/06/09 19:43	7782-49-2	
Silver	**0.59J**	ug/L	10.0	0.10	1	07/02/09 16:00	07/06/09 19:43	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	07/02/09 16:00	07/06/09 19:43	7440-28-0	
Vanadium	**4.7J**	ug/L	25.0	0.20	1	07/02/09 16:00	07/06/09 19:43	7440-62-2	
Zinc	**20.7**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:43	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470						
Mercury	ND	ug/L	0.20	0.070	1	07/02/09 11:00	07/02/09 17:02	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/04/09 15:03	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 15:03	107-13-1	
Benzene	**1.4**	ug/L	1.0	0.25	1		07/04/09 15:03	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 15:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 15:03	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 15:03	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 15:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 15:03	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 15:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 15:03	56-23-5	
Chlorobenzene	**0.32J**	ug/L	3.0	0.23	1		07/04/09 15:03	108-90-7	
Chloroethane	**0.82J**	ug/L	10.0	0.54	1		07/04/09 15:03	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 15:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 15:03	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 15:03	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 15:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 15:03	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 15:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 15:03	95-50-1	
1,4-Dichlorobenzene	**0.58J**	ug/L	1.0	0.33	1		07/04/09 15:03	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-26 **Lab ID: 9247453024** Collected: 06/30/09 11:05 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 15:03	110-57-6	
1,1-Dichloroethane	**2.2J**	ug/L	5.0	0.32	1		07/04/09 15:03	75-34-3	
1,2-Dichloroethane	**0.18J**	ug/L	1.0	0.12	1		07/04/09 15:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 15:03	75-35-4	
cis-1,2-Dichloroethene	**28.3**	ug/L	5.0	0.19	1		07/04/09 15:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 15:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 15:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 15:03	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 15:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 15:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 15:03	100-41-4	
2-Hexanone	**5.6J**	ug/L	50.0	0.46	1		07/04/09 15:03	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 15:03	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 15:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 15:03	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 15:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 15:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 15:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 15:03	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 15:03	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 15:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 15:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/04/09 15:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 15:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 15:03	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 15:03	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 15:03	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 15:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 15:03	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 15:03	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109		1		07/04/09 15:03	460-00-4	
Dibromofluoromethane (S)	108	%	85-115		1		07/04/09 15:03	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	79-120		1		07/04/09 15:03	17060-07-0	
Toluene-d8 (S)	103	%	70-120		1		07/04/09 15:03	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**144**	mg/L	5.0	5.0	1		07/06/09 17:17		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/02/09 19:28		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**6.9**	mg/L	5.0	5.0	1		07/02/09 14:42	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-26 **Lab ID: 9247453024** Collected: 06/30/09 11:05 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	**76000**	ug/L	25000	25000	1		07/08/09 20:17		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**12.4**	mg/L	1.0	1.0	1		07/09/09 15:08	7440-44-0	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	ND	ug/L	5000	5000	1		07/02/09 11:49	14808-79-8	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-27 **Lab ID: 9247453025** Collected: 06/30/09 09:55 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/10/09 23:59	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/10/09 23:59	74-85-1	
Methane	ND	ug/L	10.0	5.0	1		07/10/09 23:59	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010	Preparation Method: EPA 3010							
Antimony	ND	ug/L	6.0	2.6	1	07/02/09 16:00	07/06/09 19:47	7440-36-0	
Arsenic	**2.8J**	ug/L	10.0	2.7	1	07/02/09 16:00	07/06/09 19:47	7440-38-2	
Barium	**89.3J**	ug/L	100	0.20	1	07/02/09 16:00	07/06/09 19:47	7440-39-3	
Beryllium	**0.28J**	ug/L	1.0	0.10	1	07/02/09 16:00	07/06/09 19:47	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/02/09 16:00	07/06/09 19:47	7440-43-9	
Chromium	**12.9**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:47	7440-47-3	
Cobalt	**2.2J**	ug/L	10.0	0.60	1	07/02/09 16:00	07/06/09 19:47	7440-48-4	
Copper	**4.1J**	ug/L	10.0	0.30	1	07/02/09 16:00	07/06/09 19:47	7440-50-8	
Iron	**3720**	ug/L	50.0	14.0	1	07/02/09 16:00	07/06/09 19:47	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	07/02/09 16:00	07/06/09 19:47	7439-92-1	
Nickel	**10.0J**	ug/L	50.0	1.7	1	07/02/09 16:00	07/06/09 19:47	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/02/09 16:00	07/06/09 19:47	7782-49-2	
Silver	**0.39J**	ug/L	10.0	0.10	1	07/02/09 16:00	07/06/09 19:47	7440-22-4	Z2
Thallium	ND	ug/L	5.5	3.0	1	07/02/09 16:00	07/06/09 19:47	7440-28-0	
Vanadium	**8.4J**	ug/L	25.0	0.20	1	07/02/09 16:00	07/06/09 19:47	7440-62-2	
Zinc	**12.2**	ug/L	10.0	0.40	1	07/02/09 16:00	07/06/09 19:47	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470	Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	0.070	1	07/02/09 11:00	07/02/09 17:05	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/04/09 15:22	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 15:22	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		07/04/09 15:22	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 15:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 15:22	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 15:22	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 15:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 15:22	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 15:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 15:22	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		07/04/09 15:22	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 15:22	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 15:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 15:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 15:22	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 15:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 15:22	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 15:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 15:22	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/04/09 15:22	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-27 **Lab ID: 9247453025** Collected: 06/30/09 09:55 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 15:22	110-57-6	
1,1-Dichloroethane	**1.1J**	ug/L	5.0	0.32	1		07/04/09 15:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/04/09 15:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 15:22	75-35-4	
cis-1,2-Dichloroethene	**19.0**	ug/L	5.0	0.19	1		07/04/09 15:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 15:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 15:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 15:22	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 15:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 15:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 15:22	100-41-4	
2-Hexanone	**3.6J**	ug/L	50.0	0.46	1		07/04/09 15:22	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 15:22	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 15:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 15:22	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 15:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 15:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 15:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 15:22	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 15:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 15:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 15:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/04/09 15:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 15:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 15:22	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 15:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 15:22	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 15:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 15:22	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 15:22	95-47-6	
4-Bromofluorobenzene (S)	95	%	87-109		1		07/04/09 15:22	460-00-4	
Dibromofluoromethane (S)	106	%	85-115		1		07/04/09 15:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	79-120		1		07/04/09 15:22	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		07/04/09 15:22	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**144**	mg/L	5.0	5.0	1		07/06/09 17:17		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/02/09 19:28		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**13.8**	mg/L	5.0	5.0	1		07/02/09 14:42	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-27 **Lab ID: 9247453025** Collected: 06/30/09 09:55 Received: 07/01/09 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	ND	ug/L	25000	25000	1		07/08/09 20:17		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**6.9**	mg/L	1.0	1.0	1		07/09/09 15:08	7440-44-0	
ASTM D516-90 Sulfate Water	Analytical Method: ASTM D516-90								
Sulfate	**16200**	ug/L	5000	5000	1		07/02/09 11:49	14808-79-8	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-3 **Lab ID: 9247453026** Collected: 07/01/09 15:15 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/14/09 16:27	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/14/09 16:27	74-85-1	
Methane	**10000**	ug/L	10.0	5.0	1		07/14/09 16:27	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010		Preparation Method: EPA 3010						
Antimony	ND	ug/L	6.0	2.6	1	07/09/09 09:10	07/09/09 18:05	7440-36-0	
Arsenic	**3.0J**	ug/L	10.0	2.7	1	07/09/09 09:10	07/09/09 18:05	7440-38-2	
Barium	**50.8J**	ug/L	100	0.20	1	07/09/09 09:10	07/09/09 18:05	7440-39-3	Z2
Beryllium	ND	ug/L	1.0	0.10	1	07/09/09 09:10	07/09/09 18:05	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/09/09 09:10	07/09/09 18:05	7440-43-9	
Chromium	**6.4J**	ug/L	10.0	0.40	1	07/09/09 09:10	07/10/09 15:15	7440-47-3	Z2
Cobalt	**3.5J**	ug/L	10.0	0.60	1	07/09/09 09:10	07/09/09 18:05	7440-48-4	Z2
Copper	**6.9J**	ug/L	10.0	0.30	1	07/09/09 09:10	07/09/09 18:05	7440-50-8	
Iron	**14100**	ug/L	50.0	14.0	1	07/09/09 09:10	07/09/09 18:05	7439-89-6	
Lead	**20.4**	ug/L	10.0	4.0	1	07/09/09 09:10	07/09/09 18:05	7439-92-1	
Nickel	**24.6J**	ug/L	50.0	1.7	1	07/09/09 09:10	07/09/09 18:05	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/09/09 09:10	07/09/09 18:05	7782-49-2	
Silver	**0.75J**	ug/L	10.0	0.10	1	07/09/09 09:10	07/09/09 18:05	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	07/09/09 09:10	07/09/09 18:05	7440-28-0	
Vanadium	**4.0J**	ug/L	25.0	0.20	1	07/09/09 09:10	07/09/09 18:05	7440-62-2	
Zinc	**15.5**	ug/L	10.0	0.40	1	07/09/09 09:10	07/09/09 18:05	7440-66-6	Z2
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470						
Mercury	ND	ug/L	0.20	0.070	1	07/09/09 15:47	07/11/09 12:16	7439-97-6	M0
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/04/09 15:41	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 15:41	107-13-1	
Benzene	**8.1**	ug/L	1.0	0.25	1		07/04/09 15:41	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 15:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 15:41	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 15:41	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 15:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 15:41	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 15:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 15:41	56-23-5	
Chlorobenzene	**1.0J**	ug/L	3.0	0.23	1		07/04/09 15:41	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 15:41	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 15:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 15:41	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 15:41	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 15:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 15:41	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 15:41	74-95-3	
1,2-Dichlorobenzene	**0.69J**	ug/L	5.0	0.30	1		07/04/09 15:41	95-50-1	
1,4-Dichlorobenzene	**9.5**	ug/L	1.0	0.33	1		07/04/09 15:41	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-3 **Lab ID: 9247453026** Collected: 07/01/09 15:15 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 15:41	110-57-6	
1,1-Dichloroethane	**1.0J**	ug/L	5.0	0.32	1		07/04/09 15:41	75-34-3	
1,2-Dichloroethane	**0.47J**	ug/L	1.0	0.12	1		07/04/09 15:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 15:41	75-35-4	
cis-1,2-Dichloroethene	**11.6**	ug/L	5.0	0.19	1		07/04/09 15:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 15:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 15:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 15:41	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 15:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 15:41	10061-02-6	
Ethylbenzene	**3.1**	ug/L	1.0	0.30	1		07/04/09 15:41	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/04/09 15:41	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 15:41	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 15:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 15:41	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 15:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 15:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 15:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 15:41	127-18-4	
Toluene	**3.0**	ug/L	1.0	0.26	1		07/04/09 15:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 15:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 15:41	79-00-5	
Trichloroethene	**2.2**	ug/L	1.0	0.47	1		07/04/09 15:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 15:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 15:41	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 15:41	108-05-4	
Vinyl chloride	**1.3**	ug/L	1.0	0.62	1		07/04/09 15:41	75-01-4	
Xylene (Total)	**19.7**	ug/L	5.0	0.66	1		07/04/09 15:41	1330-20-7	
m&p-Xylene	**14.6**	ug/L	2.0	0.66	1		07/04/09 15:41	1330-20-7	
o-Xylene	**5.0**	ug/L	1.0	0.23	1		07/04/09 15:41	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		07/04/09 15:41	460-00-4	
Dibromofluoromethane (S)	109	%	85-115		1		07/04/09 15:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	79-120		1		07/04/09 15:41	17060-07-0	
Toluene-d8 (S)	102	%	70-120		1		07/04/09 15:41	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**131**	mg/L	5.0	5.0	1		07/07/09 16:30		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/07/09 11:46		M0
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**17.6**	mg/L	5.0	5.0	1		07/08/09 13:04	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-3 **Lab ID: 9247453026** Collected: 07/01/09 15:15 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	**29300**	ug/L	25000	25000	1		07/08/09 20:17		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**18.3**	mg/L	1.0	1.0	1		07/09/09 15:08	7440-44-0	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-5 **Lab ID: 9247453027** Collected: 07/01/09 06:25 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/14/09 16:53	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/14/09 16:53	74-85-1	
Methane	**4100**	ug/L	10.0	5.0	1		07/14/09 16:53	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010	Preparation Method: EPA 3010							
Antimony	ND	ug/L	6.0	2.6	1	07/09/09 09:10	07/09/09 18:13	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	07/09/09 09:10	07/09/09 18:13	7440-38-2	
Barium	**77.2J**	ug/L	100	0.20	1	07/09/09 09:10	07/09/09 18:13	7440-39-3	Z2
Beryllium	**0.75J**	ug/L	1.0	0.10	1	07/09/09 09:10	07/09/09 18:13	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/09/09 09:10	07/09/09 18:13	7440-43-9	
Chromium	**1.9J**	ug/L	10.0	0.40	1	07/09/09 09:10	07/09/09 18:13	7440-47-3	Z2
Cobalt	ND	ug/L	10.0	0.60	1	07/09/09 09:10	07/09/09 18:13	7440-48-4	
Copper	**4.4J**	ug/L	10.0	0.30	1	07/09/09 09:10	07/09/09 18:13	7440-50-8	
Iron	**40800**	ug/L	50.0	14.0	1	07/09/09 09:10	07/09/09 18:13	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	07/09/09 09:10	07/09/09 18:13	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	07/09/09 09:10	07/09/09 18:13	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/09/09 09:10	07/09/09 18:13	7782-49-2	
Silver	**0.68J**	ug/L	10.0	0.10	1	07/09/09 09:10	07/09/09 18:13	7440-22-4	
Thallium	**3.1J**	ug/L	5.5	3.0	1	07/09/09 09:10	07/09/09 18:13	7440-28-0	
Vanadium	**4.6J**	ug/L	25.0	0.20	1	07/09/09 09:10	07/09/09 18:13	7440-62-2	
Zinc	**23.2**	ug/L	10.0	0.40	1	07/09/09 09:10	07/09/09 18:13	7440-66-6	Z2
7470 Mercury	Analytical Method: EPA 7470	Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	0.070	1	07/09/09 15:47	07/11/09 12:31	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/04/09 16:00	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 16:00	107-13-1	
Benzene	**3.8**	ug/L	1.0	0.25	1		07/04/09 16:00	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 16:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 16:00	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 16:00	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 16:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 16:00	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 16:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 16:00	56-23-5	
Chlorobenzene	**0.66J**	ug/L	3.0	0.23	1		07/04/09 16:00	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 16:00	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 16:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 16:00	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 16:00	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 16:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 16:00	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 16:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 16:00	95-50-1	
1,4-Dichlorobenzene	**1.8**	ug/L	1.0	0.33	1		07/04/09 16:00	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-5 **Lab ID: 9247453027** Collected: 07/01/09 06:25 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 16:00	110-57-6	
1,1-Dichloroethane	**5.1**	ug/L	5.0	0.32	1		07/04/09 16:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/04/09 16:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 16:00	75-35-4	
cis-1,2-Dichloroethene	**11.5**	ug/L	5.0	0.19	1		07/04/09 16:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 16:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 16:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 16:00	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 16:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 16:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 16:00	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/04/09 16:00	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 16:00	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 16:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 16:00	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 16:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 16:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 16:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 16:00	127-18-4	
Toluene	**0.75J**	ug/L	1.0	0.26	1		07/04/09 16:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 16:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 16:00	79-00-5	
Trichloroethene	**0.54J**	ug/L	1.0	0.47	1		07/04/09 16:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 16:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 16:00	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 16:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 16:00	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 16:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 16:00	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 16:00	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		07/04/09 16:00	460-00-4	
Dibromofluoromethane (S)	107	%	85-115		1		07/04/09 16:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120		1		07/04/09 16:00	17060-07-0	
Toluene-d8 (S)	103	%	70-120		1		07/04/09 16:00	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**166**	mg/L	5.0	5.0	1		07/07/09 16:30		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/07/09 11:46		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	mg/L	5.0	5.0	1		07/08/09 13:04	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-5 **Lab ID: 9247453027** Collected: 07/01/09 06:25 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	**36200**	ug/L	25000	25000	1		07/08/09 20:17		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**47.5**	mg/L	1.0	1.0	1		07/09/09 15:08	7440-44-0	M0

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-7 **Lab ID: 9247453028** Collected: 07/01/09 12:30 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/14/09 17:18	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/14/09 17:18	74-85-1	
Methane	**7900**	ug/L	10.0	5.0	1		07/14/09 17:18	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010		Preparation Method: EPA 3010						
Antimony	ND	ug/L	6.0	2.6	1	07/09/09 09:10	07/09/09 18:20	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	07/09/09 09:10	07/09/09 18:20	7440-38-2	
Barium	**13.8J**	ug/L	100	0.20	1	07/09/09 09:10	07/09/09 18:20	7440-39-3	Z2
Beryllium	**0.16J**	ug/L	1.0	0.10	1	07/09/09 09:10	07/09/09 18:20	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/09/09 09:10	07/09/09 18:20	7440-43-9	
Chromium	**1.6J**	ug/L	10.0	0.40	1	07/09/09 09:10	07/10/09 15:19	7440-47-3	Z2
Cobalt	ND	ug/L	10.0	0.60	1	07/09/09 09:10	07/09/09 18:20	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	07/09/09 09:10	07/09/09 18:20	7440-50-8	
Iron	**36300**	ug/L	50.0	14.0	1	07/09/09 09:10	07/09/09 18:20	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	07/09/09 09:10	07/09/09 18:20	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	07/09/09 09:10	07/09/09 18:20	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/09/09 09:10	07/09/09 18:20	7782-49-2	
Silver	**0.63J**	ug/L	10.0	0.10	1	07/09/09 09:10	07/09/09 18:20	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	07/09/09 09:10	07/09/09 18:20	7440-28-0	
Vanadium	**1.7J**	ug/L	25.0	0.20	1	07/09/09 09:10	07/09/09 18:20	7440-62-2	
Zinc	**1.5J**	ug/L	10.0	0.40	1	07/09/09 09:10	07/09/09 18:20	7440-66-6	Z2
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470						
Mercury	ND	ug/L	0.20	0.070	1	07/09/09 15:47	07/11/09 12:36	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**10.0J**	ug/L	100	2.2	1		07/04/09 16:19	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 16:19	107-13-1	
Benzene	**3.3**	ug/L	1.0	0.25	1		07/04/09 16:19	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 16:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 16:19	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 16:19	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 16:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 16:19	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 16:19	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 16:19	56-23-5	
Chlorobenzene	**0.51J**	ug/L	3.0	0.23	1		07/04/09 16:19	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 16:19	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 16:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 16:19	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 16:19	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 16:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 16:19	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 16:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 16:19	95-50-1	
1,4-Dichlorobenzene	**0.97J**	ug/L	1.0	0.33	1		07/04/09 16:19	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-7 **Lab ID: 9247453028** Collected: 07/01/09 12:30 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 16:19	110-57-6	
1,1-Dichloroethane	**3.4J**	ug/L	5.0	0.32	1		07/04/09 16:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/04/09 16:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 16:19	75-35-4	
cis-1,2-Dichloroethene	**5.2**	ug/L	5.0	0.19	1		07/04/09 16:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 16:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 16:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 16:19	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 16:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 16:19	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 16:19	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/04/09 16:19	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 16:19	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 16:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 16:19	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 16:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 16:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 16:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 16:19	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 16:19	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 16:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 16:19	79-00-5	
Trichloroethene	**0.48J**	ug/L	1.0	0.47	1		07/04/09 16:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 16:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 16:19	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 16:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 16:19	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 16:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 16:19	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 16:19	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		07/04/09 16:19	460-00-4	
Dibromofluoromethane (S)	109	%	85-115		1		07/04/09 16:19	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120		1		07/04/09 16:19	17060-07-0	
Toluene-d8 (S)	102	%	70-120		1		07/04/09 16:19	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**214**	mg/L	5.0	5.0	1		07/07/09 16:30		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/07/09 11:46		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**16.6**	mg/L	5.0	5.0	1		07/08/09 13:04	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-7 **Lab ID: 9247453028** Collected: 07/01/09 12:30 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	ND	ug/L	25000	25000	1		07/08/09 20:17		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**9.0**	mg/L	1.0	1.0	1		07/09/09 15:08	7440-44-0	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-12 **Lab ID: 9247453029** Collected: 07/01/09 11:05 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/14/09 17:44	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/14/09 17:44	74-85-1	
Methane	**406**	ug/L	10.0	5.0	1		07/14/09 17:44	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010	Preparation Method: EPA 3010							
Antimony	ND	ug/L	6.0	2.6	1	07/09/09 09:10	07/09/09 18:24	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	07/09/09 09:10	07/09/09 18:24	7440-38-2	
Barium	**69.3J**	ug/L	100	0.20	1	07/09/09 09:10	07/09/09 18:24	7440-39-3	Z2
Beryllium	ND	ug/L	1.0	0.10	1	07/09/09 09:10	07/09/09 18:24	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/09/09 09:10	07/09/09 18:24	7440-43-9	
Chromium	**0.62J**	ug/L	10.0	0.40	1	07/09/09 09:10	07/09/09 18:24	7440-47-3	Z2
Cobalt	**7.5J**	ug/L	10.0	0.60	1	07/09/09 09:10	07/09/09 18:24	7440-48-4	Z2
Copper	**0.60J**	ug/L	10.0	0.30	1	07/09/09 09:10	07/09/09 18:24	7440-50-8	
Iron	**810**	ug/L	50.0	14.0	1	07/09/09 09:10	07/09/09 18:24	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	07/09/09 09:10	07/09/09 18:24	7439-92-1	
Nickel	**2.7J**	ug/L	50.0	1.7	1	07/09/09 09:10	07/09/09 18:24	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/09/09 09:10	07/09/09 18:24	7782-49-2	
Silver	**0.30J**	ug/L	10.0	0.10	1	07/09/09 09:10	07/09/09 18:24	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	07/09/09 09:10	07/09/09 18:24	7440-28-0	
Vanadium	**0.69J**	ug/L	25.0	0.20	1	07/09/09 09:10	07/09/09 18:24	7440-62-2	
Zinc	**6.4J**	ug/L	10.0	0.40	1	07/09/09 09:10	07/09/09 18:24	7440-66-6	Z2
7470 Mercury	Analytical Method: EPA 7470	Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	0.070	1	07/09/09 15:47	07/11/09 12:38	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/04/09 16:38	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 16:38	107-13-1	
Benzene	**6.0**	ug/L	1.0	0.25	1		07/04/09 16:38	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 16:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 16:38	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 16:38	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 16:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 16:38	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 16:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 16:38	56-23-5	
Chlorobenzene	**1.6J**	ug/L	3.0	0.23	1		07/04/09 16:38	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 16:38	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 16:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 16:38	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 16:38	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 16:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 16:38	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 16:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 16:38	95-50-1	
1,4-Dichlorobenzene	**6.9**	ug/L	1.0	0.33	1		07/04/09 16:38	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-12 **Lab ID: 9247453029** Collected: 07/01/09 11:05 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 16:38	110-57-6	
1,1-Dichloroethane	**3.8J**	ug/L	5.0	0.32	1		07/04/09 16:38	75-34-3	
1,2-Dichloroethane	**0.32J**	ug/L	1.0	0.12	1		07/04/09 16:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 16:38	75-35-4	
cis-1,2-Dichloroethene	**12.5**	ug/L	5.0	0.19	1		07/04/09 16:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 16:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 16:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 16:38	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 16:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 16:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 16:38	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/04/09 16:38	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 16:38	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 16:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 16:38	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 16:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 16:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 16:38	79-34-5	
Tetrachloroethene	**1.1**	ug/L	1.0	0.46	1		07/04/09 16:38	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 16:38	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 16:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 16:38	79-00-5	
Trichloroethene	**1.9**	ug/L	1.0	0.47	1		07/04/09 16:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 16:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 16:38	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 16:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 16:38	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 16:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 16:38	1330-20-7	
o-Xylene	**0.36J**	ug/L	1.0	0.23	1		07/04/09 16:38	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		07/04/09 16:38	460-00-4	
Dibromofluoromethane (S)	108	%	85-115		1		07/04/09 16:38	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120		1		07/04/09 16:38	17060-07-0	
Toluene-d8 (S)	102	%	70-120		1		07/04/09 16:38	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**50.9**	mg/L	5.0	5.0	1		07/07/09 16:31		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/07/09 11:46		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**6.4**	mg/L	5.0	5.0	1		07/08/09 13:04	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-12 **Lab ID: 9247453029** Collected: 07/01/09 11:05 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	**34800**	ug/L	25000	25000	1		07/08/09 20:17		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**13.9**	mg/L	1.0	1.0	1		07/09/09 15:08	7440-44-0	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-12D **Lab ID: 9247453030** Collected: 07/01/09 09:45 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/14/09 18:09	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/14/09 18:09	74-85-1	
Methane	**2820**	ug/L	10.0	5.0	1		07/14/09 18:09	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010	Preparation Method: EPA 3010							
Antimony	ND	ug/L	6.0	2.6	1	07/09/09 09:10	07/09/09 18:28	7440-36-0	
Arsenic	**4.5J**	ug/L	10.0	2.7	1	07/09/09 09:10	07/09/09 18:28	7440-38-2	
Barium	**14.2J**	ug/L	100	0.20	1	07/09/09 09:10	07/09/09 18:28	7440-39-3	Z2
Beryllium	ND	ug/L	1.0	0.10	1	07/09/09 09:10	07/09/09 18:28	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/09/09 09:10	07/09/09 18:28	7440-43-9	
Chromium	**1.0J**	ug/L	10.0	0.40	1	07/09/09 09:10	07/09/09 18:28	7440-47-3	Z2
Cobalt	ND	ug/L	10.0	0.60	1	07/09/09 09:10	07/09/09 18:28	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	07/09/09 09:10	07/09/09 18:28	7440-50-8	
Iron	**3140**	ug/L	50.0	14.0	1	07/09/09 09:10	07/09/09 18:28	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	07/09/09 09:10	07/09/09 18:28	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	07/09/09 09:10	07/09/09 18:28	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/09/09 09:10	07/09/09 18:28	7782-49-2	
Silver	**0.51J**	ug/L	10.0	0.10	1	07/09/09 09:10	07/09/09 18:28	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	07/09/09 09:10	07/09/09 18:28	7440-28-0	
Vanadium	**0.33J**	ug/L	25.0	0.20	1	07/09/09 09:10	07/09/09 18:28	7440-62-2	
Zinc	**6.4J**	ug/L	10.0	0.40	1	07/09/09 09:10	07/09/09 18:28	7440-66-6	Z2
7470 Mercury	Analytical Method: EPA 7470	Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	0.070	1	07/09/09 15:47	07/11/09 12:42	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/04/09 16:57	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 16:57	107-13-1	
Benzene	**0.65J**	ug/L	1.0	0.25	1		07/04/09 16:57	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 16:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 16:57	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 16:57	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 16:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 16:57	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 16:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 16:57	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		07/04/09 16:57	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 16:57	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 16:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 16:57	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 16:57	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 16:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 16:57	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 16:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 16:57	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/04/09 16:57	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-12D **Lab ID: 9247453030** Collected: 07/01/09 09:45 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 16:57	110-57-6	
1,1-Dichloroethane	**1.1J**	ug/L	5.0	0.32	1		07/04/09 16:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/04/09 16:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 16:57	75-35-4	
cis-1,2-Dichloroethene	**0.77J**	ug/L	5.0	0.19	1		07/04/09 16:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 16:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 16:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 16:57	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 16:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 16:57	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 16:57	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/04/09 16:57	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 16:57	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 16:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 16:57	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 16:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 16:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 16:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 16:57	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 16:57	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 16:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 16:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/04/09 16:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 16:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 16:57	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 16:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 16:57	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 16:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 16:57	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 16:57	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109		1		07/04/09 16:57	460-00-4	
Dibromofluoromethane (S)	108	%	85-115		1		07/04/09 16:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	79-120		1		07/04/09 16:57	17060-07-0	
Toluene-d8 (S)	102	%	70-120		1		07/04/09 16:57	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**350**	mg/L	5.0	5.0	1		07/07/09 16:31		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/07/09 11:46		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**429**	mg/L	55.0	55.0	11		07/08/09 17:00	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-12D **Lab ID: 9247453030** Collected: 07/01/09 09:45 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	ND	ug/L	25000	25000	1		07/08/09 20:17		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**10.4**	mg/L	1.0	1.0	1		07/09/09 15:08	7440-44-0	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-16 **Lab ID: 9247453031** Collected: 07/01/09 17:00 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/14/09 18:35	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/14/09 18:35	74-85-1	
Methane	**7490**	ug/L	10.0	5.0	1		07/14/09 18:35	74-82-8	
6010 ICP Groundwater	Analytical Method: EPA 6010		Preparation Method: EPA 3010						
Antimony	ND	ug/L	6.0	2.6	1	07/09/09 09:10	07/09/09 18:31	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	07/09/09 09:10	07/09/09 18:31	7440-38-2	
Barium	**39.2J**	ug/L	100	0.20	1	07/09/09 09:10	07/09/09 18:31	7440-39-3	Z2
Beryllium	ND	ug/L	1.0	0.10	1	07/09/09 09:10	07/09/09 18:31	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/09/09 09:10	07/09/09 18:31	7440-43-9	
Chromium	**1.4J**	ug/L	10.0	0.40	1	07/09/09 09:10	07/09/09 18:31	7440-47-3	Z2
Cobalt	**8.8J**	ug/L	10.0	0.60	1	07/09/09 09:10	07/09/09 18:31	7440-48-4	Z2
Copper	**1.9J**	ug/L	10.0	0.30	1	07/09/09 09:10	07/09/09 18:31	7440-50-8	
Iron	**889**	ug/L	50.0	14.0	1	07/09/09 09:10	07/09/09 18:31	7439-89-6	
Lead	ND	ug/L	10.0	4.0	1	07/09/09 09:10	07/09/09 18:31	7439-92-1	
Nickel	**4.0J**	ug/L	50.0	1.7	1	07/09/09 09:10	07/09/09 18:31	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/09/09 09:10	07/09/09 18:31	7782-49-2	
Silver	**0.29J**	ug/L	10.0	0.10	1	07/09/09 09:10	07/09/09 18:31	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	07/09/09 09:10	07/09/09 18:31	7440-28-0	
Vanadium	**1.6J**	ug/L	25.0	0.20	1	07/09/09 09:10	07/09/09 18:31	7440-62-2	
Zinc	**5.7J**	ug/L	10.0	0.40	1	07/09/09 09:10	07/09/09 18:31	7440-66-6	Z2
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470						
Mercury	**0.31**	ug/L	0.20	0.070	1	07/09/09 15:47	07/11/09 12:44	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**3.4J**	ug/L	100	2.2	1		07/04/09 17:16	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 17:16	107-13-1	
Benzene	**4.9**	ug/L	1.0	0.25	1		07/04/09 17:16	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 17:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 17:16	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 17:16	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 17:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 17:16	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 17:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 17:16	56-23-5	
Chlorobenzene	**0.63J**	ug/L	3.0	0.23	1		07/04/09 17:16	108-90-7	
Chloroethane	**0.90J**	ug/L	10.0	0.54	1		07/04/09 17:16	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 17:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 17:16	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 17:16	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 17:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 17:16	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 17:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 17:16	95-50-1	
1,4-Dichlorobenzene	**2.1**	ug/L	1.0	0.33	1		07/04/09 17:16	106-46-7	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-16 **Lab ID: 9247453031** Collected: 07/01/09 17:00 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 17:16	110-57-6	
1,1-Dichloroethane	**11.5**	ug/L	5.0	0.32	1		07/04/09 17:16	75-34-3	
1,2-Dichloroethane	**0.15J**	ug/L	1.0	0.12	1		07/04/09 17:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 17:16	75-35-4	
cis-1,2-Dichloroethene	**17.2**	ug/L	5.0	0.19	1		07/04/09 17:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 17:16	156-60-5	
1,2-Dichloropropane	**0.58J**	ug/L	1.0	0.27	1		07/04/09 17:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 17:16	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 17:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 17:16	10061-02-6	
Ethylbenzene	**0.34J**	ug/L	1.0	0.30	1		07/04/09 17:16	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/04/09 17:16	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 17:16	74-88-4	
Methylene Chloride	**2.0**	ug/L	2.0	0.97	1		07/04/09 17:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 17:16	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 17:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 17:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 17:16	79-34-5	
Tetrachloroethene	**2.1**	ug/L	1.0	0.46	1		07/04/09 17:16	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 17:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 17:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 17:16	79-00-5	
Trichloroethene	**2.5**	ug/L	1.0	0.47	1		07/04/09 17:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 17:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 17:16	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 17:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 17:16	75-01-4	
Xylene (Total)	**2.1J**	ug/L	5.0	0.66	1		07/04/09 17:16	1330-20-7	
m&p-Xylene	**1.3J**	ug/L	2.0	0.66	1		07/04/09 17:16	1330-20-7	
o-Xylene	**0.79J**	ug/L	1.0	0.23	1		07/04/09 17:16	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		07/04/09 17:16	460-00-4	
Dibromofluoromethane (S)	107	%	85-115		1		07/04/09 17:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120		1		07/04/09 17:16	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		07/04/09 17:16	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**23.8**	mg/L	5.0	5.0	1		07/07/09 16:31		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		07/07/09 11:40		
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	ND	mg/L	5.0	5.0	1		07/08/09 13:04	16887-00-6	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-16 **Lab ID: 9247453031** Collected: 07/01/09 17:00 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D								
Chemical Oxygen Demand	ND	ug/L	25000	25000	1		07/09/09 16:27		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**9.6**	mg/L	1.0	1.0	1		07/09/09 15:08	7440-44-0	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: EB **Lab ID: 9247453032** Collected: 06/30/09 08:05 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	07/09/09 09:10	07/09/09 18:44	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	07/09/09 09:10	07/09/09 18:44	7440-38-2	
Barium	ND	ug/L	100	0.20	1	07/09/09 09:10	07/09/09 18:44	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	07/09/09 09:10	07/09/09 18:44	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	07/09/09 09:10	07/09/09 18:44	7440-43-9	
Chromium	ND	ug/L	10.0	0.40	1	07/09/09 09:10	07/09/09 18:44	7440-47-3	
Cobalt	**1.4J**	ug/L	10.0	0.60	1	07/09/09 09:10	07/09/09 18:44	7440-48-4	Z2
Copper	**0.36J**	ug/L	10.0	0.30	1	07/09/09 09:10	07/09/09 18:44	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	07/09/09 09:10	07/09/09 18:44	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	07/09/09 09:10	07/09/09 18:44	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	07/09/09 09:10	07/09/09 18:44	7782-49-2	
Silver	**0.20J**	ug/L	10.0	0.10	1	07/09/09 09:10	07/09/09 18:44	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	07/09/09 09:10	07/09/09 18:44	7440-28-0	
Vanadium	ND	ug/L	25.0	0.20	1	07/09/09 09:10	07/09/09 18:44	7440-62-2	
Zinc	ND	ug/L	10.0	0.40	1	07/09/09 09:10	07/09/09 18:44	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	07/09/09 15:47	07/11/09 12:47	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**7.8J**	ug/L	100	2.2	1		07/04/09 17:35	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 17:35	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		07/04/09 17:35	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 17:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 17:35	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 17:35	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 17:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 17:35	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 17:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 17:35	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		07/04/09 17:35	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 17:35	75-00-3	
Chloroform	**0.70J**	ug/L	5.0	0.14	1		07/04/09 17:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 17:35	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 17:35	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 17:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 17:35	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 17:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 17:35	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/04/09 17:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 17:35	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		07/04/09 17:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/04/09 17:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 17:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		07/04/09 17:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 17:35	156-60-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: EB **Lab ID: 9247453032** Collected: 06/30/09 08:05 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 17:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 17:35	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 17:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 17:35	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 17:35	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/04/09 17:35	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 17:35	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 17:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 17:35	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 17:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 17:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 17:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 17:35	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 17:35	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 17:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 17:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/04/09 17:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 17:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 17:35	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 17:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 17:35	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 17:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 17:35	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 17:35	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		07/04/09 17:35	460-00-4	
Dibromofluoromethane (S)	108	%	85-115		1		07/04/09 17:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	79-120		1		07/04/09 17:35	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		07/04/09 17:35	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: FB **Lab ID: 9247453033** Collected: 06/30/09 08:10 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**9.0J**	ug/L	100	2.2	1		07/04/09 17:53	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 17:53	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		07/04/09 17:53	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 17:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 17:53	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 17:53	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 17:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 17:53	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 17:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 17:53	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		07/04/09 17:53	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 17:53	75-00-3	
Chloroform	**0.76J**	ug/L	5.0	0.14	1		07/04/09 17:53	67-66-3	
Chloromethane	**0.28J**	ug/L	1.0	0.11	1		07/04/09 17:53	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 17:53	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 17:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 17:53	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 17:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 17:53	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/04/09 17:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 17:53	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		07/04/09 17:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/04/09 17:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 17:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		07/04/09 17:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 17:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 17:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 17:53	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 17:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 17:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 17:53	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/04/09 17:53	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 17:53	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 17:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 17:53	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 17:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 17:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 17:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 17:53	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 17:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 17:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 17:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/04/09 17:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 17:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 17:53	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 17:53	108-05-4	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: FB **Lab ID: 9247453033** Collected: 06/30/09 08:10 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 17:53	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 17:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 17:53	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 17:53	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109		1		07/04/09 17:53	460-00-4	
Dibromofluoromethane (S)	109	%	85-115		1		07/04/09 17:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120		1		07/04/09 17:53	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		07/04/09 17:53	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: TB **Lab ID: 9247453034** Collected: 06/30/09 00:00 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		07/04/09 18:12	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		07/04/09 18:12	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		07/04/09 18:12	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		07/04/09 18:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		07/04/09 18:12	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		07/04/09 18:12	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		07/04/09 18:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		07/04/09 18:12	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		07/04/09 18:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/04/09 18:12	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		07/04/09 18:12	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		07/04/09 18:12	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		07/04/09 18:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		07/04/09 18:12	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		07/04/09 18:12	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		07/04/09 18:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		07/04/09 18:12	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		07/04/09 18:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		07/04/09 18:12	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		07/04/09 18:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		07/04/09 18:12	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		07/04/09 18:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		07/04/09 18:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		07/04/09 18:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		07/04/09 18:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		07/04/09 18:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/04/09 18:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		07/04/09 18:12	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		07/04/09 18:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		07/04/09 18:12	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		07/04/09 18:12	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		07/04/09 18:12	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		07/04/09 18:12	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		07/04/09 18:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		07/04/09 18:12	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		07/04/09 18:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		07/04/09 18:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		07/04/09 18:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		07/04/09 18:12	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		07/04/09 18:12	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		07/04/09 18:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		07/04/09 18:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		07/04/09 18:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		07/04/09 18:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		07/04/09 18:12	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		07/04/09 18:12	108-05-4	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: TB **Lab ID: 9247453034** Collected: 06/30/09 00:00 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Vinyl chloride	ND	ug/L	1.0	0.62	1		07/04/09 18:12	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		07/04/09 18:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		07/04/09 18:12	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		07/04/09 18:12	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109		1		07/04/09 18:12	460-00-4	
Dibromofluoromethane (S)	108	%	85-115		1		07/04/09 18:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	79-120		1		07/04/09 18:12	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		07/04/09 18:12	2037-26-5	

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ANALYTICAL RESULTS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

Sample: MW-18 **Lab ID: 9247453035** Collected: 07/01/09 07:00 Received: 07/02/09 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175								
Ethane	ND	ug/L	10.0	5.0	1		07/14/09 19:01	74-84-0	
Ethene	ND	ug/L	10.0	5.0	1		07/14/09 19:01	74-85-1	
Methane	ND	ug/L	10.0	5.0	1		07/14/09 19:01	74-82-8	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WET/8860
QC Batch Method: SM 4500-S2D
Analysis Method: SM 4500-S2D
Analysis Description: 4500S2D Sulfide Water
Associated Lab Samples: 9247453018

METHOD BLANK: 302021
Matrix: Water
Associated Lab Samples: 9247453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	06/30/09 17:39	

LABORATORY CONTROL SAMPLE: 302022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	1	1.0	101	90-110	

MATRIX SPIKE SAMPLE: 302023

Parameter	Units	9247357001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.12	1	0.24	12	75-125	M0

MATRIX SPIKE SAMPLE: 302024

Parameter	Units	9247357002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	ND	1	0.14	10	75-125	M0

SAMPLE DUPLICATE: 302025

Parameter	Units	9247431016 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 302026

Parameter	Units	9247431017 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WETA/5421 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031

METHOD BLANK: 304885 Matrix: Water
Associated Lab Samples: 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	5.0	07/08/09 13:04	

LABORATORY CONTROL SAMPLE: 304886

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	19.7	98	90-110	

MATRIX SPIKE SAMPLE: 304887

Parameter	Units	9247453026 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	17.6	20	36.4	94	75-125	

SAMPLE DUPLICATE: 304889

Parameter	Units	9247453027 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WETA/5424 | Analysis Method: SM 5220D
QC Batch Method: SM 5220D | Analysis Description: 5220D COD
Associated Lab Samples: 9247453031

METHOD BLANK: 305421 | Matrix: Water
Associated Lab Samples: 9247453031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	ug/L	ND	25000	07/09/09 16:27	

LABORATORY CONTROL SAMPLE: 305422

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	ug/L	750000	694000	93	90-110	

MATRIX SPIKE SAMPLE: 305437

Parameter	Units	9247453031 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	ug/L	ND	750000	740000	96	75-125	

MATRIX SPIKE SAMPLE: 305438

Parameter	Units	9247409001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	ug/L	56.8 mg/L	750000	767000	95	75-125	

SAMPLE DUPLICATE: 305439

Parameter	Units	9247437001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	ug/L	4040 mg/L	4950000	20	20	

SAMPLE DUPLICATE: 305440

Parameter	Units	9247909001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	ug/L	620 mg/L	631000	2	20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WETA/5377
QC Batch Method: ASTM D516-90
Analysis Method: ASTM D516-90
Analysis Description: ASTM D516-90 Sulfate Water
Associated Lab Samples: 9247453018

METHOD BLANK: 301670
Matrix: Water
Associated Lab Samples: 9247453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	ug/L	ND	5000	07/02/09 08:59	

LABORATORY CONTROL SAMPLE: 301671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	20000	18900	95	90-110	

MATRIX SPIKE SAMPLE: 301672

Parameter	Units	9247423003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	123 mg/L	20000	149000	127	75-125	M0

MATRIX SPIKE SAMPLE: 301673

Parameter	Units	9247423004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	9.7 mg/L	20000	30100	102	75-125	

SAMPLE DUPLICATE: 301674

Parameter	Units	9247453018 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	ug/L	54900	56700	3	20	

SAMPLE DUPLICATE: 301675

Parameter	Units	9247473001 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	ug/L	19.7 mg/L	19400	1	20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: MERP/2245 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

METHOD BLANK: 302859 Matrix: Water
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	07/02/09 16:13	

LABORATORY CONTROL SAMPLE: 302860

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.7	109	80-120	

MATRIX SPIKE SAMPLE: 302861

Parameter	Units	9247689004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	2.5	2.9	116	75-125	

SAMPLE DUPLICATE: 302862

Parameter	Units	9247660005 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	ND		25	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WET/8914 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031

METHOD BLANK: 304243 Matrix: Water
Associated Lab Samples: 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	07/07/09 16:24	

LABORATORY CONTROL SAMPLE: 304244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.5	105	90-110	

SAMPLE DUPLICATE: 304245

Parameter	Units	9247772004 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	134	141	5	20	

SAMPLE DUPLICATE: 304247

Parameter	Units	9247431014 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	73.6	81.2	10	20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WETA/5375
QC Batch Method: SM 5220D
Analysis Method: SM 5220D
Analysis Description: 5220D COD
Associated Lab Samples: 9247453018

METHOD BLANK: 301485
Matrix: Water
Associated Lab Samples: 9247453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	ug/L	ND	25000	07/01/09 11:17	

LABORATORY CONTROL SAMPLE: 301486

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	ug/L	750000	694000	92	90-110	

MATRIX SPIKE SAMPLE: 301487

Parameter	Units	9247387001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	ug/L	444 mg/L	750000	1140000	93	75-125	

MATRIX SPIKE SAMPLE: 301496

Parameter	Units	9247082001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	ug/L	116 mg/L	750000	827000	95	75-125	

SAMPLE DUPLICATE: 301495

Parameter	Units	9247310001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	ug/L	2940 mg/L	2720000	8	20	

SAMPLE DUPLICATE: 301497

Parameter	Units	9247084001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	ug/L	118 mg/L	114000	4	20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WET/8911 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

METHOD BLANK: 303868 Matrix: Water
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	07/06/09 17:12	

LABORATORY CONTROL SAMPLE: 303869

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.2	104	90-110	

SAMPLE DUPLICATE: 303870

Parameter	Units	9247660003 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	6.7	6.7	0	20	

SAMPLE DUPLICATE: 303872

Parameter	Units	9247453024 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	144	131	10	20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: MERP/2254 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031, 9247453032

METHOD BLANK: 305069 Matrix: Water
Associated Lab Samples: 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031, 9247453032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	07/11/09 12:11	

LABORATORY CONTROL SAMPLE: 305070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.3	93	80-120	

MATRIX SPIKE SAMPLE: 305071

Parameter	Units	9247453026 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	2.5	1.5	61	75-125	M0

SAMPLE DUPLICATE: 305072

Parameter	Units	9247453027 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	ND		25	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: MPRP/4706 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031, 9247453032

METHOD BLANK: 305107 Matrix: Water
Associated Lab Samples: 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031, 9247453032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	6.0	07/09/09 17:59	
Arsenic	ug/L	ND	10.0	07/09/09 17:59	
Barium	ug/L	0.43J	100	07/09/09 17:59	
Beryllium	ug/L	ND	1.0	07/09/09 17:59	
Cadmium	ug/L	ND	1.0	07/09/09 17:59	
Chromium	ug/L	0.75J	10.0	07/10/09 15:12	
Cobalt	ug/L	1.3J	10.0	07/09/09 17:59	
Copper	ug/L	ND	10.0	07/09/09 17:59	
Lead	ug/L	ND	10.0	07/09/09 17:59	
Nickel	ug/L	ND	50.0	07/10/09 15:12	
Selenium	ug/L	4.4J	10.0	07/09/09 17:59	
Silver	ug/L	ND	10.0	07/09/09 17:59	
Thallium	ug/L	ND	5.5	07/09/09 17:59	
Vanadium	ug/L	ND	25.0	07/09/09 17:59	
Zinc	ug/L	2.6J	10.0	07/09/09 17:59	

LABORATORY CONTROL SAMPLE: 305108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	502	100	80-120	
Arsenic	ug/L	500	494	99	80-120	
Barium	ug/L	500	507	101	80-120	
Beryllium	ug/L	500	528	106	80-120	
Cadmium	ug/L	500	494	99	80-120	
Chromium	ug/L	500	506	101	80-120	
Cobalt	ug/L	500	507	101	80-120	
Copper	ug/L	500	511	102	80-120	
Lead	ug/L	500	496	99	80-120	
Nickel	ug/L	500	515	103	80-120	
Selenium	ug/L	500	487	97	80-120	
Silver	ug/L	250	253	101	80-120	
Thallium	ug/L	500	481	96	80-120	
Vanadium	ug/L	500	514	103	80-120	
Zinc	ug/L	500	503	101	80-120	

MATRIX SPIKE SAMPLE: 305109

Parameter	Units	9247453026 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	523	104	75-125	
Arsenic	ug/L	3.0J	500	521	104	75-125	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

MATRIX SPIKE SAMPLE: 305109

Parameter	Units	9247453026 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	50.8J	500	565	103	75-125	
Beryllium	ug/L	ND	500	543	109	75-125	
Cadmium	ug/L	ND	500	506	101	75-125	
Chromium	ug/L	6.4J	500	523	103	75-125	
Cobalt	ug/L	3.5J	500	511	102	75-125	
Copper	ug/L	6.9J	500	539	106	75-125	
Lead	ug/L	20.4	500	516	99	75-125	
Nickel	ug/L	24.6J	500	538	103	75-125	
Selenium	ug/L	ND	500	518	103	75-125	
Silver	ug/L	0.75J	250	263	105	75-125	
Thallium	ug/L	ND	500	482	96	75-125	
Vanadium	ug/L	4.0J	500	530	105	75-125	
Zinc	ug/L	15.5	500	534	104	75-125	

SAMPLE DUPLICATE: 305110

Parameter	Units	9247453027 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	ND	ND		25	
Arsenic	ug/L	ND	ND		25	
Barium	ug/L	77.2J	76.4J	1	25	
Beryllium	ug/L	0.75J	0.68J		25	
Cadmium	ug/L	ND	ND		25	
Chromium	ug/L	1.9J	1.6J		25	
Cobalt	ug/L	ND	ND		25	
Copper	ug/L	4.4J	4.4J		25	
Lead	ug/L	ND	ND		25	
Nickel	ug/L	ND	ND		25	
Selenium	ug/L	ND	ND		25	
Silver	ug/L	0.68J	0.66J		25	
Thallium	ug/L	3.1J	ND		25	
Vanadium	ug/L	4.6J	4.4J		25	
Zinc	ug/L	23.2	21.6	7	25	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WETA/5429 Analysis Method: SM 5310B
QC Batch Method: SM 5310B Analysis Description: 5310B TOC
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025, 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031

METHOD BLANK: 305474 Matrix: Water
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025, 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	07/09/09 15:08	

LABORATORY CONTROL SAMPLE: 305475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	26.3	105	90-110	

MATRIX SPIKE SAMPLE: 305476

Parameter	Units	9247453019 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	11.9	25	38.1	105	75-125	

MATRIX SPIKE SAMPLE: 305479

Parameter	Units	9247453027 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	47.5	25	31.8	-63	75-125	M0

SAMPLE DUPLICATE: 305477

Parameter	Units	9247453020 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	21.0	20.8	1	20	

SAMPLE DUPLICATE: 305478

Parameter	Units	9247453026 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	18.3	17.8	3	20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: AIR/8816 Analysis Method: RSK 175
QC Batch Method: RSK 175 Analysis Description: RSK 175 AIR HEADSPACE
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

METHOD BLANK: 647536 Matrix: Water
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	ND	10.0	07/10/09 20:35	
Ethene	ug/L	ND	10.0	07/10/09 20:35	
Methane	ug/L	ND	10.0	07/10/09 20:35	

LABORATORY CONTROL SAMPLE & LCSD: 647537 647538

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	114	94.3	92.5	83	81	70-130	2	30	
Ethene	ug/L	106	87.4	82.4	82	78	70-130	6	30	
Methane	ug/L	60.7	51.0	45.4	84	75	70-130	11	30	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 647539 647540

Parameter	Units	9247671004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	ND	109	114	64.4	60.4	59	53	50-150	6	30	1g
Ethene	ug/L	ND	102	106	64.6	61.0	63	57	50-150	6	30	1g
Methane	ug/L	ND	58.2	60.7	49.4	42.1	80	65	50-150	16	30	2g

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WET/8833
QC Batch Method: SM 5210B
Analysis Method: SM 5210B
Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 9247453018

METHOD BLANK: 300871
Matrix: Water
Associated Lab Samples: 9247453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	07/02/09 11:15	B3

LABORATORY CONTROL SAMPLE: 300872

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	229	116	84-115	B3

SAMPLE DUPLICATE: 300873

Parameter	Units	9247387001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	102	170	50	20	B3,R1

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WET/8836
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Associated Lab Samples: 9247453018

METHOD BLANK: 300986
Matrix: Water
Associated Lab Samples: 9247453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	06/30/09 10:00	

LABORATORY CONTROL SAMPLE: 300987

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	48.8	98	90-110	

SAMPLE DUPLICATE: 300988

Parameter	Units	9247453018 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 300989

Parameter	Units	9247129001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	169	174	3	20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: MSV/7496 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9247453001, 9247453002, 9247453003, 9247453004, 9247453005, 9247453006, 9247453007, 9247453008, 9247453009, 9247453010, 9247453011, 9247453012, 9247453013, 9247453014, 9247453015

METHOD BLANK: 301300 Matrix: Water
Associated Lab Samples: 9247453001, 9247453002, 9247453003, 9247453004, 9247453005, 9247453006, 9247453007, 9247453008, 9247453009, 9247453010, 9247453011, 9247453012, 9247453013, 9247453014, 9247453015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	06/29/09 18:48	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/29/09 18:48	
1,1,2,2-Tetrachloroethane	ug/L	ND	3.0	06/29/09 18:48	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/29/09 18:48	
1,1-Dichloroethane	ug/L	ND	5.0	06/29/09 18:48	
1,1-Dichloroethene	ug/L	ND	5.0	06/29/09 18:48	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/29/09 18:48	
1,2-Dibromo-3-chloropropane	ug/L	ND	13.0	06/29/09 18:48	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/29/09 18:48	
1,2-Dichlorobenzene	ug/L	ND	5.0	06/29/09 18:48	
1,2-Dichloroethane	ug/L	ND	1.0	06/29/09 18:48	
1,2-Dichloropropane	ug/L	ND	1.0	06/29/09 18:48	
1,3-Dichloropropane	ug/L	ND	1.0	06/29/09 18:48	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/29/09 18:48	
2-Butanone (MEK)	ug/L	ND	100	06/29/09 18:48	
2-Hexanone	ug/L	ND	50.0	06/29/09 18:48	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	06/29/09 18:48	
Acetone	ug/L	ND	100	06/29/09 18:48	
Acrylonitrile	ug/L	ND	200	06/29/09 18:48	
Benzene	ug/L	ND	1.0	06/29/09 18:48	
Bromochloromethane	ug/L	ND	3.0	06/29/09 18:48	
Bromodichloromethane	ug/L	ND	1.0	06/29/09 18:48	
Bromoform	ug/L	ND	3.0	06/29/09 18:48	
Bromomethane	ug/L	ND	10.0	06/29/09 18:48	
Carbon disulfide	ug/L	ND	100	06/29/09 18:48	
Carbon tetrachloride	ug/L	ND	1.0	06/29/09 18:48	
Chlorobenzene	ug/L	ND	3.0	06/29/09 18:48	
Chloroethane	ug/L	ND	10.0	06/29/09 18:48	
Chloroform	ug/L	ND	5.0	06/29/09 18:48	
Chloromethane	ug/L	ND	1.0	06/29/09 18:48	
cis-1,2-Dichloroethene	ug/L	ND	5.0	06/29/09 18:48	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/29/09 18:48	
Dibromochloromethane	ug/L	ND	3.0	06/29/09 18:48	
Dibromomethane	ug/L	ND	10.0	06/29/09 18:48	
Ethylbenzene	ug/L	ND	1.0	06/29/09 18:48	
Iodomethane	ug/L	ND	10.0	06/29/09 18:48	
m&p-Xylene	ug/L	ND	2.0	06/29/09 18:48	
Methylene Chloride	ug/L	ND	2.0	06/29/09 18:48	
o-Xylene	ug/L	ND	1.0	06/29/09 18:48	
Styrene	ug/L	ND	1.0	06/29/09 18:48	
Tetrachloroethene	ug/L	ND	1.0	06/29/09 18:48	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

METHOD BLANK: 301300 Matrix: Water

Associated Lab Samples: 9247453001, 9247453002, 9247453003, 9247453004, 9247453005, 9247453006, 9247453007, 9247453008, 9247453009, 9247453010, 9247453011, 9247453012, 9247453013, 9247453014, 9247453015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Toluene	ug/L	ND	1.0	06/29/09 18:48	
trans-1,2-Dichloroethene	ug/L	ND	5.0	06/29/09 18:48	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/29/09 18:48	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	06/29/09 18:48	
Trichloroethene	ug/L	ND	1.0	06/29/09 18:48	
Trichlorofluoromethane	ug/L	ND	1.0	06/29/09 18:48	
Vinyl acetate	ug/L	ND	50.0	06/29/09 18:48	
Vinyl chloride	ug/L	ND	1.0	06/29/09 18:48	
Xylene (Total)	ug/L	ND	5.0	06/29/09 18:48	
1,2-Dichloroethane-d4 (S)	%	99	79-120	06/29/09 18:48	
4-Bromofluorobenzene (S)	%	97	87-109	06/29/09 18:48	
Dibromofluoromethane (S)	%	106	85-115	06/29/09 18:48	
Toluene-d8 (S)	%	97	70-120	06/29/09 18:48	

LABORATORY CONTROL SAMPLE: 301301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.8	102	83-125	
1,1,1-Trichloroethane	ug/L	50	59.8	120	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	51.2	102	73-127	
1,1,2-Trichloroethane	ug/L	50	51.0	102	77-123	
1,1-Dichloroethane	ug/L	50	67.3	135	76-129	L0
1,1-Dichloroethene	ug/L	50	54.0	108	78-146	
1,2,3-Trichloropropane	ug/L	50	49.7	99	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	49.7	99	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	49.8	100	81-125	
1,2-Dichlorobenzene	ug/L	50	51.3	103	82-126	
1,2-Dichloroethane	ug/L	50	55.8	112	72-126	
1,2-Dichloropropane	ug/L	50	53.2	106	80-127	
1,3-Dichloropropane	ug/L	50	49.5	99	79-124	
1,4-Dichlorobenzene	ug/L	50	50.0	100	79-125	
2-Butanone (MEK)	ug/L	100	105	105	50-134	
2-Hexanone	ug/L	100	111	111	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	70-131	
Acetone	ug/L	100	105	105	50-146	
Acrylonitrile	ug/L	250	205	82	66-124	
Benzene	ug/L	50	52.1	104	78-128	
Bromochloromethane	ug/L	50	48.2	96	73-124	
Bromodichloromethane	ug/L	50	51.0	102	81-125	
Bromoform	ug/L	50	52.2	104	71-125	
Bromomethane	ug/L	50	53.9	108	50-150	
Carbon disulfide	ug/L	50	49.8J	100	54-150	
Carbon tetrachloride	ug/L	50	56.8	114	81-137	
Chlorobenzene	ug/L	50	50.1	100	82-126	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

LABORATORY CONTROL SAMPLE: 301301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	50	48.8	98	69-140	
Chloroform	ug/L	50	53.2	106	77-129	
Chloromethane	ug/L	50	48.6	97	54-139	
cis-1,2-Dichloroethene	ug/L	50	53.5	107	76-133	
cis-1,3-Dichloropropene	ug/L	50	54.4	109	76-127	
Dibromochloromethane	ug/L	50	49.9	100	77-125	
Dibromomethane	ug/L	50	53.0	106	77-125	
Ethylbenzene	ug/L	50	51.5	103	80-127	
Iodomethane	ug/L	100	105	105	65-172	
m&p-Xylene	ug/L	100	104	104	82-127	
Methylene Chloride	ug/L	50	63.2	126	67-133	
o-Xylene	ug/L	50	53.0	106	83-124	
Styrene	ug/L	50	53.6	107	80-130	
Tetrachloroethene	ug/L	50	49.0	98	78-128	
Toluene	ug/L	50	51.3	103	76-126	
trans-1,2-Dichloroethene	ug/L	50	50.0	100	78-134	
trans-1,3-Dichloropropene	ug/L	50	55.5	111	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	60.3J	121	51-140	
Trichloroethene	ug/L	50	51.0	102	79-127	
Trichlorofluoromethane	ug/L	50	49.2	98	76-148	
Vinyl acetate	ug/L	100	104	104	50-150	
Vinyl chloride	ug/L	50	48.3	97	67-143	
Xylene (Total)	ug/L	150	157	105	83-125	
1,2-Dichloroethane-d4 (S)	%			109	79-120	
4-Bromofluorobenzene (S)	%			96	87-109	
Dibromofluoromethane (S)	%			101	85-115	
Toluene-d8 (S)	%			101	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 301302 301303

Parameter	Units	9247453015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	56.9	57.6	114	115	60-150	1	30	
Benzene	ug/L	1.1	50	50	52.3	52.7	102	103	74-136	1	30	
Chlorobenzene	ug/L	0.76J	50	50	51.9	53.5	102	105	79-135	3	30	
Toluene	ug/L	ND	50	50	48.8	49.3	98	99	73-131	1	30	
Trichloroethene	ug/L	ND	50	50	51.9	52.4	104	105	73-131	1	30	
1,2-Dichloroethane-d4 (S)	%						93	93	79-120			
4-Bromofluorobenzene (S)	%						102	103	87-109			
Dibromofluoromethane (S)	%						98	100	85-115			
Toluene-d8 (S)	%						97	96	70-120			

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WETA/5382
QC Batch Method: SM 5310B
Analysis Method: SM 5310B
Analysis Description: 5310B TOC
Associated Lab Samples: 9247453018

METHOD BLANK: 301812
Matrix: Water
Associated Lab Samples: 9247453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	06/30/09 16:00	

LABORATORY CONTROL SAMPLE: 301813

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	26.3	105	90-110	

MATRIX SPIKE SAMPLE: 301814

Parameter	Units	9247348001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	2.8	25	29.7	107	75-125	

MATRIX SPIKE SAMPLE: 301815

Parameter	Units	9247348002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	3.8	25	31.2	110	75-125	

SAMPLE DUPLICATE: 301816

Parameter	Units	9247348003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	7.6	7.5	1	20	

SAMPLE DUPLICATE: 301851

Parameter	Units	9247423001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	30.2	30.3	0	20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: MPRP/4684 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

METHOD BLANK: 302898 Matrix: Water
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	6.0	07/06/09 18:56	
Arsenic	ug/L	ND	10.0	07/06/09 18:56	
Barium	ug/L	ND	100	07/06/09 18:56	
Beryllium	ug/L	ND	1.0	07/06/09 18:56	
Cadmium	ug/L	ND	1.0	07/06/09 18:56	
Chromium	ug/L	ND	10.0	07/06/09 18:56	
Cobalt	ug/L	ND	10.0	07/06/09 18:56	
Copper	ug/L	ND	10.0	07/06/09 18:56	
Iron	ug/L	ND	50.0	07/06/09 18:56	
Lead	ug/L	ND	10.0	07/06/09 18:56	
Nickel	ug/L	ND	50.0	07/06/09 18:56	
Selenium	ug/L	ND	10.0	07/06/09 18:56	
Silver	ug/L	0.30J	10.0	07/06/09 18:56	
Thallium	ug/L	ND	5.5	07/06/09 18:56	
Vanadium	ug/L	ND	25.0	07/06/09 18:56	
Zinc	ug/L	ND	10.0	07/06/09 18:56	

LABORATORY CONTROL SAMPLE: 302899

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	551	110	80-120	
Arsenic	ug/L	500	526	105	80-120	
Barium	ug/L	500	540	108	80-120	
Beryllium	ug/L	500	548	110	80-120	
Cadmium	ug/L	500	527	105	80-120	
Chromium	ug/L	500	549	110	80-120	
Cobalt	ug/L	500	548	110	80-120	
Copper	ug/L	500	548	110	80-120	
Iron	ug/L	5000	5610	112	80-120	
Lead	ug/L	500	524	105	80-120	
Nickel	ug/L	500	539	108	80-120	
Selenium	ug/L	500	527	105	80-120	
Silver	ug/L	250	257	103	80-120	
Thallium	ug/L	500	499	100	80-120	
Vanadium	ug/L	500	540	108	80-120	
Zinc	ug/L	500	544	109	80-120	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

MATRIX SPIKE SAMPLE: 302900

Parameter	Units	9247384005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	562	112	75-125	
Arsenic	ug/L	ND	500	537	107	75-125	
Barium	ug/L	18.8	500	564	109	75-125	
Beryllium	ug/L	ND	500	562	112	75-125	
Cadmium	ug/L	ND	500	532	106	75-125	
Chromium	ug/L	ND	500	564	113	75-125	
Cobalt	ug/L	13.4	500	571	112	75-125	
Copper	ug/L	ND	500	560	112	75-125	
Iron	ug/L	3900	5000	9430	111	75-125	
Lead	ug/L	ND	500	520	104	75-125	
Nickel	ug/L	ND	500	549	109	75-125	
Selenium	ug/L	ND	500	526	105	75-125	
Silver	ug/L	ND	250	259	103	75-125	
Thallium	ug/L	ND	500	491	98	75-125	
Vanadium	ug/L	ND	500	554	111	75-125	
Zinc	ug/L	ND	500	559	111	75-125	

SAMPLE DUPLICATE: 302901

Parameter	Units	9247694001 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	ND	ND		25	
Arsenic	ug/L	ND	ND		25	
Barium	ug/L	31.2J	ND		25	
Beryllium	ug/L	0.14J	0.19J		25	
Cadmium	ug/L	ND	ND		25	
Chromium	ug/L	1.4J	ND		25	
Cobalt	ug/L	ND	ND		25	
Copper	ug/L	1.0J	ND		25	
Iron	ug/L	1220	ND		25	
Lead	ug/L	ND	ND		25	
Nickel	ug/L	ND	ND		25	
Selenium	ug/L	ND	ND		25	
Silver	ug/L	0.34J	0.24J		25	
Thallium	ug/L	3.6J	ND		25	
Vanadium	ug/L	2.0J	0.34J		25	
Zinc	ug/L	6.0J	ND		25	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WETA/5400 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

METHOD BLANK: 303355 Matrix: Water
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	5.0	07/02/09 14:39	

LABORATORY CONTROL SAMPLE: 303356

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	19.8	99	90-110	

MATRIX SPIKE SAMPLE: 303357

Parameter	Units	9247394001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	97.0	20	116	93	75-125	

SAMPLE DUPLICATE: 303358

Parameter	Units	9247654002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	mg/L	200	202	1	20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WET/8893 Analysis Method: SM 4500-S2D
QC Batch Method: SM 4500-S2D Analysis Description: 4500S2D Sulfide Water
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

METHOD BLANK: 303389 Matrix: Water
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	07/02/09 19:24	

LABORATORY CONTROL SAMPLE: 303390

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	1	1.1	105	90-110	

MATRIX SPIKE SAMPLE: 303391

Parameter	Units	9247660003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	ND	1	0.38	30	75-125	M0

SAMPLE DUPLICATE: 303392

Parameter	Units	9247660004 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: MERP/2241 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 9247453001, 9247453002, 9247453003, 9247453004, 9247453005, 9247453006, 9247453007, 9247453008, 9247453009, 9247453010, 9247453011, 9247453012, 9247453013, 9247453014, 9247453015, 9247453016, 9247453017, 9247453018

METHOD BLANK: 301244 Matrix: Water
Associated Lab Samples: 9247453001, 9247453002, 9247453003, 9247453004, 9247453005, 9247453006, 9247453007, 9247453008, 9247453009, 9247453010, 9247453011, 9247453012, 9247453013, 9247453014, 9247453015, 9247453016, 9247453017, 9247453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	06/30/09 15:59	

LABORATORY CONTROL SAMPLE: 301245

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

MATRIX SPIKE SAMPLE: 301246

Parameter	Units	9247453001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.085J	2.5	1.9	73	75-125	M0

SAMPLE DUPLICATE: 301247

Parameter	Units	9247453002 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	1.1	1.1	2	25	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WETA/5362
QC Batch Method: SM 4500-Cl-E
Analysis Method: SM 4500-Cl-E
Analysis Description: 4500 Chloride
Associated Lab Samples: 9247453018

METHOD BLANK: 300878
Matrix: Water
Associated Lab Samples: 9247453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	5.0	06/27/09 09:40	

LABORATORY CONTROL SAMPLE: 300879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	19.4	97	90-110	

MATRIX SPIKE SAMPLE: 300888

Parameter	Units	9247423001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	29.2	20	48.7	98	75-125	

SAMPLE DUPLICATE: 300889

Parameter	Units	9247423002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	mg/L	6.3	6.1	2	20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WET/8913 Analysis Method: SM 4500-S2D
QC Batch Method: SM 4500-S2D Analysis Description: 4500S2D Sulfide Water
Associated Lab Samples: 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031

METHOD BLANK: 304229 Matrix: Water
Associated Lab Samples: 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	07/07/09 11:46	

LABORATORY CONTROL SAMPLE: 304230

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	1	1.0	102	90-110	

MATRIX SPIKE SAMPLE: 304231

Parameter	Units	9247453026 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	ND	1	ND	6	75-125	M0

SAMPLE DUPLICATE: 304232

Parameter	Units	9247453027 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WETA/5418 Analysis Method: SM 5220D
QC Batch Method: SM 5220D Analysis Description: 5220D COD
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025, 9247453026, 9247453027, 9247453028, 9247453029, 9247453030

METHOD BLANK: 304601 Matrix: Water
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025, 9247453026, 9247453027, 9247453028, 9247453029, 9247453030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	ug/L	ND	25000	07/08/09 20:17	

LABORATORY CONTROL SAMPLE: 304602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	ug/L	750000	692000	92	90-110	

MATRIX SPIKE SAMPLE: 304603

Parameter	Units	9247453019 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	ug/L	30100	750000	760000	97	75-125	

MATRIX SPIKE SAMPLE: 304604

Parameter	Units	9247453020 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	ug/L	31600	750000	764000	98	75-125	

SAMPLE DUPLICATE: 304605

Parameter	Units	9247453021 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	ug/L	37700	28900	26	20	R1

SAMPLE DUPLICATE: 304606

Parameter	Units	9247453022 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: AIR/8829 Analysis Method: RSK 175
QC Batch Method: RSK 175 Analysis Description: RSK 175 AIR HEADSPACE
Associated Lab Samples: 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031, 9247453035

METHOD BLANK: 649127 Matrix: Water
Associated Lab Samples: 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031, 9247453035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	ND	10.0	07/14/09 16:02	
Ethene	ug/L	ND	10.0	07/14/09 16:02	
Methane	ug/L	ND	10.0	07/14/09 16:02	

LABORATORY CONTROL SAMPLE & LCSD: 649128 649129

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	114	98.0	116	86	102	70-130	17	30	
Ethene	ug/L	106	94.4	106	89	100	70-130	11	30	
Methane	ug/L	60.7	59.8	59.8	99	99	70-130	0	30	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WETA/5359
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 9247453018

METHOD BLANK: 300855
Matrix: Water
Associated Lab Samples: 9247453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	ug/L	ND	100	06/27/09 01:35	

LABORATORY CONTROL SAMPLE: 300856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	ug/L	5000	5270	105	90-110	

MATRIX SPIKE SAMPLE: 300857

Parameter	Units	9247457003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	ug/L	258 mg/L	5000	263000	107	90-110	

MATRIX SPIKE SAMPLE: 300858

Parameter	Units	9247431019 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	ug/L	ND	5000	4010	80	90-110	M0

SAMPLE DUPLICATE: 300859

Parameter	Units	9247431017 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	ug/L	1.4 mg/L	1400	1	20	

SAMPLE DUPLICATE: 300860

Parameter	Units	9247431021 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	ug/L	0.18 mg/L	180	0	20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: MPRP/4668 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater

Associated Lab Samples: 9247453001, 9247453002, 9247453003, 9247453004, 9247453005, 9247453006, 9247453007, 9247453008, 9247453009, 9247453010, 9247453011, 9247453012, 9247453013, 9247453014, 9247453015, 9247453016, 9247453017, 9247453018

METHOD BLANK: 301223 | Matrix: Water

Associated Lab Samples: 9247453001, 9247453002, 9247453003, 9247453004, 9247453005, 9247453006, 9247453007, 9247453008, 9247453009, 9247453010, 9247453011, 9247453012, 9247453013, 9247453014, 9247453015, 9247453016, 9247453017, 9247453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	6.0	07/01/09 00:52	
Arsenic	ug/L	ND	10.0	07/01/09 00:52	
Barium	ug/L	ND	100	07/01/09 00:52	
Beryllium	ug/L	ND	1.0	07/01/09 00:52	
Cadmium	ug/L	ND	1.0	07/01/09 00:52	
Chromium	ug/L	ND	10.0	07/01/09 00:52	
Cobalt	ug/L	3.8J	10.0	07/01/09 00:52	
Copper	ug/L	ND	10.0	07/01/09 00:52	
Lead	ug/L	ND	10.0	07/01/09 00:52	
Nickel	ug/L	ND	50.0	07/01/09 00:52	
Selenium	ug/L	ND	10.0	07/01/09 00:52	
Silver	ug/L	0.16J	10.0	07/01/09 00:52	
Thallium	ug/L	ND	5.5	07/01/09 00:52	
Vanadium	ug/L	ND	25.0	07/01/09 00:52	
Zinc	ug/L	ND	10.0	07/01/09 00:52	

LABORATORY CONTROL SAMPLE: 301224

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	494	99	80-120	
Arsenic	ug/L	500	480	96	80-120	
Barium	ug/L	500	488	98	80-120	
Beryllium	ug/L	500	483	97	80-120	
Cadmium	ug/L	500	479	96	80-120	
Chromium	ug/L	500	479	96	80-120	
Cobalt	ug/L	500	491	98	80-120	
Copper	ug/L	500	485	97	80-120	
Lead	ug/L	500	487	97	80-120	
Nickel	ug/L	500	485	97	80-120	
Selenium	ug/L	500	477	95	80-120	
Silver	ug/L	250	245	98	80-120	
Thallium	ug/L	500	463	93	80-120	
Vanadium	ug/L	500	485	97	80-120	
Zinc	ug/L	500	481	96	80-120	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

MATRIX SPIKE SAMPLE: 301225

Parameter	Units	9247453001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	506	101	75-125	
Arsenic	ug/L	ND	500	505	101	75-125	
Barium	ug/L	52.7J	500	550	99	75-125	
Beryllium	ug/L	ND	500	497	99	75-125	
Cadmium	ug/L	ND	500	481	96	75-125	
Chromium	ug/L	5.6J	500	494	98	75-125	
Cobalt	ug/L	59.0	500	539	96	75-125	
Copper	ug/L	9.0J	500	520	102	75-125	
Lead	ug/L	ND	500	470	94	75-125	
Nickel	ug/L	11.7J	500	498	97	75-125	
Selenium	ug/L	ND	500	496	99	75-125	
Silver	ug/L	0.49J	250	252	101	75-125	
Thallium	ug/L	3.1J	500	452	90	75-125	
Vanadium	ug/L	5.6J	500	505	100	75-125	
Zinc	ug/L	83.0	500	586	101	75-125	

SAMPLE DUPLICATE: 301226

Parameter	Units	9247453002 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	ND	ND		25	
Arsenic	ug/L	ND	ND		25	
Barium	ug/L	67.6J	73.2J	8	25	
Beryllium	ug/L	ND	ND		25	
Cadmium	ug/L	ND	ND		25	
Chromium	ug/L	ND	ND		25	
Cobalt	ug/L	82.3	91.9	11	25	
Copper	ug/L	2.4J	2.9J		25	
Lead	ug/L	ND	ND		25	
Nickel	ug/L	7.3J	7.8J	6	25	
Selenium	ug/L	ND	ND		25	
Silver	ug/L	ND	0.32J		25	
Thallium	ug/L	ND	ND		25	
Vanadium	ug/L	ND	ND		25	
Zinc	ug/L	14.5	15.9	9	25	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: MSV/7510 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9247453016, 9247453017, 9247453018

METHOD BLANK: 301829 Matrix: Water
Associated Lab Samples: 9247453016, 9247453017, 9247453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	07/01/09 03:39	
1,1,1-Trichloroethane	ug/L	ND	1.0	07/01/09 03:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	3.0	07/01/09 03:39	
1,1,2-Trichloroethane	ug/L	ND	1.0	07/01/09 03:39	
1,1-Dichloroethane	ug/L	ND	5.0	07/01/09 03:39	
1,1-Dichloroethene	ug/L	ND	5.0	07/01/09 03:39	
1,2,3-Trichloropropane	ug/L	ND	1.0	07/01/09 03:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	13.0	07/01/09 03:39	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	07/01/09 03:39	
1,2-Dichlorobenzene	ug/L	ND	5.0	07/01/09 03:39	
1,2-Dichloroethane	ug/L	ND	1.0	07/01/09 03:39	
1,2-Dichloropropane	ug/L	ND	1.0	07/01/09 03:39	
1,3-Dichloropropane	ug/L	ND	1.0	07/01/09 03:39	
1,4-Dichlorobenzene	ug/L	ND	1.0	07/01/09 03:39	
2-Butanone (MEK)	ug/L	ND	100	07/01/09 03:39	
2-Hexanone	ug/L	ND	50.0	07/01/09 03:39	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	07/01/09 03:39	
Acetone	ug/L	ND	100	07/01/09 03:39	
Acrylonitrile	ug/L	ND	200	07/01/09 03:39	
Benzene	ug/L	ND	1.0	07/01/09 03:39	
Bromochloromethane	ug/L	ND	3.0	07/01/09 03:39	
Bromodichloromethane	ug/L	ND	1.0	07/01/09 03:39	
Bromoform	ug/L	ND	3.0	07/01/09 03:39	
Bromomethane	ug/L	ND	10.0	07/01/09 03:39	
Carbon disulfide	ug/L	ND	100	07/01/09 03:39	
Carbon tetrachloride	ug/L	ND	1.0	07/01/09 03:39	
Chlorobenzene	ug/L	ND	3.0	07/01/09 03:39	
Chloroethane	ug/L	ND	10.0	07/01/09 03:39	
Chloroform	ug/L	ND	5.0	07/01/09 03:39	
Chloromethane	ug/L	ND	1.0	07/01/09 03:39	
cis-1,2-Dichloroethene	ug/L	ND	5.0	07/01/09 03:39	
cis-1,3-Dichloropropene	ug/L	ND	1.0	07/01/09 03:39	
Dibromochloromethane	ug/L	ND	3.0	07/01/09 03:39	
Dibromomethane	ug/L	ND	10.0	07/01/09 03:39	
Ethylbenzene	ug/L	ND	1.0	07/01/09 03:39	
Iodomethane	ug/L	ND	10.0	07/01/09 03:39	
m&p-Xylene	ug/L	ND	2.0	07/01/09 03:39	
Methylene Chloride	ug/L	ND	2.0	07/01/09 03:39	
o-Xylene	ug/L	ND	1.0	07/01/09 03:39	
Styrene	ug/L	ND	1.0	07/01/09 03:39	
Tetrachloroethene	ug/L	ND	1.0	07/01/09 03:39	
Toluene	ug/L	ND	1.0	07/01/09 03:39	
trans-1,2-Dichloroethene	ug/L	ND	5.0	07/01/09 03:39	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

METHOD BLANK: 301829 Matrix: Water

Associated Lab Samples: 9247453016, 9247453017, 9247453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	1.0	07/01/09 03:39	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	07/01/09 03:39	
Trichloroethene	ug/L	ND	1.0	07/01/09 03:39	
Trichlorofluoromethane	ug/L	ND	1.0	07/01/09 03:39	
Vinyl acetate	ug/L	ND	50.0	07/01/09 03:39	
Vinyl chloride	ug/L	ND	1.0	07/01/09 03:39	
Xylene (Total)	ug/L	ND	5.0	07/01/09 03:39	
1,2-Dichloroethane-d4 (S)	%	93	79-120	07/01/09 03:39	
4-Bromofluorobenzene (S)	%	104	87-109	07/01/09 03:39	
Dibromofluoromethane (S)	%	102	85-115	07/01/09 03:39	
Toluene-d8 (S)	%	97	70-120	07/01/09 03:39	

LABORATORY CONTROL SAMPLE: 301830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.4	101	83-125	
1,1,1-Trichloroethane	ug/L	50	60.7	121	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	46.1	92	73-127	
1,1,2-Trichloroethane	ug/L	50	52.3	105	77-123	
1,1-Dichloroethane	ug/L	50	68.6	137	76-129	L0
1,1-Dichloroethene	ug/L	50	55.7	111	78-146	
1,2,3-Trichloropropane	ug/L	50	49.7	99	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	46.1	92	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	51.5	103	81-125	
1,2-Dichlorobenzene	ug/L	50	49.3	99	82-126	
1,2-Dichloroethane	ug/L	50	54.2	108	72-126	
1,2-Dichloropropane	ug/L	50	52.4	105	80-127	
1,3-Dichloropropane	ug/L	50	50.6	101	79-124	
1,4-Dichlorobenzene	ug/L	50	48.4	97	79-125	
2-Butanone (MEK)	ug/L	100	110	110	50-134	
2-Hexanone	ug/L	100	110	110	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	70-131	
Acetone	ug/L	100	103	103	50-146	
Acrylonitrile	ug/L	250	264	106	66-124	
Benzene	ug/L	50	52.1	104	78-128	
Bromochloromethane	ug/L	50	49.9	100	73-124	
Bromodichloromethane	ug/L	50	50.1	100	81-125	
Bromoform	ug/L	50	47.7	95	71-125	
Bromomethane	ug/L	50	43.2	86	50-150	
Carbon disulfide	ug/L	50	39.9J	80	54-150	
Carbon tetrachloride	ug/L	50	53.4	107	81-137	
Chlorobenzene	ug/L	50	51.3	103	82-126	
Chloroethane	ug/L	50	46.3	93	69-140	
Chloroform	ug/L	50	53.6	107	77-129	
Chloromethane	ug/L	50	52.3	105	54-139	

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(704)875-9092

QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

LABORATORY CONTROL SAMPLE: 301830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	55.4	111	76-133	
cis-1,3-Dichloropropene	ug/L	50	47.0	94	76-127	
Dibromochloromethane	ug/L	50	48.7	97	77-125	
Dibromomethane	ug/L	50	55.3	111	77-125	
Ethylbenzene	ug/L	50	50.6	101	80-127	
Iodomethane	ug/L	100	88.3	88	65-172	
m&p-Xylene	ug/L	100	102	102	82-127	
Methylene Chloride	ug/L	50	66.3	133	67-133	
o-Xylene	ug/L	50	51.0	102	83-124	
Styrene	ug/L	50	54.5	109	80-130	
Tetrachloroethene	ug/L	50	50.8	102	78-128	
Toluene	ug/L	50	50.1	100	76-126	
trans-1,2-Dichloroethene	ug/L	50	51.3	103	78-134	
trans-1,3-Dichloropropene	ug/L	50	47.6	95	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	41.0J	82	51-140	
Trichloroethene	ug/L	50	54.3	109	79-127	
Trichlorofluoromethane	ug/L	50	49.2	98	76-148	
Vinyl acetate	ug/L	100	53.7	54	50-150	
Vinyl chloride	ug/L	50	49.1	98	67-143	
Xylene (Total)	ug/L	150	153	102	83-125	
1,2-Dichloroethane-d4 (S)	%			106	79-120	
4-Bromofluorobenzene (S)	%			99	87-109	
Dibromofluoromethane (S)	%			103	85-115	
Toluene-d8 (S)	%			98	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 301831 301832

Parameter	Units	9247453018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	85.3	79.5	171	159	60-150	7	30	C8,M0
Benzene	ug/L	ND	50	50	51.2	61.8	102	124	74-136	19	30	
Chlorobenzene	ug/L	ND	50	50	48.0	58.4	96	117	79-135	19	30	
Toluene	ug/L	ND	50	50	50.4	59.0	101	118	73-131	16	30	
Trichloroethene	ug/L	ND	50	50	50.1	59.7	100	119	73-131	18	30	
1,2-Dichloroethane-d4 (S)	%						103	97	79-120			
4-Bromofluorobenzene (S)	%						93	95	87-109			
Dibromofluoromethane (S)	%						108	107	85-115			
Toluene-d8 (S)	%						99	98	70-120			

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: WETA/5397 Analysis Method: ASTM D516-90
QC Batch Method: ASTM D516-90 Analysis Description: ASTM D516-90 Sulfate Water
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

METHOD BLANK: 303133 Matrix: Water
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	ug/L	ND	5000	07/02/09 12:00	

LABORATORY CONTROL SAMPLE: 303134

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	20000	20500	103	90-110	

MATRIX SPIKE SAMPLE: 303135

Parameter	Units	9247660003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	19.5 mg/L	20000	37000	88	75-125	

MATRIX SPIKE SAMPLE: 303136

Parameter	Units	9247660004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	ND	20000	25200	109	75-125	

SAMPLE DUPLICATE: 303137

Parameter	Units	9247660005 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	ug/L	18.6 mg/L	17500	6	20	

SAMPLE DUPLICATE: 303138

Parameter	Units	9247660006 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	ug/L	20.3 mg/L	18700	8	20	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

QC Batch: MSV/7547 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025, 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031, 9247453032, 9247453033, 9247453034

METHOD BLANK: 303766 Matrix: Water
Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025, 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031, 9247453032, 9247453033, 9247453034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	07/04/09 10:30	
1,1,1-Trichloroethane	ug/L	ND	1.0	07/04/09 10:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	3.0	07/04/09 10:30	
1,1,2-Trichloroethane	ug/L	ND	1.0	07/04/09 10:30	
1,1-Dichloroethane	ug/L	ND	5.0	07/04/09 10:30	
1,1-Dichloroethene	ug/L	ND	5.0	07/04/09 10:30	
1,2,3-Trichloropropane	ug/L	ND	1.0	07/04/09 10:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	13.0	07/04/09 10:30	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	07/04/09 10:30	
1,2-Dichlorobenzene	ug/L	ND	5.0	07/04/09 10:30	
1,2-Dichloroethane	ug/L	ND	1.0	07/04/09 10:30	
1,2-Dichloropropane	ug/L	ND	1.0	07/04/09 10:30	
1,3-Dichloropropane	ug/L	ND	1.0	07/04/09 10:30	
1,4-Dichlorobenzene	ug/L	ND	1.0	07/04/09 10:30	
2-Butanone (MEK)	ug/L	ND	100	07/04/09 10:30	
2-Hexanone	ug/L	ND	50.0	07/04/09 10:30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	07/04/09 10:30	
Acetone	ug/L	ND	100	07/04/09 10:30	
Acrylonitrile	ug/L	ND	200	07/04/09 10:30	
Benzene	ug/L	ND	1.0	07/04/09 10:30	
Bromochloromethane	ug/L	ND	3.0	07/04/09 10:30	
Bromodichloromethane	ug/L	ND	1.0	07/04/09 10:30	
Bromoform	ug/L	ND	3.0	07/04/09 10:30	
Bromomethane	ug/L	ND	10.0	07/04/09 10:30	
Carbon disulfide	ug/L	ND	100	07/04/09 10:30	
Carbon tetrachloride	ug/L	ND	1.0	07/04/09 10:30	
Chlorobenzene	ug/L	ND	3.0	07/04/09 10:30	
Chloroethane	ug/L	ND	10.0	07/04/09 10:30	
Chloroform	ug/L	ND	5.0	07/04/09 10:30	
Chloromethane	ug/L	ND	1.0	07/04/09 10:30	
cis-1,2-Dichloroethene	ug/L	ND	5.0	07/04/09 10:30	
cis-1,3-Dichloropropene	ug/L	ND	1.0	07/04/09 10:30	
Dibromochloromethane	ug/L	ND	3.0	07/04/09 10:30	
Dibromomethane	ug/L	ND	10.0	07/04/09 10:30	
Ethylbenzene	ug/L	ND	1.0	07/04/09 10:30	
Iodomethane	ug/L	ND	10.0	07/04/09 10:30	
m&p-Xylene	ug/L	ND	2.0	07/04/09 10:30	
Methylene Chloride	ug/L	2.4	2.0	07/04/09 10:30	C9
o-Xylene	ug/L	ND	1.0	07/04/09 10:30	
Styrene	ug/L	ND	1.0	07/04/09 10:30	
Tetrachloroethene	ug/L	ND	1.0	07/04/09 10:30	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

METHOD BLANK: 303766 Matrix: Water

Associated Lab Samples: 9247453019, 9247453020, 9247453021, 9247453022, 9247453023, 9247453024, 9247453025, 9247453026, 9247453027, 9247453028, 9247453029, 9247453030, 9247453031, 9247453032, 9247453033, 9247453034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Toluene	ug/L	ND	1.0	07/04/09 10:30	
trans-1,2-Dichloroethene	ug/L	ND	5.0	07/04/09 10:30	
trans-1,3-Dichloropropene	ug/L	ND	1.0	07/04/09 10:30	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	07/04/09 10:30	
Trichloroethene	ug/L	ND	1.0	07/04/09 10:30	
Trichlorofluoromethane	ug/L	ND	1.0	07/04/09 10:30	
Vinyl acetate	ug/L	ND	50.0	07/04/09 10:30	
Vinyl chloride	ug/L	ND	1.0	07/04/09 10:30	
Xylene (Total)	ug/L	ND	5.0	07/04/09 10:30	
1,2-Dichloroethane-d4 (S)	%	105	79-120	07/04/09 10:30	
4-Bromofluorobenzene (S)	%	97	87-109	07/04/09 10:30	
Dibromofluoromethane (S)	%	106	85-115	07/04/09 10:30	
Toluene-d8 (S)	%	101	70-120	07/04/09 10:30	

LABORATORY CONTROL SAMPLE: 303767

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.9	104	83-125	
1,1,1-Trichloroethane	ug/L	50	60.3	121	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	50.5	101	73-127	
1,1,2-Trichloroethane	ug/L	50	52.8	106	77-123	
1,1-Dichloroethane	ug/L	50	67.9	136	76-129	L0
1,1-Dichloroethene	ug/L	50	55.2	110	78-146	
1,2,3-Trichloropropane	ug/L	50	50.6	101	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	47.4	95	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	53.6	107	81-125	
1,2-Dichlorobenzene	ug/L	50	53.9	108	82-126	
1,2-Dichloroethane	ug/L	50	53.3	107	72-126	
1,2-Dichloropropane	ug/L	50	53.4	107	80-127	
1,3-Dichloropropane	ug/L	50	53.6	107	79-124	
1,4-Dichlorobenzene	ug/L	50	52.7	105	79-125	
2-Butanone (MEK)	ug/L	100	103	103	50-134	
2-Hexanone	ug/L	100	102	102	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	91.5J	91	70-131	
Acetone	ug/L	100	99.7J	100	50-146	
Acrylonitrile	ug/L	250	276	111	66-124	
Benzene	ug/L	50	53.4	107	78-128	
Bromochloromethane	ug/L	50	57.1	114	73-124	
Bromodichloromethane	ug/L	50	50.6	101	81-125	
Bromoform	ug/L	50	49.1	98	71-125	
Bromomethane	ug/L	50	70.7	141	50-150	
Carbon disulfide	ug/L	50	51.8J	104	54-150	
Carbon tetrachloride	ug/L	50	56.7	113	81-137	
Chlorobenzene	ug/L	50	54.8	110	82-126	

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QUALITY CONTROL DATA

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

LABORATORY CONTROL SAMPLE: 303767

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	50	46.3	93	69-140	
Chloroform	ug/L	50	56.7	113	77-129	
Chloromethane	ug/L	50	42.9	86	54-139	
cis-1,2-Dichloroethene	ug/L	50	53.7	107	76-133	
cis-1,3-Dichloropropene	ug/L	50	48.3	97	76-127	
Dibromochloromethane	ug/L	50	51.9	104	77-125	
Dibromomethane	ug/L	50	56.1	112	77-125	
Ethylbenzene	ug/L	50	53.5	107	80-127	
Iodomethane	ug/L	100	108	108	65-172	
m&p-Xylene	ug/L	100	108	108	82-127	
Methylene Chloride	ug/L	50	63.4	127	67-133	
o-Xylene	ug/L	50	54.0	108	83-124	
Styrene	ug/L	50	49.2	98	80-130	
Tetrachloroethene	ug/L	50	54.3	109	78-128	
Toluene	ug/L	50	51.1	102	76-126	
trans-1,2-Dichloroethene	ug/L	50	51.9	104	78-134	
trans-1,3-Dichloropropene	ug/L	50	46.9	94	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	53.4J	107	51-140	
Trichloroethene	ug/L	50	52.8	106	79-127	
Trichlorofluoromethane	ug/L	50	47.8	96	76-148	
Vinyl acetate	ug/L	100	64.2	64	50-150	
Vinyl chloride	ug/L	50	47.8	96	67-143	
Xylene (Total)	ug/L	150	162	108	83-125	
1,2-Dichloroethane-d4 (S)	%			99	79-120	
4-Bromofluorobenzene (S)	%			102	87-109	
Dibromofluoromethane (S)	%			102	85-115	
Toluene-d8 (S)	%			99	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 303768 303769

Parameter	Units	9247453031 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	55.5	76.4	111	153	60-150	32	30	M0,R1
Benzene	ug/L	4.9	50	50	55.7	74.8	102	140	74-136	29	30	M0
Chlorobenzene	ug/L	0.63J	50	50	48.9	66.1	97	131	79-135	30	30	
Toluene	ug/L	ND	50	50	47.8	65.6	95	131	73-131	31	30	R1
Trichloroethene	ug/L	2.5	50	50	48.2	64.5	91	124	73-131	29	30	
1,2-Dichloroethane-d4 (S)	%						104	104	79-120			
4-Bromofluorobenzene (S)	%						100	96	87-109			
Dibromofluoromethane (S)	%						104	105	85-115			
Toluene-d8 (S)	%						100	100	70-120			

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QUALIFIERS

Project: ALEXANDER CO. CLOASED MSMWLF
Pace Project No.: 9247453

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

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

LABORATORIES

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

ANALYTE QUALIFIERS

1g	True RPD is 10%.
2g	True RPD is 21%.
B3	The dissolved oxygen depletion of the dilution water blank exceeded 0.2 mg/L.
C8	Result may be biased high due to carryover from previously analyzed sample.
C9	Common Laboratory Contaminant.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
R1	RPD value was outside control limits.
Z2	Analyte present in the associated method blank above the detection limit.

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PARTIAL Set of Samples, Combine w/ Samples to be submitted Later for 1 Report.

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1167032

Section A Required Client Information:

Company: Municipal Engineering Services
Address: PO Box 97
Garner NC 27529
Email To: jpfohl@mesco.com
Phone: (919)772-5393 Fax: 919)772-1176
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Jonathan Pfohl
Copy To:
Purchase Order No.:
Project Name: Alexander Co. Closed MSWLF & Active C&DLF
Project Number:

Section C Invoice Information:

Attention: see Section A
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: ~~23~~ 2103-7

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N): Analysis Test: 8260 VOAs All I; Metals All I; Mercury

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	8260 VOAs All I	Metals All I	Mercury	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1	WT	G			6/25/09	2:30		4			1	3						N				9247453 001
2	MW-1B					6/24/09	4:35																002
3	MW-2					6/24/09	3:00																003
4	MW-4R					6/24/09	1:00																004
5	MW-9					6/24/09	1:35																005
6	MW-10					6/24/09	12:00																006
7	MW-14					6/24/09	3:40																007
8	MW-15					6/25/09	8:30																008
9	MW-17					6/25/09	10:55																009
10	MW-19					6/25/09	1:50																010
11	MW-20					6/25/09	12:05																011
12	MW-21					6/25/09	11:35																012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
				pace c/t	6/26/09	14:12	
	pace c/t	6/26/09	15:15	[illegible] Pace	6/26/09	15:15	4.0

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jonathan Pfohl

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 6/25/09

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

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

Combine w/ Samples to Be submitted in the Future for Reporting.

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CHAIN-OF-CUSTODY / Analytical Request Document

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

1167034

Section A Required Client Information:

Company: Municipal Engineering Services
Address: PO Box 97
Garner NC 27529
Email To: jpfohl@mesco.com
Phone: (919) 772-5373 Fax: (919) 772-1176
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Jonathan Pfohl
Copy To:
Purchase Order No.:
Project Name: Alexander Co. closed landfill & Active CH&DLF
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 2103-7

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH (Ash, Acetate)	$Na_2S_2O_3$	Methanol	Other Phosphate	Analysis Test Y/N	8260 VOC App I	Metals App I	Mercury	VFA	Alkalinity	Chloride	Sulfate	Sulfide	Nitrate	BOD	TOC	COD	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-22	WT	G			6/25/09	10:10		4			1	3						X	X	X											013
2	MW-23	↓	↓			6/25/09	9:10		↓			↓	↓						↓	↓	↓											014
3	SW-3	↓	↓			6/24/09	2:10		↓			↓	↓						↓	↓	↓											015
4	SW-4R	↓	↓			6/25/09	9:30		↓			↓	↓						↓	↓	↓											016
5	SW-5	↓	↓			6/24/09	12:25		4			1	3						↓	↓	↓											017
6	MW-18	WT	G			6/25/09	3:45		12	3	3	1	3	1					X	X	X	X	→	→	→	→	→	→	→	→		018
7																																
8																																
9																																
10																																
11																																
12																																

9247453

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
				Pace	6/26/09	14:12				
	Pace	6/26/09	15:15	Pace	6/26/09	15:15	6.9	yes	no	yes

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jon Pfohl

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 6/25/09

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

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

Combine w/ samples from C-O-C 1167034 & 1167032 Plus others to be submitted later in a single report

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

1167033

Section A Required Client Information:

Company: Municipal Engineering Services
Address: PO Box 97
Garner NC 27529
Email To: jpfohl@mesco.com
Phone: (919)772-5393 Fax: (919)772-1176
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Jonathan Pfohl
Copy To:
Purchase Order No.:
Project Name: Alexander Co. Closed MSWLF & Active CDLF
Project Number:

Section C Invoice Information:

Attention: See Section A
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Bonnie
Pace Profile #: 2103-7

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH & Zn Acetate	$Na_2S_2O_3$	Methanol	Other Phosphoric Acid	Analysis Test (Y/N)	8260 VOCs App I	Metals App I + Hg	VFA	Alkalinity	Chloride	Sulfate	Methane/Ethane/Ethene	Hydrogen (Dissolved)	Sulfide	TOC	Nitrate	BOD & COD	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-6	WT	G			6/30/09	2:00		17	5	3	1	6	1			1		X	X	X	X	X	X	X	X	X	X	X	X	N	019
2	MW-11	↓	↓			↓	5:30		17	5	3	1	6	1			1		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	020
3	MW-13						12:10		17	5	3	1	6	1			1															021
4	~~MW-16~~ ~~MW-24~~ MW-24						3:40		17	5	3	1	6	1			1															022
5	MW-25						8:35																									023
6	MW-26						11:05																									024
7	MW-27	↓	↓			↓	9:55		↓	↓	↓	↓	↓	↓			↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	025
8																																
9																																
10																																
11																																
12																																

9247453

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
MW-25 - Hydrogen vials 1 w/15ml & 1 w/10ml (they are labeled) Relay info. to microseeps	[signature]	7/1/09	7:50	[signature]	7/1/09	750	3.7	yes	no	yes
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jonathan Pfohl

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/31/09

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

Final chain combine w/ 1167033, 1167034, 1167032 submitted previously. Report all 4 C-O-C's in a single Report.

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

1167031

Section A Required Client Information:

Company: Municipal Engineering Service (MESCO)
Address: PO Box 97
Garner NC 27529
Email To: jpfohl@mesco.com
Phone: (919) 772-5393 Fax: (919) 772-1176
Requested Due Date/TAT: Standing

Section B Required Project Information:

Report To: Jonathan Pfohl
Copy To:
Purchase Order No.:
Project Name: Alexander Co. Closed MSWLF & Active C&D LF
Project Number:

Section C Invoice Information:

Attention: See Section A
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Bonnie
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N): N

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH & Zn Acetate	$Na_2S_2O_3$	Methanol	Other	Analysis Test: 8260B VOAs App I	Metals App I + Hg	VFA	Alkalinity	Chloride	Sulfate	Sulfide	RSK 175 Methane/Ethane/Ethene	Hydrogen (Dissolved)	TOC	Nitrate	BOD & COD	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92447453
1	MW-3 A&E	WT	G			7/1/09	3:15		17	5	3	1	6	1			1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N	026
2	MW-5					7/1/09	6:25		16	4	3	1	6	1			1														027
3	MW-7						12:30																								028
4	MW-12						11:05																								029
5	MW-12D						9:45																								030
6	MW-16						5:00																								031
7	~~MW-18~~						~~7:00PM~~																								
8	EB	WT	G			6/30/09	8:05		4			1	3					✓	✓												032
9	FB					6/30/09	8:10		3				3					✓													033
10	TB (PACE Filled						PACE Filled		2				2					✓													034
11	MW-18 A&E	WT	G			7/1/09	7:00PM		4	1			3												✓	✓					035
12																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
EB & FB - Food Lion Distilled H_2O		7/1/09	9:00	Bonnie McKee Pace	7/1/09	9:06				
EB - D. Baker	Bonnie McKee Pace	7/2/09	10:10	[illegible]	7/2/09	1010	3.7	4	N	4

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Jonathan Pfohl
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 7/1/09

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

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Municipal Project # 9247453

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

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

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

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

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

Cooler Temperature 3.7 Biological Tissue is Frozen: Yes No N/A

Date and Initials of person examining contents: SMM - GT 7/1/09 7/1/09

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☑No ☐N/A	ph of MW11 sulfide = 7
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	ph of MW24 sulfide = 10
		Initial when completed
Samples checked for dechlorination:	☑Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☑Yes ☐No ☐N/A	15. vial - B260 - MW27
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): N/A		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: BKM Date: 7/1/09

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

Pace Analytical

Sample Condition Upon Receipt

Client Name: Municipale Project # 9247453

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

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

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

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

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

Cooler Temperature 3.7 Biological Tissue is Frozen: Yes No (N/A)

Temp should be above freezing to 6°C

Date and Initials of person examining contents: JBB 7/02/09

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

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: BKM Date: 7/2/09

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Municipal Project # 92447453

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

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

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

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

Cooler Temperature 6.0 Biological Tissue is Frozen: Yes No N/A

Temp should be above freezing to 6°C

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

Date and Initials of person examining contents: VMM 6/26/09

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. p.1 Analysis section not filled out. 8260 / metals for <?1.
-Includes date/time/ID/Analysis Matrix:_____		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☑Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☑Yes ☐No ☐N/A	15. 1 vial MW17
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): N/A		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: BKM Date: 6/29/09

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