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):

Mecklenburg County Solid Waste Services

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

Name: Amber R. Grzymski, P.G. Phone: 704-432-2478

E-mail: Amber.Grzymski@mecklenburgcountync.gov

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Holbrooks Road Landfill	15401 Holbrooks Road	60-02	.0500	March 24- March 25, 2015

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.

Amber R. Grzymski, P.G. — Facility Representative Name (Print)

Project Manager — Title

704-432-2478 — (Area Code) Telephone Number

Signature

5-4-2015 — Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1877 GEOLOGIST AMBER RANGE GRZYMSKI

700 N Tryon Street, Charlotte, NC 28202

Facility Representative Address

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

Revised 6/2009

MECKLENBURG COUNTY

Land Use and Environmental Services Agency
Solid Waste Services
May 4, 2015

Jaclynne Drummond
North Carolina Department of Environment
and Natural Resources
Division of Waste Management - Solid Waste Section
2090 US Highway 70
Swannanoa, NC 28778

Subject: Holbrooks Road Landfill Permit 60-02
Semi-annual Monitoring Results

Dear Ms. Drummond:

Mecklenburg County conducted semi-annual water quality monitoring at the closed Holbrooks Road Landfill March 24 – 25, 2015 in accordance with the approved sample and analysis plan dated March 27, 2003. This report details the results of that monitoring event. Laboratory analytical data, field-measured data table of values exceeding 2L standards and landfill gas monitoring data is contained on the electronic data deliverable submittal.

Samples were collected from eleven (11) monitoring wells (HRW-7, HRW-8, HRW-9, HRW-10, HRW-11R, HRW-13, HRW-16, HRW-18, HRW-19, HRW-20 and HRW-21) and three (3) surface-water sampling locations (HRSW-2, HRSW-3 and HRSW-4). Samples were analyzed for metals and volatile organic compounds ("VOCs") listed in Appendix I of 40 CFR Part 258.54 "Detection monitoring program". Field measurements of temperature, pH, and specific conductivity were made at each sampling location using a calibrated instrument. Additionally, measurements of dissolved oxygen were made at each surface-water sampling location.

The electronic data deliverable package containing the monitoring data is labeled to reflect the units used for reporting. Surface water standards listed are the water quality standards established for freshwater classification for aquatic life as outlined in 15A NCAC 2B "Classification and Water Quality Standards Applicable to Surface Waters of North Carolina". Groundwater standards listed are the standards outlined in 15A NCAC 2L "Classification of Water Quality Standards applicable to the Groundwaters of North Carolina". If the sample is reported in parts per billion, then the standard is also reported in parts per billion.

Surface-water samples:

No VOCs were detected in any of the samples collected from the three surface-water sampling locations (HRSW-2, HRSW-4 and HRSW-3). Nickel was detected at HRSW-3 at 2.3 ug/l.

All field-measured parameters were within the established regulatory limits. The following table summarizes field-measured parameters for surface water samples.

Sample Location	Temp. °C	pH S.U.	Specific Conductivity ms/cm	Dissolved Oxygen mg/l
HRSW-2 upstream	14.8	7.4	0. 216	12.25
HRSW-4 mid-stream	14.4	7.3	0. 214	12.72
HRSW-3 downstream	12.9	6.9	0.240	13.44

Groundwater samples:

Vanadium, cobalt, cadmium and chromium were detected in various wells above the 2l standard. The following table summarizes metals detection for groundwater samples.

Well ID	As ug/l	Ba ug/l	Be ug/l	Cd ug/l	Cr ug/l	Co ug/l	Cu ug/l	Pb ug/l	Ni ug/l	Se ug/l	Vn ug/l	Zn ug/l
HRW-7	-----	260	-----	**63**	-----	**7.9**	12	-----	5.9	-----	**9.4**	62
HRW-8	-----	110	-----	-----	**15**	**10**	23	5.2	6.8	-----	**49**	25
HRW-9	-----	290	-----	-----	-----	-----	-----	-----	5.5	-----	-----	-----
HRW-10	-----	110	-----	-----	-----	-----	6.9	-----	11	-----	**5.2**	-----
HRW-11R	-----	-----	-----	-----	-----	-----	4.4	-----	5.6	-----	-----	10
HRW-13	5.4	**1000**	2.2	-----	**82**	**35**	120	**21**	57	-----	**150**	150
HRW-16	-----	110	-----	-----	9.5	-----	21	-----	5.8	-----	**31**	19
HRW-18	-----	290	-----	-----	-----	-----	-----	-----	11	-----	-----	-----
HRW-19	-----	-----	-----	-----	-----	-----	5.3	-----	2.9	-----	-----	-----
HRW-20	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HRW-21	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	**5.7**	-----
2L Std.	10	700	4	2	10	1	1,000	15	100	20	0.3	1,000

Note: Results shown in bold exceed the 2L standard.

VOCs were detected in three monitoring wells; HRW-7, HRW-9 and HRW-18. The following table summarizes VOC detections.

Well ID	Volatile Constituent	Concentration (ug/l)	2L Standard (ug/l)
HRW-7	Cis-1,2-Dichloroethene	7	70
	Trichloroethene	**5**	**3**
HRW-9	**Cis-1,2 Dichloroethene**	**89**	**70**
	Trichloroethene	**6**	**3**
	Vinyl Chloride	**18**	**0.03**
	1,2-Dichlorobenzene	9	20
	1,4-Dichlorobenzene	**11**	**6**
	1,1-Dichloroethane	**45**	**6**
	1,2-Dichlorpropane	**3**	**0.6**
HRW-18	**Benzene**	**27**	**1**
	1,1-Dichloroethane	**39**	**6**
	1,2-Dichloropropane	**4**	**0.6**
	1,4 Dichlorobenzene	**6**	**6**
	Vinyl Chloride	**29**	**0.03**
	Chloroethane	**7**	**3000**
	Trichlorofluoromethane	**7**	**2000**

Note: Results shown in bold exceed the 2L standard.

Measurements of pH were more acidic than the 2L standard range of 6.5 to 8.5 standard units at locations HRW-7, HRW-9, HRW-11R, HRW-13, HRW-16, HRW-18, HRW-19, HRW-20 and HRW-21. Field- measured parameters for groundwater samples are summarized in the following table.

Sample Location	Temp. °C	PH	Specific Conductivity ms/cm
HRW-7	18.5	**6.1**	0.528
HRW-8	11.0	6.7	0.078
HRW-9	14.8	**6.2**	0.850
HRW-10	10.4	6.7	0.627
HRW-11R	12.2	**5.7**	0.448
HRW-13	10.7	**5.9**	0.094
HRW-16	11.9	**6.3**	0.086
HRW-18	16.4	**6.4**	1.320
HRW-19	14.1	**6.2**	0.317
HRW-20	14.8	**6.0**	0.251
HRW-21	15.7	**5.9**	0.493

Note: Results shown in bold are outside of the 2L standard range of 6.5 - 8.5 S.U.

Please call me at (704) 432-2478 if you have any questions regarding this report.

NORTH CAROLINA LICENSED SEAL 1877 GEOLOGIST AMBER RANGE GRZYMSKI

Sincerely,

Amber R. Grzymski, P.G.
Project Manager
Solid Waste Services

Landfill Gas Monitoring Data Form

Facility Name: Holbrooks Road Landfill Permit Number: 60-02

Date of Sampling: 3/25/2015 NC Landfill Rule (.0500 or .1600): .0500

Name and Position of Sample Collector: David E. Coleman, Environmental Specialist

Type and Serial Number of Gas Meter: Gem 2000 #GM13774

Calibration Date of Gas Meter: 2/18/2015 Date and Time of Field Calibration: 3/25/2014 9:30AM

Type of Field Calibration Gas (15/15 or 35/50): 35/50

Expiration Date of Field Calibration Gas Canister: February 2017

Pump Rate of Gas Meter: 120 Seconds Ambient Air Temperature: 54 degrees

Barometric Pressure: 29.46 General Weather Conditions: Cloudy, 2N

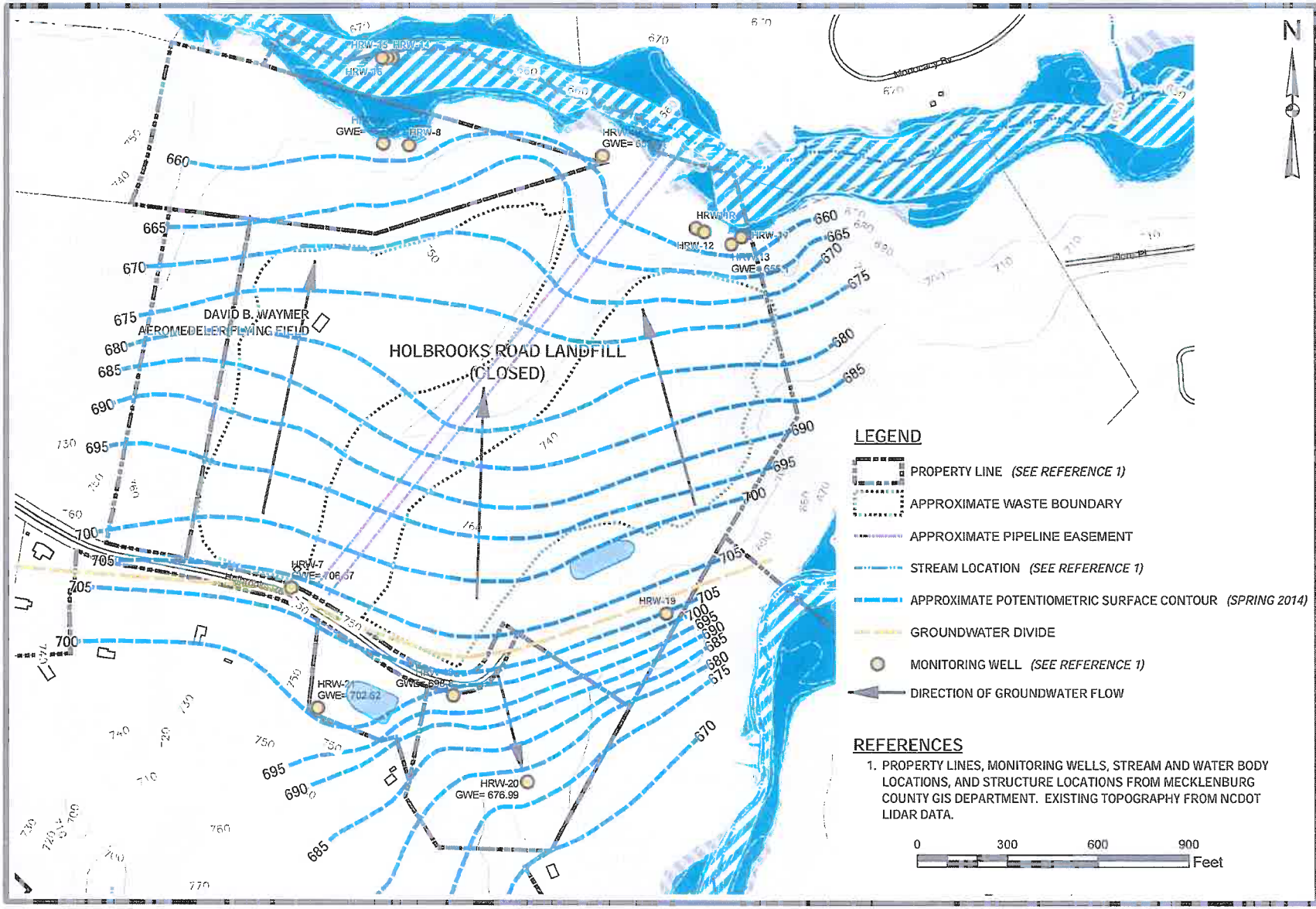
Sample ID	Time	% LEL	% CH4	% O2	% CO2	Comments
HP-1	10:57AM	>100	59.0	0	40.8	
HP-2	11:03AM	>100	31.8	0.3	33.5	
HP-3	11:09AM	0	0	7.2	14.6	
HP-4	10:31AM	0	0	9.2	11.1	
HP-8R	10:21AM	0	0	20.9	0.2	
HP-9	9:50 AM	>100	16.5	0	16.6	
HP-10	9:55 AM	0	0	18.4	3.3	
HP-11	10:00AM	>100	49.6	0.5	30.3	
HP-13R	10:04AM	0	0	20.8	0.2	
HP-14R	10:10AM	0	0	12.1	9.0	
HP-15R	10:17AM	>100	33.8	0	31.8	Property Line Violation
HP-16R	10:14AM	0	0	18.4	5.4	
HP-18R	10:26AM	26	1.3	19.9	1.7	
HP-22R	10:35AM	0	0	20.8	0.2	
HP-23R	10:41AM	>100	64.8	0	31.1	
HP-24	10:46AM	0	0	21.0	0.2	
MV-1	10:50AM	0	0	21.1	0.1	Passive Methane Trench Vent
MV-2	10:52AM	0	0	21.1	0.1	Passive Methane Trench Vent
MV-3	10:59AM	>100	38.5	10.5	19.9	Passive Methane Trench Vent
MV-4	11:05AM	>100	22.0	10.3	20.1	Passive Methane Trench Vent
MV-5	11:06AM	12	0.6	19.4	1.3	Passive Methane Trench Vent
MV-6	11:13AM	0	0	21.1	0.1	Passive Methane Trench Vent
MV-7	11:16AM	4	0.2	16.5	4.3	Passive Methane Trench Vent
MV-8	11:20AM	0	0	19.7	1.6	Passive Methane Trench Vent
MV-9	11:23AM	0	0	20.1	1.1	Passive Methane Trench Vent

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

SIGNATURE

TITLE Project Manager



SMITH + GARDNER

14 N. Boylan Avenue, Raleigh NC 27603 | 919.828.0577

DRAWN:	APPROVED:	SCALE:	FIGURE NO.:
C.T.J.	J.A.S.	AS SHOWN	2
DATE:	PROJECT NO.:	FILENAME:	
Aug. 2014	MECKLENBURG 14-1	MECK-B0005	

POTENTIOMETRIC SURFACE MAP

G:\CAD\Mecklenburg County\Mecklenburg 14-1\sheets\MECK-B0005.mxd

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW7
SAMPLE DATE-TIME: 03/24/2015 11:00
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33019**							
AF33019	Metals Digestion	Completed			EPA 200.2	03/25/2015	08:30	RDB
AF33019	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	16:55	CJG
AF33019	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	10:43	RDB
AF33019	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	10:43	RDB
AF33019	Barium by ICPMS	260	ug/L	100	EPA 200.8	04/07/2015	01:05	RDB
AF33019	Cadmium by ICPMS	63	ug/L	1.0	EPA 200.8	03/26/2015	10:43	RDB
AF33019	Chromium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	01:05	RDB
AF33019	Cobalt by ICPMS	7.9	ug/L	5.0	EPA 200.8	04/07/2015	01:05	RDB
AF33019	Copper by ICPMS	12	ug/L	2.0	EPA 200.8	03/26/2015	10:43	RDB
AF33019	Lead by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	10:43	RDB
AF33019	Nickel by ICPMS	5.9	ug/L	2.0	EPA 200.8	04/07/2015	01:05	RDB
AF33019	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	10:43	RDB
AF33019	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	10:43	RDB
AF33019	Vanadium by ICPMS	9.4	ug/L	5.0	EPA 200.8	04/07/2015	01:05	RDB
AF33019	Zinc by ICPMS	62	ug/L	20	EPA 200.8	04/07/2015	01:05	RDB
AF33019	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	16:16	NVR
AF33019	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Acetone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Benzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW7
SAMPLE DATE-TIME: 03/24/2015 11:00
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33019	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	cis-1,2- Dichloroethene	7	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Styrene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Toluene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Trichloroethene	5	ug/L	3	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL
AF33019	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:10	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW18
SAMPLE DATE-TIME: 03/24/2015 10:40
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33020**							
AF33020	Metals Digestion	Completed			EPA 200.2	03/25/2015	09:39	CJG
AF33020	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	17:23	CJG
AF33020	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:33	RDB
AF33020	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:33	RDB
AF33020	Barium by ICPMS	290	ug/L	100	EPA 200.8	04/06/2015	23:24	RDB
AF33020	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/26/2015	11:33	RDB
AF33020	Chromium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:24	RDB
AF33020	Cobalt by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:24	RDB
AF33020	Copper by ICPMS	< 2.0	ug/L	2.0	EPA 200.8	03/26/2015	11:33	RDB
AF33020	Lead by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:33	RDB
AF33020	Nickel by ICPMS	11	ug/L	2.0	EPA 200.8	04/06/2015	23:24	RDB
AF33020	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:33	RDB
AF33020	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:33	RDB
AF33020	Vanadium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:24	RDB
AF33020	Zinc by ICPMS	< 10	ug/L	10	EPA 200.8	04/06/2015	23:24	RDB
AF33020	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	17:00	NVR
AF33020	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,1-Dichloroethane	39	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,2-Dichlorpropane	4	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	1,4-Dichlorobenzene	6	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Acetone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Benzene	27	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Chloroethane	7	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW18
SAMPLE DATE-TIME: 03/24/2015 10:40
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33020	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Styrene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Toluene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Trichlorofluoromethane	7	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL
AF33020	Vinyl Chloride	29	ug/L	5	SW846 / 8260B	03/25/2015	17:35	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW19
SAMPLE DATE-TIME: 03/24/2015 10:05
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33021**							
AF33021	Metals Digestion	Completed			EPA 200.2	03/25/2015	09:39	CJG
AF33021	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	18:19	CJG
AF33021	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:38	RDB
AF33021	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:38	RDB
AF33021	Barium by ICPMS	< 100	ug/L	100	EPA 200.8	04/07/2015	02:18	RDB
AF33021	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/26/2015	11:38	RDB
AF33021	Chromium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	02:18	RDB
AF33021	Cobalt by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	02:18	RDB
AF33021	Copper by ICPMS	5.3	ug/L	2.0	EPA 200.8	03/26/2015	11:38	RDB
AF33021	Lead by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:38	RDB
AF33021	Nickel by ICPMS	2.9	ug/L	2.0	EPA 200.8	04/07/2015	02:18	RDB
AF33021	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:38	RDB
AF33021	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:38	RDB
AF33021	Vanadium by ICPMS	9.8	ug/L	5.0	EPA 200.8	04/07/2015	02:18	RDB
AF33021	Zinc by ICPMS	< 10	ug/L	10	EPA 200.8	04/07/2015	02:18	RDB
AF33021	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	18:41	NVR
AF33021	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Acetone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Benzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW19
SAMPLE DATE-TIME: 03/24/2015 10:05
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33021	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Styrene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Toluene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL
AF33021	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:01	MLL

Comment: Metals: Redigested on 032615 at 0843.

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW20
SAMPLE DATE-TIME: 03/24/2015 10:25
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33022**							
AF33022	Metals Digestion	Completed			EPA 200.2	03/25/2015	09:39	CJG
AF33022	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	17:26	CJG
AF33022	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:43	RDB
AF33022	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:43	RDB
AF33022	Barium by ICPMS	< 100	ug/L	100	EPA 200.8	04/06/2015	23:29	RDB
AF33022	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/26/2015	11:43	RDB
AF33022	Chromium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:29	RDB
AF33022	Cobalt by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:29	RDB
AF33022	Copper by ICPMS	< 2.0	ug/L	2.0	EPA 200.8	03/26/2015	11:43	RDB
AF33022	Lead by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:43	RDB
AF33022	Nickel by ICPMS	< 2.0	ug/L	2.0	EPA 200.8	04/06/2015	23:29	RDB
AF33022	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:43	RDB
AF33022	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:43	RDB
AF33022	Vanadium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:29	RDB
AF33022	Zinc by ICPMS	< 10	ug/L	10	EPA 200.8	04/06/2015	23:29	RDB
AF33022	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	17:17	NVR
AF33022	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Acetone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Benzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW20
SAMPLE DATE-TIME: 03/24/2015 10:25
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33022	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Styrene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Toluene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL
AF33022	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:27	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW21
SAMPLE DATE-TIME: 03/24/2015 09:50
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33023**							
AF33023	Metals Digestion	Completed			EPA 200.2	03/25/2015	09:39	CJG
AF33023	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	17:30	CJG
AF33023	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:48	RDB
AF33023	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:48	RDB
AF33023	Barium by ICPMS	< 100	ug/L	100	EPA 200.8	04/06/2015	23:34	RDB
AF33023	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/26/2015	11:48	RDB
AF33023	Chromium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:34	RDB
AF33023	Cobalt by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:34	RDB
AF33023	Copper by ICPMS	< 2.0	ug/L	2.0	EPA 200.8	03/26/2015	11:48	RDB
AF33023	Lead by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:48	RDB
AF33023	Nickel by ICPMS	< 2.0	ug/L	2.0	EPA 200.8	04/06/2015	23:34	RDB
AF33023	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:48	RDB
AF33023	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	11:48	RDB
AF33023	Vanadium by ICPMS	5.7	ug/L	5.0	EPA 200.8	04/06/2015	23:34	RDB
AF33023	Zinc by ICPMS	< 10	ug/L	10	EPA 200.8	04/06/2015	23:34	RDB
AF33023	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	17:23	NVR
AF33023	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Acetone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Benzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW21
SAMPLE DATE-TIME: 03/24/2015 09:50
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33023	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Styrene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Toluene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL
AF33023	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	18:53	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-BLANK
SAMPLE DATE-TIME: 03/24/2015 09:10
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33024**							
AF33024	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Acetone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Benzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Styrene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Toluene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-BLANK
SAMPLE DATE-TIME: 03/24/2015 09:10
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33024	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL
AF33024	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:18	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW10
SAMPLE DATE-TIME: 03/24/2015 12:55
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33025**							
AF33025	Metals Digestion	Completed			EPA 200.2	03/25/2015	09:39	CJG
AF33025	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	17:33	CJG
AF33025	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:14	RDB
AF33025	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:14	RDB
AF33025	Barium by ICPMS	110	ug/L	100	EPA 200.8	04/06/2015	23:38	RDB
AF33025	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/26/2015	12:14	RDB
AF33025	Chromium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:38	RDB
AF33025	Cobalt by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:38	RDB
AF33025	Copper by ICPMS	6.9	ug/L	2.0	EPA 200.8	03/26/2015	12:14	RDB
AF33025	Lead by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:14	RDB
AF33025	Nickel by ICPMS	11	ug/L	2.0	EPA 200.8	04/06/2015	23:38	RDB
AF33025	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:14	RDB
AF33025	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:14	RDB
AF33025	Vanadium by ICPMS	5.2	ug/L	5.0	EPA 200.8	04/06/2015	23:38	RDB
AF33025	Zinc by ICPMS	< 10	ug/L	10	EPA 200.8	04/06/2015	23:38	RDB
AF33025	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	17:28	NVR
AF33025	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Acetone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Benzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW10
SAMPLE DATE-TIME: 03/24/2015 12:55
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33025	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Styrene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Toluene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL
AF33025	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	19:44	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW11R
SAMPLE DATE-TIME: 03/24/2015 12:10
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33026**							
AF33026	Metals Digestion	Completed			EPA 200.2	03/25/2015	09:39	CJG
AF33026	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	17:37	CJG
AF33026	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:19	RDB
AF33026	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:19	RDB
AF33026	Barium by ICPMS	< 100	ug/L	100	EPA 200.8	04/06/2015	23:43	RDB
AF33026	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/26/2015	12:19	RDB
AF33026	Chromium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:43	RDB
AF33026	Cobalt by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:43	RDB
AF33026	Copper by ICPMS	4.4	ug/L	2.0	EPA 200.8	03/26/2015	12:19	RDB
AF33026	Lead by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:19	RDB
AF33026	Nickel by ICPMS	5.6	ug/L	2.0	EPA 200.8	04/06/2015	23:43	RDB
AF33026	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:19	RDB
AF33026	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:19	RDB
AF33026	Vanadium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/06/2015	23:43	RDB
AF33026	Zinc by ICPMS	10	ug/L	10	EPA 200.8	04/06/2015	23:43	RDB
AF33026	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	17:34	NVR
AF33026	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Acetone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Benzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW11R
SAMPLE DATE-TIME: 03/24/2015 12:10
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33026	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Styrene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Toluene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL
AF33026	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:10	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW13
SAMPLE DATE-TIME: 03/24/2015 12:35
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33027**							
AF33027	Metals Digestion	Completed			EPA 200.2	03/25/2015	09:39	CJG
AF33027	Beryllium by ICPOES	2.2	ug/L	2.0	EPA 200.7	04/09/2015	17:40	CJG
AF33027	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:24	RDB
AF33027	Arsenic by ICPMS	5.4	ug/L	5.0	EPA 200.8	03/26/2015	12:24	RDB
AF33027	Barium by ICPMS	1000	ug/L	500	EPA 200.8	04/08/2015	15:29	RDB
AF33027	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/26/2015	12:24	RDB
AF33027	Chromium by ICPMS	82	ug/L	5.0	EPA 200.8	04/06/2015	23:48	RDB
AF33027	Cobalt by ICPMS	35	ug/L	5.0	EPA 200.8	04/06/2015	23:48	RDB
AF33027	Copper by ICPMS	120	ug/L	2.0	EPA 200.8	03/31/2015	16:48	RDB
AF33027	Lead by ICPMS	21	ug/L	5.0	EPA 200.8	03/26/2015	12:24	RDB
AF33027	Nickel by ICPMS	57	ug/L	2.0	EPA 200.8	04/06/2015	23:48	RDB
AF33027	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:24	RDB
AF33027	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:24	RDB
AF33027	Vanadium by ICPMS	150	ug/L	5.0	EPA 200.8	04/06/2015	23:48	RDB
AF33027	Zinc by ICPMS	150	ug/L	10	EPA 200.8	04/06/2015	23:48	RDB
AF33027	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	17:39	NVR
AF33027	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Acetone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Benzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW13
SAMPLE DATE-TIME: 03/24/2015 12:35
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33027	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Styrene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Toluene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL
AF33027	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	20:36	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW8
SAMPLE DATE-TIME: 03/24/2015 14:10
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33028**							
AF33028	Metals Digestion	Completed			EPA 200.2	03/25/2015	09:39	CJG
AF33028	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	17:44	CJG
AF33028	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:29	RDB
AF33028	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:29	RDB
AF33028	Barium by ICPMS	110	ug/L	100	EPA 200.8	04/07/2015	00:12	RDB
AF33028	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/26/2015	12:29	RDB
AF33028	Chromium by ICPMS	15	ug/L	5.0	EPA 200.8	04/07/2015	00:12	RDB
AF33028	Cobalt by ICPMS	10	ug/L	5.0	EPA 200.8	04/07/2015	00:12	RDB
AF33028	Copper by ICPMS	23	ug/L	2.0	EPA 200.8	03/26/2015	12:29	RDB
AF33028	Lead by ICPMS	5.2	ug/L	5.0	EPA 200.8	03/26/2015	12:29	RDB
AF33028	Nickel by ICPMS	6.8	ug/L	2.0	EPA 200.8	04/07/2015	00:12	RDB
AF33028	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:29	RDB
AF33028	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:29	RDB
AF33028	Vanadium by ICPMS	49	ug/L	5.0	EPA 200.8	04/07/2015	00:12	RDB
AF33028	Zinc by ICPMS	25	ug/L	10	EPA 200.8	04/07/2015	00:12	RDB
AF33028	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	17:45	NVR
AF33028	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Acetone	Less than	ug/L	10	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Benzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW8
SAMPLE DATE-TIME: 03/24/2015 14:10
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33028	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Styrene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Toluene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL
AF33028	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/25/2015	21:01	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW9
SAMPLE DATE-TIME: 03/24/2015 13:55
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33029**							
AF33029	Metals Digestion	Completed			EPA 200.2	03/25/2015	09:39	CJG
AF33029	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	17:47	CJG
AF33029	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:34	RDB
AF33029	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:34	RDB
AF33029	Barium by ICPMS	290	ug/L	100	EPA 200.8	04/07/2015	00:17	RDB
AF33029	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/26/2015	12:34	RDB
AF33029	Chromium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	00:17	RDB
AF33029	Cobalt by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	00:17	RDB
AF33029	Copper by ICPMS	< 2.0	ug/L	2.0	EPA 200.8	03/26/2015	12:34	RDB
AF33029	Lead by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:34	RDB
AF33029	Nickel by ICPMS	5.5	ug/L	2.0	EPA 200.8	04/07/2015	00:17	RDB
AF33029	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:34	RDB
AF33029	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	12:34	RDB
AF33029	Vanadium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	00:17	RDB
AF33029	Zinc by ICPMS	< 10	ug/L	10	EPA 200.8	04/07/2015	00:17	RDB
AF33029	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	17:50	NVR
AF33029	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,1-Dichloroethane	45	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,2-Dichlorobenzene	9	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,2-Dichlorpropane	3	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	1,4-Dichlorobenzene	11	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Acetone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Benzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW9
SAMPLE DATE-TIME: 03/24/2015 13:55
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33029	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	cis-1,2- Dichloroethene	89	ug/L	6	SW846 / 8260B	03/26/2015	12:58	MLL
AF33029	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Styrene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Toluene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Trichloroethene	6	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33029	Vinyl Chloride	18	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW16
SAMPLE DATE-TIME: 03/24/2015 13:40
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33030**							
AF33030	Metals Digestion	Completed			EPA 200.2	03/26/2015	08:43	CJG
AF33030	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	18:22	CJG
AF33030	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/27/2015	15:26	RDB
AF33030	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/27/2015	15:26	RDB
AF33030	Barium by ICPMS	110	ug/L	100	EPA 200.8	04/07/2015	02:23	RDB
AF33030	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/27/2015	15:26	RDB
AF33030	Chromium by ICPMS	9.5	ug/L	5.0	EPA 200.8	04/07/2015	02:23	RDB
AF33030	Cobalt by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	02:23	RDB
AF33030	Copper by ICPMS	21	ug/L	2.0	EPA 200.8	04/01/2015	15:03	RDB
AF33030	Lead by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	19:20	RDB
AF33030	Nickel by ICPMS	5.8	ug/L	2.0	EPA 200.8	04/07/2015	02:23	RDB
AF33030	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	19:20	RDB
AF33030	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	19:20	RDB
AF33030	Vanadium by ICPMS	31	ug/L	5.0	EPA 200.8	04/07/2015	02:23	RDB
AF33030	Zinc by ICPMS	19	ug/L	10	EPA 200.8	04/07/2015	02:23	RDB
AF33030	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	18:47	NVR
AF33030	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Acetone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Benzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRW16
SAMPLE DATE-TIME: 03/24/2015 13:40
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33030	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Styrene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Toluene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL
AF33030	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:04	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRSW2
SAMPLE DATE-TIME: 03/24/2015 13:20
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33031**							
AF33031	Metals Digestion	Completed			EPA 200.2	03/26/2015	08:43	CJG
AF33031	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	18:26	CJG
AF33031	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/27/2015	15:29	RDB
AF33031	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/27/2015	15:29	RDB
AF33031	Barium by ICPMS	< 100	ug/L	100	EPA 200.8	04/07/2015	02:28	RDB
AF33031	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/27/2015	15:29	RDB
AF33031	Chromium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	02:28	RDB
AF33031	Cobalt by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	02:28	RDB
AF33031	Copper by ICPMS	< 2.0	ug/L	2.0	EPA 200.8	03/26/2015	19:25	RDB
AF33031	Lead by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	19:25	RDB
AF33031	Nickel by ICPMS	< 2.0	ug/L	2.0	EPA 200.8	04/07/2015	02:28	RDB
AF33031	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	19:25	RDB
AF33031	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	19:25	RDB
AF33031	Vanadium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	02:28	RDB
AF33031	Zinc by ICPMS	< 10	ug/L	10	EPA 200.8	04/07/2015	02:28	RDB
AF33031	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	18:52	NVR
AF33031	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Acetone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Benzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRSW2
SAMPLE DATE-TIME: 03/24/2015 13:20
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33031	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Styrene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Toluene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL
AF33031	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	12:30	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRSW3
SAMPLE DATE-TIME: 03/24/2015 12:35
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33032**							
AF33032	Metals Digestion	Completed			EPA 200.2	03/26/2015	08:43	CJG
AF33032	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	18:29	CJG
AF33032	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/27/2015	15:32	RDB
AF33032	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/27/2015	15:32	RDB
AF33032	Barium by ICPMS	< 100	ug/L	100	EPA 200.8	04/07/2015	02:32	RDB
AF33032	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/27/2015	15:32	RDB
AF33032	Chromium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	02:32	RDB
AF33032	Cobalt by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	02:32	RDB
AF33032	Copper by ICPMS	< 2.0	ug/L	2.0	EPA 200.8	03/26/2015	19:50	RDB
AF33032	Lead by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	19:50	RDB
AF33032	Nickel by ICPMS	2.3	ug/L	2.0	EPA 200.8	04/07/2015	02:32	RDB
AF33032	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	19:50	RDB
AF33032	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	19:50	RDB
AF33032	Vanadium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	02:32	RDB
AF33032	Zinc by ICPMS	< 10	ug/L	10	EPA 200.8	04/07/2015	02:32	RDB
AF33032	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	18:58	NVR
AF33032	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Acetone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Benzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRSW3
SAMPLE DATE-TIME: 03/24/2015 12:35
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33032	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Styrene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Toluene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL
AF33032	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	11:38	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRSW4
SAMPLE DATE-TIME: 03/24/2015 13:05
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
Sample ID:	**AF33033**							
AF33033	Metals Digestion	Completed			EPA 200.2	03/26/2015	08:43	CJG
AF33033	Beryllium by ICPOES	< 2.0	ug/L	2.0	EPA 200.7	04/09/2015	18:33	CJG
AF33033	Antimony by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/27/2015	15:35	RDB
AF33033	Arsenic by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/27/2015	15:35	RDB
AF33033	Barium by ICPMS	< 100	ug/L	100	EPA 200.8	04/07/2015	02:37	RDB
AF33033	Cadmium by ICPMS	< 1.0	ug/L	1.0	EPA 200.8	03/27/2015	15:35	RDB
AF33033	Chromium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	02:37	RDB
AF33033	Cobalt by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	02:37	RDB
AF33033	Copper by ICPMS	< 2.0	ug/L	2.0	EPA 200.8	03/26/2015	19:55	RDB
AF33033	Lead by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	19:55	RDB
AF33033	Nickel by ICPMS	< 2.0	ug/L	2.0	EPA 200.8	04/07/2015	02:37	RDB
AF33033	Selenium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	19:55	RDB
AF33033	Silver by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	03/26/2015	19:55	RDB
AF33033	Vanadium by ICPMS	< 5.0	ug/L	5.0	EPA 200.8	04/07/2015	02:37	RDB
AF33033	Zinc by ICPMS	< 10	ug/L	10	EPA 200.8	04/07/2015	02:37	RDB
AF33033	Thallium (TOTAL) Furnace	< 5.0	ug/L	5.0	EPA 200.9	03/30/2015	19:03	NVR
AF33033	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Acetone	Less than	ug/L	10	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Acrolein	Less than	ug/L	50	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Benzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Bromoform	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Bromomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Chloroethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL

CHARLOTTE WATER

Laboratory Analysis Report
Report Date: 04/20/2015 16:29

Environmental Laboratory Services

LOCATION: GWO-92265
LOC ID: G-6002-HRSW4
SAMPLE DATE-TIME: 03/24/2015 13:05
SAMPLE DESCRIPTION: Grab

CHAIN OF CUSTODY #: 150324023

	Parameter	Result	Units	RL	Method	Start Date	/ Time	Analyst
AF33033	Chloroform	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Chloromethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Dibromomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Iodomethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Styrene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Toluene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL
AF33033	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	03/26/2015	13:49	MLL

Comment:

Laboratory Supervisor: _____

The results contained on this report are specific to the samples listed above.

Charlotte Water-Environmental Laboratory Services N.C.
Certification No. 192 N.C.DHHS Certification No. 37417 EPA Certification No. 01215
4222 Westmont Drive, Charlotte, North Carolina 28217

CHARLOTTE-MECKLENBURG UTILITY DEPARTMENT

ENVIRONMENTAL LABORATORY SERVICES

4222 Westmont Drive, Charlotte, NC 28217 (704) 336 - 2854 or (704) 622 - 7280

NC DENR Certification No. 192; NC DHHS Certification No. 37417; US EPA Certification No. 01215

CHARLOTTE. CHARLOTTE-MECKLENBURG UTILITY DEPARTMENT

CHAIN OF CUSTODY RECORD

COC #: 150324002 PAGE 1 OF 4

CLIENT:	Mecklenburg County, LUESA - Solid Waste Services	Send REPORT To:	Amber Grzymski, 700 North Tryon Street, Charlotte, NC 28202
FACILITY:	Holbrooks Road Landfill, Permit #60-02	Send INVOICE To:	Joe Hack, 700 North Tryon Street, Charlotte, NC 28202
ADDRESS:	15401 Holbrooks Road	Sampled By (Print Name):	Amber R. Grzymski
LAB CODE:	HOLBROOKS	Witnessed By (Print & Sign Name - If Applicable):	
		Project Name or Code:	HOLBROOKS

LOCATION DESCRIPTION: GWO - 92265

Sample ID	Sample Collector's Initials	Sample Collection: Begin Date / Time	Sample Collection: End Date / Time	Chlorinated System: (Y/N)	Sample Temperature: Collection Temp, °C	Sample Temperature: Receipt Temp, °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Composite	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # of Containers	Chemical Preservative: None	Chemical Preservative: HNO3	Chemical Preservative: H2SO4	Chemical Preservative: NaOH	Chemical Preservative: HCl	Chemical Preservative: Na2S2O3	Chemical Preservative: pH Correct?	Analyses: VOA, EPA 8260	Analyses: Metals (List Below)	CUSTOMER USE ONLY Field Analysis: Conductivity (ms/cm)	CUSTOMER USE ONLY Field Analysis: pH (s.u.)	LAB USE ONLY LABORATORY SAMPLE ID
G-6002-HRW7	ARG	3/24/15 11:00	NA NA	N	18.5	3.8				x		40 ml	2					x			x		0.528	6.1	AF33019 A1-A2
G-6002-HRW7	ARG	3/24/15 11:00	NA NA	N	18.5	4.2				x	500 ml		1	x								x			↓ B
G-6002-HRW18	ARG	3/24/15 10:40	NA NA	N	16.4	3.7				x		40 ml	2					x			x		1.370	6.4	AF33020 A1-A2
G-6002-HRW18	ARG	3/24/15 10:40	NA NA	N	16.4	4.2				x	500 ml		1	x								x			↓ B
G-6002-HRW19	ARG	3/24/15 10:05	NA NA	N	14.1	2.3				x		40 ml	2					x			x		0.317	6.2	AF33021 A1-A2
G-6002-HRW19	ARG	3/24/15 10:05	NA NA	N	14.1	2.1				x	500 ml		1	x								x			↓ B
G-6002-HRW20	ARG	3/24/15 10:25	NA NA	N	14.8	2.4				x		40 ml	2					x			x		0.251	6.0	AF33022 A1-A2
G-6002-HRW20	ARG	3/24/15 10:25	NA NA	N	14.8	1.6				x	500 ml		1	x								x			↓ B
G-6002-HRW21	ARG	3/24/15 9:50	NA NA	N	15.7	2.9				x		40 ml	2					x			x		0.493	5.9	AF33023 A1-A2
G-6002-HRW21	ARG	3/24/15 9:50	NA NA	N	15.7	1.8				x	500 ml		1	x								x			↓ B
G-BLANK	ARG	3/24/15 9:16	NA NA	N	20.6	3.0				x		40 ml	2					x			x				AF33024 A1-A2

Instructions:

Complete all yellow shaded areas. Blue areas are for LAB USE ONLY

For each parameter requested, circle the "x" to verify your request.

Nutrients include: Nitrate/Nitrite, TKN, Total Phosphours, Ammonia

Itemize Metals Here: Sb, As, Ba, Be, Cd, Cr, Co, Pb, Ni, Se, Ag, Tl, V, Cu, Zn

For Composite samples, record the autosampler BEGIN and END date/time.

For Grab samples, record the collection time as the BEGIN date/time only.

Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
		3-24-15	1515
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:

Form Revision 08; Effective April 1, 2012

CHARLOTTE-MECKLENBURG UTILITY DEPARTMENT

ENVIRONMENTAL LABORATORY SERVICES

4222 Westmont Drive, Charlotte, NC 28217 (704) 336 - 2854 or (704) 622 - 7280
NC DENR Certification No. 192; NC DHHS Certification No. 37417; US EPA Certification No. 01215

CHARLOTTE. CHARLOTTE-MECKLENBURG UTILITY DEPARTMENT

CHAIN OF CUSTODY RECORD

DOC #: 15-0324023 PAGE 2 OF 4

CLIENT:	Mecklenburg County, LUESA - Solid Waste Services	Send REPORT To:	Send INVOICE To:
FACILITY:	Holbrooks Road Landfill, Permit #60-02	Amber Grzymski	Joe Hack
ADDRESS:	15401 Holbrooks Road	700 North Tryon Street	700 North Tryon Street
LAB CODE:	HOLBROOKS	Charlotte, NC 28202	Charlotte, NC 28202

Sampled By (Print Name): Amber R. Grzymski

Witnessed By (Print & Sign Name - If Applicable):

Project Name or Code: HOLBROOKS

LOCATION DESCRIPTION: GWO - 92266

Sample ID	Sampe Collector's Initials	Sample Collection: Begin Date / Time	Sample Collection: End Date / Time	Chlorinated System: (Y/N)	Sample Temperature: Collection Temp, °C	Sample Temperature: Receipt Temp, °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Composite	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # of Containers	Chemical Preservative: None	HNO3	H2SO4	NaOH	HCl	Na2S2O3	pH Correct?	Analyses: VOA, EPA 8260	Metals (List Below)	CUSTOMER USE ONLY Field Analysis: Conductivity (ms/cm)	pH (s.u.)	LAB USE ONLY LABORATORY SAMPLE ID
G-6002-HRW10	ARG	3/24/15 12:55	NA NA	N	10.4	1.7				x		40 ml	2					x			x		0.627	6.7	AF33025 A1-A2
G-6002-HRW10	ARG	3/24/15 12:55	NA NA	N	10.4	1.3				x	500 ml		1		x							x			↓ B
G-6002-HRW11R	ARG	3/24/15 12:10	NA NA	N	12.2	2.3				x		40 ml	2					x			x		0.448	5.7	AF33026 A1-A2
G-6002-HRW11R	ARG	3/24/15 12:10	NA NA	N	12.2	1.8				x	500 ml		1		x							x			↓ B
G-6002-HRW13	ARG	3/24/15 12:35	NA NA	N	10.7	1.8				x		40 ml	2					x			x		0.694	5.9	AF33027 A1-A2
G-6002-HRW13	ARG	3/24/15 12:35	NA NA	N	10.7	3.5				x	500 ml		1		x							x			↓ B
~~G-BLANK~~	ARG		NA NA	N						x		40 ml	2					x			x				

Instructions:
Complete all yellow shaded areas. Blue areas are for LAB USE ONLY.
For each parameter requested, circle the "x" to verify your request.
Nutrients include: Nitrate/Nitrite, TKN, Total Phosphours, Ammonia
Itemize Metals Here: Sb, As, Ba, Be, Cd, Cr, Co, Pb, Ni, Se, Ag, Tl, V, Cu, Zn
For Composite samples, record the autosampler BEGIN and END date/time.
For Grab samples, record the collection time as the BEGIN date/time only.

Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
[signature]	[signature]	3-24-15	1515
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:

Form Revision 08; Effective April 1, 2012

CHARLOTTE-MECKLENBURG UTILITY DEPARTMENT

ENVIRONMENTAL LABORATORY SERVICES

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CHARLOTTE
CHARLOTTE-MECKLENBURG UTILITY DEPARTMENT

CHAIN OF CUSTODY RECORD

COC #: 150329.023

CLIENT:	Mecklenburg County, LUESA - Solid Waste Services	Send REPORT To:	Send INVOICE To:
FACILITY:	Holbrooks Road Landfill, Permit #60-02	Amber Grzymski	Joe Hack
ADDRESS:	15401 Holbrooks Road	700 North Tryon Street	700 North Tryon Street
LAB CODE:	HOLBROOKS	Charlotte, NC 28202	Charlotte, NC 28202

Sampled By (Print Name): Amber R. Grzymski

Witnessed By (Print & Sign Name - If Applicable):

Project Name or Code: HOLBROOKS

LOCATION DESCRIPTION: GWO - 92267

Sample ID	Sample Collector's Initials	Sample Collection: Begin Date / Time	Sample Collection: End Date / Time	Chlorinated System: (Y/N)	Sample Temperature: Collection Temp, °C	Sample Temperature: Receipt Temp, °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Composite	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # of Containers	Chemical Preservative: None	Chemical Preservative: HNO3	Chemical Preservative: H2SO4	Chemical Preservative: NaOH	Chemical Preservative: HCl	Chemical Preservative: Na2S2O3	Chemical Preservative: pH Correct?	Analyses: VOA, EPA 8260	Analyses: Metals (List Below)	CUSTOMER USE ONLY Field Analysis: Conductivity (ms/cm)	CUSTOMER USE ONLY Field Analysis: pH (s.u.)	LAB USE ONLY LABORATORY SAMPLE ID
G-6002-HRW8	ARG	3/24/15 14:10	NA NA	N	11.0	3.2				x		40 ml	2					x			x		0.078	6.7	AP 33030 A1-A2
G-6002-HRW8	ARG	3/24/15 14:10	NA NA	N	11.0	3.1				x	500 ml		1	x								x			↓ B
G-6002-HRW9	ARG	3/24/15 13:55	NA NA	N	14.8	3.1				x		40 ml	2					x			x		0.850	6.2	AP 33029 A1-A2
G-6002-HRW9	ARG	3/24/15 13:55	NA NA	N	14.8	4.5				x	500 ml		1		x							x			↓ B
G-6002-HRW16	ARG	3/24/15 13:40	NA NA	N	11.9	3.2				x		40 ml	2					x			x		0.086	6.3	AP 33030 A1-A2
G-6002-HRW16	ARG	3/24/15 13:40	NA NA	N	11.9	4.0				x	500 ml		1	x								x			↓ B
~~G-BLANK~~	ARG		NA NA	N						x		40 ml	2					x			x				

Instructions:

Complete all yellow shaded areas. Blue areas are for LAB USE ONLY

For each parameter requested, circle the "x" to verify your request.

Nutrients include: Nitrate/Nitrite, TKN, Total Phosphours, Ammonia

Itemize Metals Here: Sb, As, Ba, Be, Cd, Cr, Co, Pb, Ni, Se, Ag, Tl, V, Cu, Zn

For Composite samples, record the autosampler BEGIN and END date/time.

For Grab samples, record the collection time as the BEGIN date/time only.

Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
[signature]	[signature]	3-24-15	1515
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:

Form Revision 08; Effective April 1, 2012

CHARLOTTE-MECKLENBURG UTILITY DEPARTMENT

ENVIRONMENTAL LABORATORY SERVICES

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CHARLOTTE
CHARLOTTE-MECKLENBURG UTILITY DEPARTMENT

CHAIN OF CUSTODY RECORD

COC #: 1503240 23

CLIENT:	Mecklenburg County, LUESA - Solid Waste Services	Send REPORT To:	Amber Grzymski 700 North Tryon Street Charlotte, NC 28202
FACILITY:	Holbrooks Road Landfill, Permit #60-02	Send INVOICE To:	Joe Hack 700 North Tryon Street Charlotte, NC 28202
ADDRESS:	16401 Holbrooks Road	Sampled By (Print Name):	Amber R. Grzymski
LAB CODE:	HOLBROOKS	Witnessed By (Print & Sign Name - If Applicable):	
		Project Name or Code:	HOLBROOKS

LOCATION DESCRIPTION: GWO - 92268

Sample ID	Sample Collector's Initials	Sample Collection: Begin Date / Time	Sample Collection: End Date / Time	Chlorinated System: (Y/N)	Sample Temperature: Collection Temp. °C	Sample Temperature: Receipt Temp. °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Composite	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # of Containers	Chemical Preservative: None	Chemical Preservative: HNO3	Chemical Preservative: H2SO4	Chemical Preservative: NaOH	Chemical Preservative: HCl	Chemical Preservative: Na2S2O3	Chemical Preservative: pH Correct?	Analyses: VOA, EPA 8260	Analyses: Metals (List Below)	CUSTOMER USE ONLY Field Analysis: Conductivity (ms/cm)	CUSTOMER USE ONLY Field Analysis: pH (s.u.)	LAB USE ONLY LABORATORY SAMPLE ID
G-6002-HRSW2	ARG	3/24/15 12:20	NA NA	N	14.8	18				X		40 ml	2					X			X		0.216	7.4	AF 33031 A'-A2
G-6002-HRSW2	ARG	3/24/15 12:20	NA NA	N	14.8	18				X	500 ml		1	X							X				AF 33031 B
G-6002-HRSW3	ARG	3/24/15 12:35	NA NA	N	12.9	25				X		40 ml	2					X			X		0.240	6.9	AF 33032 A'-A2
G-6002-HRSW3	ARG	3/24/15 12:35	NA NA	N	12.9	22				X	500 ml		1	X							X				B
G-6002-HRSW4	ARG	3/24/15 13:05	NA NA	N	14.4	5.1				X		40 ml	2					X			X		0.214	7.3	AF 33033 A'-A2
G-6002-HRSW4	ARG	3/24/15 13:05	NA NA	N	14.4	1.7				X	500 ml		1	X							X				B
G-BLANK	ARG		NA NA	N						X		40 ml	2					X			X				

Instructions:

Complete all yellow shaded areas. Blue areas are for LAB USE ONLY!

For each parameter requested, circle the "x" to verify your request.

Nutrients include: Nitrate/Nitrite, TKN, Total Phosphours, Ammonia

Itemize Metals Here: Sb, As, Ba, Be, Cd, Cr, Co, Pb, Ni, Se, Ag, Tl, V, Cu, Zn

For Composite samples, record the autosampler BEGIN and END date/time.

For Grab samples, record the collection time as the BEGIN date/time only.

Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
[signature]	[signature]	3-24-15	1515
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:

Form Revision 08; Effective April 1, 2012

Title: **Sample Receipt Checklist**
Release Date: December 12, 2011
Revision Date: January 29, 2013
Version: 2.0

Charlotte-Mecklenburg Utility Department
Environmental Laboratory Services
4222 Westmont Drive
Charlotte, North Carolina 28217

Sample Receipt Checklist

Completed by: **Initials :** TRL **Date/Time:** 3-24-15 1515 **COC#:** 15032402 3

Sample Matrix: ☑ Wastewater ☐ Drinking Water ☐ *Crypto/Giardia* (LT2) ☐ Other: _____

Customer Name: ☐ WWTP: (Write Plant Name Below) ☐ Industrial Samples ☐ LT2: (Write Customer Name Below)
☐ LUESA-Water Quality
☐ CMUD-Water Treatment ☐ LUESA-GWS ☐ Other: (Write Customer Name Below)
☐ Water Distribution ☑ LUESA-SWP

Courier: ☐ CourierNet ☑ Customer ☐ CMUD-Laboratory ☐ FedEx ☐ UPS ☐ Other: _____

Custody Seals on Cooler/Box Present: ☐ Yes ☐ No ☑ N/A **Custody Seal(s) Intact?:** ☐ Yes ☐ No ☑ N/A
Shipping Container Intact: ☐ Yes ☐ No ☑ N/A **Type of Ice Used:** ☑ Wet ☐ Blue ☐ None
Packing Material Used: ☐ Bubble Wrap/Bags ☐ Peanuts ☑ None ☐ Other: _____

Thermal Preservation:
*Measure sample temperature immediately; Apply the Daily IR Correction Factor.
*Notify management immediately of any samples that do not meet temperature requirements or are frozen.
***If multiple parameters, in additional to BacT are collected for a site, two receipt temperatures must be measured. A receipt temperature for the BacT plus another bottle must be measured and recorded on the COC.**

Requirements: **DW: < 6.0°C** **WW: < 6°C** **BacT: < 10°C** **LT2 Crypto/Giardia: < 20°C** **LT2 E. coli: < 10°C**

Have all samples requiring a receipt temperature been measured and recorded? ☑ Yes ☐ No If no, explain below.
Do all sample receipt temperatures meet requirements? ☑ Yes ☐ No If no, explain below.

_____

_____

* At time of receipt into the laboratory, if a sample does not meet the temperature requirement, a downward trend is required. Initial temperature from the sample collector becomes critical. If samples are received next day, receipt temperatures must meet requirements listed above.

Chemical Preservation: **Note:** *If samples are not preserved correctly, notify Personnel. **Do not check BacT, TOC, VOA, THM and HAA.**
All containers needing preservation have been checked? ☑ Yes ☐ No ☐ N/A
All containers needing preservation are found to be in EPA compliance? ☑ Yes ☐ No ☐ N/A
If no, explain. _____

_____

***If the pH of a metals (not including Hg) is incorrect, follow these steps.**
1. On the COC, document sample pH prior to adding additional preservative.
2. On the COC and sample bottle, document the date/time additional preservative is added to the sample.
3. No comment is needed in LIMS.

***If the pH of any other chemically preserved sample is incorrect (not including metals), follow these steps:**
1. Any samples not properly preserved must be qualified with a comment on the COC and in LIMS.
2. Notify personnel immediately of samples not correctly preserved.

If possible, substitute a correctly preserved bottle. Document on the COC and notify personnel. Write "DO NOT USE" on the incorrectly preserved bottle.

COC Properly Filled Out? ☑ Yes ☐ No If no, explain. _____

_____

COC Correction sent to Customer? ☐ Yes ☐ No ☑ N/A

Do sample labels agree with the COC? ☑ Yes ☐ No If no, explain. _____

_____

_____

All sample bottles accounted for? ☑ Yes ☐ No **Samples Arrived within Hold Time?** ☑ Yes ☐ No (If no, notify Project Mgr)
Correct Bottles Used? ☑ Yes ☐ No **CMUD Containers Used?** ☑ Yes ☐ No
VOA Vials have Zero Headspace (< 6 mm)? ☑ Yes ☐ No ☐ N/A *Bubbles should be no larger than:

Short Hold Analyses (< 48 hrs)? ☐ Yes ☑ No If yes, notify Laboratory Section(s). **Rush Turn Around Time (TAT)?** ☐ Yes ☑ No If yes , notify Project Manager.