DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

EarthCon Consultants of North Carolina, P.C.

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

Name: Peter E. Ramsey Phone: 770-973-2100 ext. 2882

E-mail: pramsey@earthcon.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
International Paper Company Low Ground Landfill Roanoke Rapids, NC	Kapstone Mill 100 Gaston Road Roanoke Rapid, NC	42 03	.0500	November 5, 2014

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.

Peter E. Ramsey — Senior Geologist — 770-973-2100 ext. 2882

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

Peter E. Ramsey — 1/5/15

Signature — Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 2107 GEOLOGIST PETER E. RAMSEY

1880 West Oak Parkway, Building 100, Suite 106, Marietta, Georgia 30062

Facility Representative Address

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

Revised 6/2009

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JAN 13 2015
SOLID WASTE SECTION

January 12, 2015

Mr. Don Heardon
Compliance Unit
NCDENR-DVM, Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

RE: Facility Permit # 4203
Low Ground Landfill Semi-annual Environmental Monitoring Report
Roanoke Rapids, NC
EarthCon Consultants of North Carolina, P.C. Project No. 25.20090383.14

Dear Mr. Heardon;

On behalf of International Paper Company, EarthCon Consultants of North Carolina, P.C. (EarthCon) is submitting the attached Semi-annual Environmental Monitoring Report for the November 2014 sampling event completed for the above referenced site. Also enclosed is the North Carolina (NC) Solid Waste Section summary table along with the laboratory report and the EarthCon Quality Assurance Review of the laboratory data.

The November 2014 sampling activities were conducted by EarthCon and included obtaining depth to groundwater measurements from five site monitoring wells (MWLG-1, MWLG-3, MWLG-5, MWLG-6, and MWLG-7), and sampling those wells in general accordance with low flow purging and sampling EPA Operating Procedures. Copies of the field sampling forms and field notes completed by EarthCon personnel are attached to this report. The groundwater samples were preserved according to EPA protocol and shipped to Pace Analytical Services, Inc. (Pace) in Huntersville, NC, a North Carolina certified laboratory. The analytical results for this sampling event are attached and have been compared to applicable 15A NCAC 02L.0202 (NC 2L) Groundwater Standards. The following bullet points summarize the results of this comparison.

- The total dissolved solids (TDS) results from three wells MW-LG3 (1,050 mg/L), MW-LG6 (1,830 mg/L) and MW-LG7 (1,630 mg/L) exceeded the NC 2L standard of 500 mg/L.
- The total iron results from four wells MW-LG1 (3,810 ug/L), MW-LG5 (20,800 ug/L), MW-LG6 (14,200 ug/L) and LG-7 (1,600 ug/L) exceeded the NC 2L standard of 300 ug/L.
- The total manganese results from the five wells MW-LG1 (362 ug/L), MW-LG3 (1,350 ug/L), MW-LG5 (7,100 ug/L), MW-LG6 (1,180 ug/L) and MW-LG7 (4,000 ug/L) exceeded the NC 2L standard of 50 ug/L.
- The nitrate as nitrogen result from one well MW-LG3 (24.1 mg/L) exceeded the NC 2L standard of 10 mg/L.

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The EarthCon Quality Assurance Review of the laboratory data is attached. The following sample results were qualified during the review and are noted on the attached NC Solid Waste Section Summary Table:

- The diluted nitrate analysis of sample LG-3 was performed past the 48-hour hold time. The positive nitrate result of sample LG-3 is qualified as estimated (J)
- The pH analyses were performed beyond the method holding time of ASAP (usually interpreted as less than 15 minutes). The pH result of each sample was qualified as estimated (J).
- The recovery values for nitrate the DUP-1 MS and MSD sample are below the QC limit. The Nitrate Nitrogen result for the DUP-1 sample is qualified as estimated detection limit (UJ).
- The sulfate recovery values for LG-5 MS and MSD and the TOC recovery values for LG-6 MS and MSD exceed the laboratory QC limit. The Sulfate and TOC results for the LG-5 and LG-6 samples, respectively, are qualified as estimated (J).

The TDS, iron and manganese constituent concentrations, including those detected above the NC 2L groundwater standards, are reported within previous historic ranges that have been established for the Site wells. The detection of nitrate as nitrogen at a concentration of 24.1 mg/L in the groundwater sample collected from MW-LG3 is within the range of 0.79 mg/L to 36.3 mg/L that was established when nitrate as nitrogen was initially detected above the NC 2L standard in well MW-LG3 in 2003.

In previous correspondence with International Paper, the NC Solid Waste Section has waived the requirement to prepare a Water Quality Assessment Plan for this site. EarthCon continues to concur with this waiver and does not recommend any changes to the monitoring program at this time.

If you have any questions on this report feel free to call the undersigned at 770-973-2100.

Sincerely,

Peter Ramsey, PG
Project Manager

Russell K. Schlecht, PE
Principal Engineer

cc: Brent Sasser, International Paper

Attachments:
- NC Environmental Monitoring Report Form
- NC Solid Waste Section Summary Table
- Field Notes and Chain-of- Custody
- Pace Analytical Services, Inc. Laboratory Analytical Report
- EarthCon Consultants, Inc. Quality Assurance Review

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NC Solid Waste Section Summary Table
Submitted to NCDENR on January 12, 2015
Samples Collected on 11/05/14 by EarthCon Consultants of North Carolina, P.C.
Prepared by BGM 01/05/15 and Checked by PER 01/05/15

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FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE	NC LABORATORY CERTIFICATION NUMBER
42-03	4203-LG1	7440-38-2	14	Arsenic, Total	0.5	ug/L	U	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG1	7440-39-3	15	Barium, Total	88.4	ug/L		EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG1	7440-43-9	34	Cadmium, Total	0.17	ug/L		EPA 6020	0.05	0.1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG1	7440-47-3	51	Chromium, Total	1.7	ug/L		EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG1	7440-50-8	54	Copper, Total	3.2	ug/L		EPA 6020	0.93	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG1	7439-92-1	131	Lead, Total	1.8	ug/L		EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG1	7439-97-6	132	Mercury, Total	0.1	ug/L	U	EPA 7470	0.1	0.2		1	11/05/2014	11/14/2014	11/17/2014	527
42-03	4203-LG1	7782-49-2	183	Selenium, Total	0.5	ug/L	U	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG1	7440-22-4	184	Silver, Total	0.05	ug/L	U	EPA 6020	0.05	0.1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG1	7440-66-6	213	Zinc, Total	2.5	ug/L	J	EPA 6020	2.5	5		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG1	16887-00-6	301	Chloride	3600	ug/L	J	EPA 300.0	2.5	5		1	11/05/2014	11/13/2014	11/13/2014	527
42-03	4203-LG1	14797-55-8	303	Nitrate as Nitrogen	10	ug/L	U	EPA 353.2	0.01	0.02		1	11/05/2014	11/06/2014	11/06/2014	527
42-03	4203-LG1		311	Solids, Total Dissolved (TDS)	152000	ug/L		SM 2540C	25	25		1	11/05/2014	11/11/2014	11/11/2014	527
42-03	4203-LG1	16984-48-8	312	Fluoride	160	ug/L		EPA 300.0	0.047	0.05		1	11/05/2014	11/13/2014	11/13/2014	527
42-03	4203-LG1	14808-79-8	315	Sulfate	8800	ug/L		EPA 300.0	2.5	5		1	11/05/2014	11/13/2014	11/13/2014	527
42-03	4203-LG1		316	Biochemical Oxygen Demand (BOD)	3300	ug/L		SM 5210B	2	2		1	11/05/2014	11/07/2014	11/12/2014	527
42-03	4203-LG1		317	Chemical Oxygen Demand (COD)	16000	ug/L	J	SM 5220D	12.5	25		1	11/05/2014	11/18/2014	11/18/2014	527
42-03	4203-LG1	12408-02-5	321	pH	6.8	PH	J	SM 4500-H+B	0.1	1		1	11/05/2014	11/10/2014	11/10/2014	527
42-03	4203-LG1		323	Conductivity at 25 Degrees Celsius	159	uMHOS/cm		Field Collected	1	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG1	7439-89-6	340	Iron, Total	3810	ug/L		EPA 6020	6.9	10		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG1	7439-96-5	342	Manganese, Total	362	ug/L		EPA 6020	0.69	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG1	7440-44-0	357	Carbon, Total Organic (TOC)	25200	ug/L		SM 5310B	0.5	1		1	11/05/2014	11/14/2014	11/14/2014	527
42-03	4203-LG1		396	Halides, Total Organic (TOX)	100	ug/L	U	EPA 9020	-9	0.1		1	11/05/2014	11/07/2014	11/21/2014	527
42-03	4203-LG3	7440-38-2	14	Arsenic, Total	0.5	ug/L	U	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG3	7440-39-3	15	Barium, Total	54.4	ug/L		EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG3	7440-43-9	34	Cadmium, Total	0.05	ug/L	U	EPA 6020	0.05	0.1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG3	7440-47-3	51	Chromium, Total	0.71	ug/L	J	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG3	7440-50-8	54	Copper, Total	0.93	ug/L	U	EPA 6020	0.93	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG3	7439-92-1	131	Lead, Total	0.5	ug/L	U	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG3	7439-97-6	132	Mercury, Total	0.1	ug/L	U	EPA 7470	0.1	0.2		1	11/05/2014	11/14/2014	11/17/2014	527
42-03	4203-LG3	7782-49-2	183	Selenium, Total	0.86	ug/L	J	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG3	7440-22-4	184	Silver, Total	0.05	ug/L	U	EPA 6020	0.05	0.1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG3	7440-66-6	213	Zinc, Total	2.5	ug/L	U	EPA 6020	2.5	5		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG3	16887-00-6	301	Chloride	27800	ug/L		EPA 300.0	12.5	25		5	11/05/2014	11/13/2014	11/13/2014	527
42-03	4203-LG3	14797-55-8	303	Nitrate as Nitrogen	24100	ug/L	J	EPA 353.2	0.1	0.2		10	11/05/2014	11/07/2014	11/07/2014	527
42-03	4203-LG3		311	Solids, Total Dissolved (TDS)	1050000	ug/L		SM 2540C	25	25		1	11/05/2014	11/11/2014	11/11/2014	527
42-03	4203-LG3	16984-48-8	312	Fluoride	380	ug/L		EPA 300.0	0.24	0.25		5	11/05/2014	11/13/2014	11/13/2014	527
42-03	4203-LG3	14808-79-8	315	Sulfate	171000	ug/L		EPA 300.0	12.5	25		5	11/05/2014	11/13/2014	11/13/2014	527
42-03	4203-LG3		316	Biochemical Oxygen Demand (BOD)	2000	ug/L	U	SM 5210B	2	2		1	11/05/2014	11/07/2014	11/12/2014	527
42-03	4203-LG3		317	Chemical Oxygen Demand (COD)	18000	ug/L	J	SM 5220D	12.5	25		1	11/05/2014	11/18/2014	11/18/2014	527
42-03	4203-LG3	12408-02-5	321	pH	7.4	PH	J	SM 4500-H+B	0.1	1		1	11/05/2014	11/10/2014	11/10/2014	527
42-03	4203-LG3		323	Conductivity at 25 Degrees Celsius	1547	uMHOS/cm		Field Collected	1	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG3	7439-89-6	340	Iron, Total	117	ug/L		EPA 6020	6.9	10		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG3	7439-96-5	342	Manganese, Total	1350	ug/L		EPA 6020	3.4	5		5	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG3	7440-44-0	357	Carbon, Total Organic (TOC)	67400	ug/L		SM 5310B	1	2		2	11/05/2014	11/15/2014	11/15/2014	527
42-03	4203-LG3		396	Halides, Total Organic (TOX)	100	ug/L	U	EPA 9020	-9	0.1		1	11/05/2014	11/07/2014	11/21/2014	527
42-03	4203-LG5	7440-38-2	14	Arsenic, Total	2.4	ug/L		EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG5	7440-39-3	15	Barium, Total	114	ug/L		EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG5	7440-43-9	34	Cadmium, Total	0.091	ug/L	J	EPA 6020	0.05	0.1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG5	7440-47-3	51	Chromium, Total	3.7	ug/L		EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG5	7440-50-8	54	Copper, Total	1.9	ug/L		EPA 6020	0.93	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG5	7439-92-1	131	Lead, Total	0.5	ug/L	U	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG5	7439-97-6	132	Mercury, Total	0.1	ug/L	U	EPA 7470	0.1	0.2		1	11/05/2014	11/14/2014	11/17/2014	527
42-03	4203-LG5	7782-49-2	183	Selenium, Total	0.55	ug/L	J	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG5	7440-22-4	184	Silver, Total	0.05	ug/L	U	EPA 6020	0.05	0.1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG5	7440-66-6	213	Zinc, Total	6.3	ug/L		EPA 6020	2.5	5		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG5	16887-00-6	301	Chloride	3100	ug/L	J	EPA 300.0	2.5	5		1	11/05/2014	11/13/2014	11/13/2014	527
42-03	4203-LG5	14797-55-8	303	Nitrate as Nitrogen	10	ug/L	U	EPA 353.2	0.01	0.02		1	11/05/2014	11/06/2014	11/06/2014	527
42-03	4203-LG5		311	Solids, Total Dissolved (TDS)	380000	ug/L		SM 2540C	25	25		1	11/05/2014	11/11/2014	11/11/2014	527
42-03	4203-LG5	16984-48-8	312	Fluoride	180	ug/L		EPA 300.0	0.047	0.05		1	11/05/2014	11/13/2014	11/13/2014	527
42-03	4203-LG5	14808-79-8	315	Sulfate	98300	ug/L	J	EPA 300.0	5	10		2	11/05/2014	11/13/2014	11/13/2014	527
42-03	4203-LG5		316	Biochemical Oxygen Demand (BOD)	2000	ug/L	U	SM 5210B	2	2		1	11/05/2014	11/07/2014	11/12/2014	527
42-03	4203-LG5		317	Chemical Oxygen Demand (COD)	48000	ug/L		SM 5220D	12.5	25		1	11/05/2014	11/18/2014	11/18/2014	527
42-03	4203-LG5	12408-02-5	321	pH	6.3	PH	J	SM 4500-H+B	0.1	1		1	11/05/2014	11/10/2014	11/10/2014	527
42-03	4203-LG5		323	Conductivity at 25 Degrees Celsius	484	uMHOS/cm		Field Collected	1	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG5	7439-89-6	340	Iron, Total	20800	ug/L		EPA 6020	69.4	100		10	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG5	7439-96-5	342	Manganese, Total	7100	ug/L		EPA 6020	13.8	20		20	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG5	7440-44-0	357	Carbon, Total Organic (TOC)	74200	ug/L		SM 5310B	1	2		2	11/05/2014	11/15/2014	11/15/2014	527
42-03	4203-LG5		396	Halides, Total Organic (TOX)	100	ug/L	U	EPA 9020	-9	0.1		1	11/05/2014	11/07/2014	11/21/2014	527
42-03	4203-LG6	7440-38-2	14	Arsenic, Total	0.5	ug/L	U	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG6	7440-39-3	15	Barium, Total	562	ug/L		EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG6	7440-43-9	34	Cadmium, Total	0.05	ug/L	U	EPA 6020	0.05	0.1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG6	7440-47-3	51	Chromium, Total	3.5	ug/L		EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG6	7440-50-8	54	Copper, Total	0.93	ug/L	U	EPA 6020	0.93	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG6	7439-92-1	131	Lead, Total	0.5	ug/L	U	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG6	7439-97-6	132	Mercury, Total	0.1	ug/L	U	EPA 7470	0.1	0.2		1	11/05/2014	11/14/2014	11/17/2014	527
42-03	4203-LG6	7782-49-2	183	Selenium, Total	0.5	ug/L	U	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG6	7440-22-4	184	Silver, Total	0.05	ug/L	U	EPA 6020	0.05	0.1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG6	7440-66-6	213	Zinc, Total	2.5	ug/L	U	EPA 6020	2.5	5		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG6	16887-00-6	301	Chloride	13600	ug/L		EPA 300.0	2.5	5		1	11/05/2014	11/15/2014	11/15/2014	527
42-03	4203-LG6	14797-55-8	303	Nitrate as Nitrogen	1100	ug/L		EPA 353.2	0.01	0.02		1	11/05/2014	11/06/2014	11/06/2014	527
42-03	4203-LG6		311	Solids, Total Dissolved (TDS)	1830000	ug/L		SM 2540C	250	250		1	11/05/2014	11/11/2014	11/11/2014	527
42-03	4203-LG6	16984-48-8	312	Fluoride	310	ug/L		EPA 300.0	0.047	0.05		1	11/05/2014	11/15/2014	11/15/2014	527
42-03	4203-LG6	14808-79-8	315	Sulfate	48400	ug/L		EPA 300.0	2.5	5		1	11/05/2014	11/15/2014	11/15/2014	527
42-03	4203-LG6		316	Biochemical Oxygen Demand (BOD)	2000	ug/L	U	SM 5210B	2	2		1	11/05/2014	11/07/2014	11/12/2014	527
42-03	4203-LG6		317	Chemical Oxygen Demand (COD)	58000	ug/L		SM 5220D	12.5	25		1	11/05/2014	11/18/2014	11/18/2014	527
42-03	4203-LG6	12408-02-5	321	pH	7.2	PH	J	SM 4500-H+B	0.1	1		1	11/05/2014	11/10/2014	11/10/2014	527
42-03	4203-LG6		323	Conductivity at 25 Degrees Celsius	2974	uMHOS/cm		Field Collected	1	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG6	7439-89-6	340	Iron, Total	14200	ug/L		EPA 6020	69.4	100		10	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG6	7439-96-5	342	Manganese, Total	1180	ug/L		EPA 6020	0.69	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG6	7440-44-0	357	Carbon, Total Organic (TOC)	171000	ug/L	J	SM 5310B	2.5	5		5	11/05/2014	11/15/2014	11/15/2014	527
42-03	4203-LG6		396	Halides, Total Organic (TOX)	100	ug/L	U	EPA 9020	-9	0.1		1	11/05/2014	11/07/2014	11/21/2014	527
42-03	4203-LG7	7440-38-2	14	Arsenic, Total	0.5	ug/L	U	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG7	7440-39-3	15	Barium, Total	260	ug/L		EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG7	7440-43-9	34	Cadmium, Total	0.088	ug/L	J	EPA 6020	0.05	0.1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG7	7440-47-3	51	Chromium, Total	0.5	ug/L	U	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG7	7440-50-8	54	Copper, Total	0.93	ug/L	U	EPA 6020	0.93	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG7	7439-92-1	131	Lead, Total	0.5	ug/L	U	EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG7	7439-97-6	132	Mercury, Total	0.1	ug/L	U	EPA 7470	0.1	0.2		1	11/05/2014	11/14/2014	11/17/2014	527
42-03	4203-LG7	7782-49-2	183	Selenium, Total	1	ug/L		EPA 6020	0.5	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG7	7440-22-4	184	Silver, Total	0.05	ug/L	U	EPA 6020	0.05	0.1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG7	7440-66-6	213	Zinc, Total	2.5	ug/L	U	EPA 6020	2.5	5		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG7	16887-00-6	301	Chloride	29500	ug/L		EPA 300.0	12.5	25		5	11/05/2014	11/13/2014	11/13/2014	527
42-03	4203-LG7	14797-55-8	303	Nitrate as Nitrogen	2300	ug/L		EPA 353.2	0.01	0.02		1	11/05/2014	11/06/2014	11/06/2014	527
42-03	4203-LG7		311	Solids, Total Dissolved (TDS)	1630000	ug/L		SM 2540C	250	250		1	11/05/2014	11/11/2014	11/11/2014	527
42-03	4203-LG7	16984-48-8	312	Fluoride	240	ug/L	U	EPA 300.0	0.24	0.25		5	11/05/2014	11/13/2014	11/13/2014	527
42-03	4203-LG7	14808-79-8	315	Sulfate	212000	ug/L		EPA 300.0	12.5	25		5	11/05/2014	11/13/2014	11/13/2014	527
42-03	4203-LG7		316	Biochemical Oxygen Demand (BOD)	2000	ug/L	U	SM 5210B	2	2		1	11/05/2014	11/07/2014	11/12/2014	527
42-03	4203-LG7		317	Chemical Oxygen Demand (COD)	35000	ug/L		SM 5220D	12.5	25		1	11/05/2014	11/18/2014	11/18/2014	527
42-03	4203-LG7	12408-02-5	321	pH	7	PH	J	SM 4500-H+B	0.1	1		1	11/05/2014	11/10/2014	11/10/2014	527
42-03	4203-LG7		323	Conductivity at 25 Degrees Celsius	2133	uMHOS/cm		Field Collected	1	1		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG7	7439-89-6	340	Iron, Total	1600	ug/L		EPA 6020	6.9	10		1	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG7	7439-96-5	342	Manganese, Total	4000	ug/L		EPA 6020	6.9	10		10	11/05/2014	11/13/2014	11/17/2014	527
42-03	4203-LG7	7440-44-0	357	Carbon, Total Organic (TOC)	128000	ug/L		SM 5310B	2	4		4	11/05/2014	11/15/2014	11/15/2014	527
42-03	4203-LG7		396	Halides, Total Organic (TOX)	100	ug/L	U	EPA 9020	-9	0.1		1	11/05/2014	11/07/2014	11/21/2014	527