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):

Municipal Engineering Services Co., PA

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

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

E-mail: jpfohl@mesco.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Lenoir County Subtitle D Lined MSWLF, Phase 1	2949 Hodges Farm Road LaGrange, NC 28501	54-09	.1600	July 7-8, 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.

Steven R. Gandy, Ph.D., P.E. | Senior Project Manager | (919) 772-5393

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

Signature | Date: 5/31/16

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA PROFESSIONAL SEAL 31020 ENGINEER STEVEN R. GANDY

P.O. Box 97, Garner, NC 27529

Facility Representative Address

C-0281

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

Revised 6/2009

Semi-Annual Water Quality Monitoring Report

Prepared for

Lenoir County Subtitle D Lined MSWLF
LaGrange, North Carolina

July 2015

Permit Number: 54-09
MESCO Project Number: G15029.0

P.O. Box 97
Garner, NC 27529
License No. C-0281

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

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License No. C-0281

CIVIL/SANITARY/ENVIRONMENTAL ENGINEERS

SOLID WASTE MANAGEMENT

Municipal Services

Engineering Company, P.A.

SITE PLANNING/SUBDIVISIONS

SUBSURFACE UTILITY ENGINEERING (SUE)

May 31, 2016

Ms. Jaclynne Drummond
Solid Waste Section (SWS)
NC Department of Environmental Quality (NCDEQ)
2090 US Highway 70
Swannanoa, NC 28778

Re: ***Semi-Annual Water Quality Monitoring Report***
Lenoir County Subtitle D Lined Landfill, Phase 1
Permit No. 54-09
MESCO Project No. G15029.0
Event Date(s): July 7-8, 2015

Dear Ms. Drummond:

Introduction

On behalf of Lenoir County, Municipal Engineering Services Company, P.A. (MESCO) is pleased to present this *Semi-Annual Water Quality Report* for the summer 2015 event performed at the Lenoir County Subtitle D Lined Municipal Solid Waste Landfill (MSWLF), Phase 1. NCDENR Solid Waste Rules 15A NCAC 13B.1632 requires that Lenoir County provide this report to the SWS on a semi-annual basis. This report documents the quality of the groundwater, surface waters and leachate during this monitoring event performed on July 7-8, 2015. Laboratory analytical results indicate that constituents continue to not be detected in excess of any applicable water quality Standard.

Background

The Lenoir County Subtitle D lined MSWLF, permit #54-09, is located at 2949 Hodges Farm Road, LaGrange, North Carolina. The site location topographic map is depicted in the attached **Figure 1**. The lined MSWLF is currently not accepting waste rather being transferred to another out of county MSWLF.

Water quality at this facility has been monitored at least semi-annually since prior to operation in 2003 with all historical analytical data available for trend comparison.

As specified within 15A NCAC 13B.1632(j), the SWS Environmental Monitoring Report Form and SWS issued memorandums this report contains sampling procedures, field and laboratory results, groundwater and surface water characterization. Well construction summary table, sampling and analysis summary table, detections compared to Standards tables, hydrogeologic properties table, potentiometric map, field parameters, laboratory analytical reports with quality assurance/quality control data and chains-of-custody (C-O-C) are also included in this report.

PO Box 97, Garner, North Carolina 27529 (919) 772-5393 PO Box 349, Boone, NC 28607 (828) 262-1767

Sampling Procedure

Environment 1 (E1) of Greenville, NC reportedly performed this sampling event utilizing portable monitoring methodology in accordance with the approved Sampling & Analysis Plan (SAP) contained in the Lenoir County Landfill, Phase 1 *Design Hydrogeologic Study* dated August 19, 2002. E1 reportedly collected water samples from four downgradient groundwater monitoring wells (MW-14 through MW-17), two hydraulically upgradient background wells (MW-13 and MW-18), and the the leachate lagoon (LAGOON). Quality control measures instituted during this event included submittal and analysis of an equipment blank (EB), field blank (FB) and trip blank (TB). Additional static water level readings were recorded from eleven supplementary piezometers (P-3A, P1-4, P1-14, P-14, P-17, P-22, P2-4, P2-9, P2-10, MW-19S and MW-19D) to improve potentiometric map coverage. The lone designated surface water sample point SW-3 was reported to be dry. Monitoring locations are shown in **Figure 2**. A summary detailing the construction of the water monitoring wells is presented on **Table 1**.

Field Parameter Data

E1 reported the field parameters (pH, static water levels, specific conductance, temperature and turbidity) in the laboratory analysis report (**Appendix A)**.

Laboratory Results

Samples collected from monitoring wells contained in the SAP and blanks (EB,FB) were analyzed for the VOC and total metal constituents listed in Appendix I of 40 CFR Part 258. The lined leachate lagoon (LAGOON) samples were tested for the SWS required leachate specific parameters (Appendix I VOCs and metals, nitrate, phosphorus, chemical oxygen demand, biological oxygen demand, pH, and sulfate). A sampling and analysis table summarizing the locations, target parameters and laboratory methods is presented as **Table 2**. E1 documentation indicates samples were transported under C-O-C protocols and analyzed within the specified hold times for each method.

Water samples were analyzed to the laboratory-established Method Detection Limits (MDL), which are at or below the current Solid Waste Section Limits (SWSL). **Table 3** summarizes constituents detected in groundwater and surface water samples that attain or were above the current SWSL, Groundwater Protection Standards (GWP), North Carolina Groundwater Standards (2L), the applicable North Carolina Surface Water Standards (2B) for a Class C water-body, and Maximum Contaminant Levels (MCL) also known as "Federal Primary Drinking Water Standards". Laboratory results and COC are presented in **Appendix A**.

Quality Control Samples

Six out of fifteen total metals were detected in low "j-qualified" concentrations in the blanks (EB and FB). Although the field and/or laboratory induced artifact contamination was identified it is unlikely the data set for the lined landfill has been influenced by false positives or high bias.

Groundwater Samples

Constituents continue to be absent in any groundwater sample in concentrations exceeding the 2L, GWP or MCL Standards.

Surfacewater Samples

Surfacewater monitoring point SW-3 was dry; thus, no surface water information was reported for this event.

Leachate Samples

None of the targeted contaminate constituents were detected in a quantifiable concentration in the leachate sample collected from the lined lagoon (LAGOON).

Groundwater and Surface Water Characterization

A single-day potentiometric map of the surficial aquifer created from groundwater elevation data recorded during this event is presented as **Figure 2.** Groundwater flow rates and directions were calculated based on this data and are included in **Table 3.** Groundwater flow was in a general northeasterly direction towards the designated wetlands and rates calculated by modified Darcy's equation ranged from approximately 4 feet/year (MW-13) to 336 feet/year (MW-14) with an average of 123 feet/year for all wells. Flow directions and gradients are generally consistent with historical observations. Surface water sampling point SW-3 has reportedly been dry during each monitoring event since July 2007.

Findings

Laboratory data results continue to indicate that groundwater around the MSWLF and leachate lagoon remain unimpacted.

Closing

Detection monitoring continued and the site was sampled again in January 2016. Please contact us with any questions by phone at (919) 772-5393 or by email at jpfohl@mesco.com.

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

Jonathan Pfohl
Environmental Specialist

Steven R. Gandy, Ph.D, P.E.
Senior Project Manager

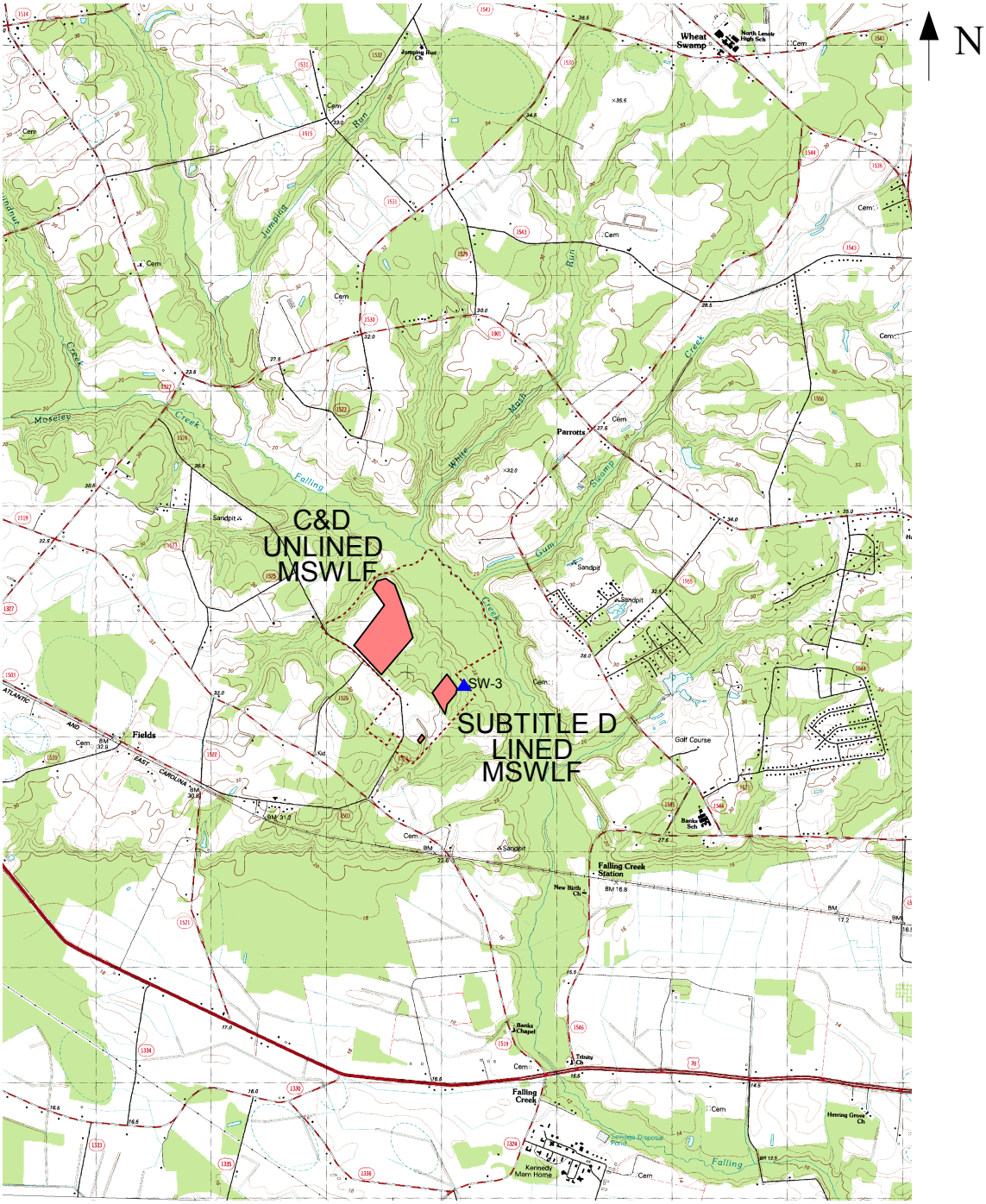
Enclosures

cc: Mr. Tom Miller
Lenoir County

Ms. Christine Ritter
NC SWS

Figures

Topographic Map with Site Location
Lenoir County Landfill Facility



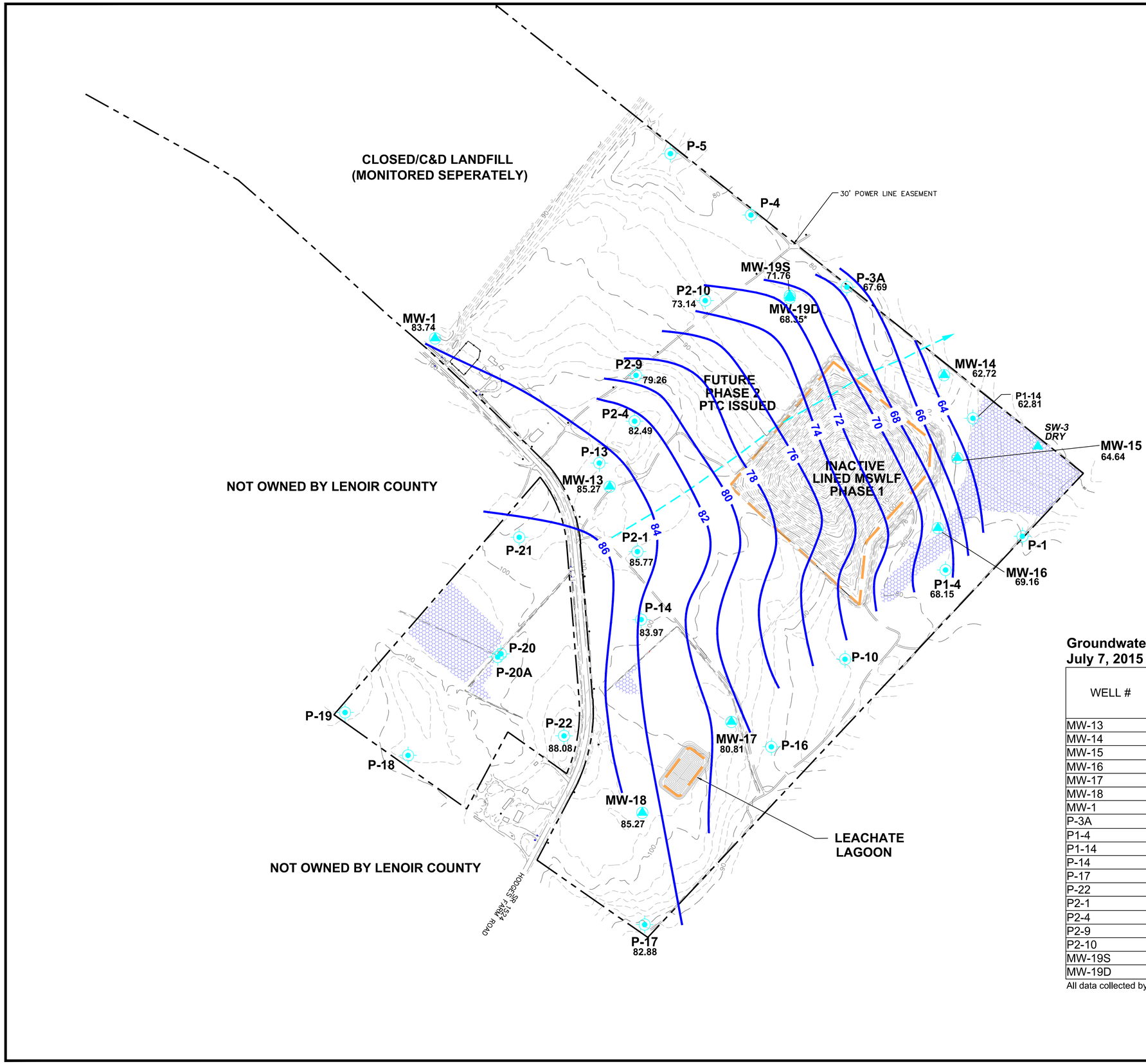
2949 Hodges Farm Rd (SR1524)
LaGrange, NC 28501
Lat:35-17-07.4269
Long:-77-42-32.7453
Northing:561295.59
Easting:2385220.32

QUADRANGLE LEGEND

ROAD CLASSIFICATION

Primary highway, hard surface
Light-duty road, hard or improved surface
Secondary highway, hard surface
Unimproved road
Interstate Route
U. S. Route
State Route

FIGURE 1



GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

LEGEND

- 250 — EXISTING TOPOGRAPHIC CONTOURS
- EXISITING ROAD/PATH
- EXISTING CREEK, STREAM, ETC.
- EXISTING PROPERTY LINE
- LINED MSWLF PHASE LIMITS
- 80 — POTENTIOMETRIC GROUNDWATER CONTOUR
- GENERAL UPPERMOST GROUNDWATER FLOW DIRECTION
- WETLANDS
- SW-3 — SURFACE WATER SAMPLING LOCATION
- MW-14 — MONITORING WELL
- P1-14 — PIEZOMETER SYMBOL

Groundwater Levels & Detections Above 2L Standards
July 7, 2015

WELL #	TOP OF CASING ELEVATION (FT AMSL)	DEPTH TO WATER (FT BTOC)	GROUNDWATER POTENTIOMETRIC ELEVATION (FT AMSL)
MW-13	107.81	22.54	85.27
MW-14	74.81	12.09	62.72
MW-15	71.64	7.00	64.64
MW-16	76.36	7.20	69.16
MW-17	101.06	20.25	80.81
MW-18	106.74	21.47	85.27
MW-1	98.34	14.60	83.74
P-3A	82.19	14.50	67.69
P1-4	78.80	10.65	68.15
P1-14	69.22	6.41	62.81
P-14	104.07	20.10	83.97
P-17	90.57	7.69	82.88
P-22	110.40	22.32	88.08
P2-1	104.98	19.21	85.77
P2-4	107.62	25.13	82.49
P2-9	101.95	22.69	79.26
P2-10	88.14	15.00	73.14
MW-19S	85.76	14.00	71.76
MW-19D	85.87	16.98	68.89

All data collected by Environment I Incorporated personnel

FIGURE 2

Municipal Engineering Services Company, P.A.
P.O. BOX 97, GARNER, N.C. 27529 (919) 772-5393
P.O. BOX 349 BOONE, N.C. 28607 (828) 262-1767
LICENSE NUMBER: C-0281

SUBTITLE D LINED MSW LANDFILL FACALITY
LENOIR COUNTY NORTH CAROLINA

DATE	BY	REV.	DESCRIPTION

POTENTIOMETRIC MAP OF UPPERMOST AQUIFER

SCALE: SEE BAR SCALE
DATE: 11/4/15
DRWN. BY: R. MOSS
CHKD. BY: S. GANDY
PROJECT NUMBER G15029.0
DRAWING NO. FIGURE 2
SHEET NO. 1 OF 1

Tables

Table 1
Groundwater Monitoring Well Construction Table
July 7-8, 2015

Monitoring Well	Date Installed	Well Diameter	Total Well Depth	Top of Screen Depth	Screen Length	Geology of Screened Interval	Top of Casing Elevation	Ground Elevation	Groundwater Elevation	Depth to Water	Latitude	Longitude
		(inches)	(ft bgs)	(ft bgs)	(ft)		(ft amsl)	(ft amsl)	(ft amsl)	(ft btoc)		
MW-13	9/3/03	2	29.4	14.40	15	Silty Sand	107.81	105.79	85.27	22.54	N35° 17' 23.50"	W77° 42' 28.56"
MW-14	9/3/03	2	21	6	15	Silty Sand	74.81	72.80	62.63	12.18	N35° 17' 28.11"	W77° 42' 10.92"
MW-15	8/22/01	2	15.13	5.13	10	Silty Sand	71.64	68.69	64.64	7.00	N35° 17' 24.53"	W77° 42' 10.28"
MW-16	9/2/03	2	21	6	15	Silty Sand	76.36	73.95	69.16	7.20	N35° 17' 21.53"	W77° 42' 11.35"
MW-17	9/3/03	2	28	13	15	Silty Sand	101.06	99.06	80.81	20.25	N35° 17' 13.30"	W77° 42' 22.33"
MW-18	4/24/04	2	30.85	15.85	15	Silty Clayey Sand	106.74	103.74	85.27	21.47	N35° 17' 09.44"	W77° 42' 27.07"

NOTE:
bgs = below ground surface
amsl= above mean sea level
btoc = below top of casing (PVC well casing)

Table 2
Sampling and Analysis Summary
July 7-8, 2015

		App. I		App II		Field Parameter					Leachate					
	Reason Not Sampled	VOCs	Total Metals	VOCs	Mercury, Total	Static Depth to Water	Temperature	Conductivity	pH	Turbidity	Sulfate	pH	Phosphorus	BOD, 5 day	COD	Nitrate
		Lab EPA 8260B	Lab EPA200.8	Lab EPA 8260B	Lab EPA200.8		SM2550B	SM2510B	SM4500HB	SM2130-B	SM426C	Lab SM4500HB	Lab EPA365.4	Lab SM5210B	Lab HACH8000	Lab EPA 353.2
MW-13		x	x			x	x	x	x	x						
MW-14		x	x			x	x	x	x	x						
MW-15		x	x			x	x	x	x	x						
MW-16		x	x			x	x	x	x	x						
MW-17		x	x			x	x	x	x	x						
MW-18		x	x			x	x	x	x	x						
SW-3	Dry															
LAGOON		x	x				x	x	x	x	x	x	x	x	x	x
EB		x	x		x											
FB		x	x													
TB		x														
P-22	E					x										
MW-19S	E					x										
MW-19D	E					x										
P1-4	E					x										
P1-14	E					x										
P-3A	E					x										
P-17	E					x										
P2-1	E					x										
P2-4	E					x										
P2-9	E					x										
P2-10	E					x										

App I & II = Lists from current 40 CFR 258

E = Exempt. Not listed on SAP water level readings only.

Table 3
Detections in Water Samples above SWSL, GWP, 2L, 2B or MCL (Appendix I)
July 7, 2015

Sample ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	MCL [7]	Preliminary Cause [8]
MW-15	Barium, Total	7/7/15	116	ug/l	0.01	100	700			2000	

[1] Table contains constituents detected at or above SWSL, GWP, 2L, 2B or MCL

[2] MDL = Method Detection Limit

[3] SWSL = Solid Waste Section Reporting Limit

[4] 2L = North Carolina 15A NCAC 2L Groundwater Quality Standard

[5] 2B = North Carolina 15 NCAC 2B Surface Water Quality Standard for this Specific Stream Classification

[6] GWP = Groundwater Protection Standard

[7] MCL = Primary Drinking Water Standard (not currently applicable for regulatory comparisons)

[8] Preliminary Cause = Refers to a preliminary analysis of the cause and/or source of a detection over the respective 2L/2B Standard.

A definitive source of the detection was not determined as part of this report. Preliminary cause only listed pursuant to instructions

BOLD = Concentration > 2L, 2B, GWP or MCL Standard

Table 4
Hydrologic Properties at Monitoring Well Locations
July 7, 2015

Monitoring Well	Hydraulic Conductivity (cm/sec)	Effective Porosity (%)	Hydraulic Gradient (ft/ft)	Groundwater Velocity Rate (ft/yr)	Flow Direction	Depth To Water (ft btoc)	Water Table Elevation (ft amsl)	Screened Interval Lithology
MW-13	7.69E-05	23	0.012	4	N56E	22.54	85.27	Silty Sand
MW-14	3.38E-03	23	0.022	336	N67E	12.09	62.72	Silty Sand
MW-15	2.89E-03	23	0.016	203	N68E	7.00	64.64	Silty Sand
MW-16	9.72E-04	23	0.026	113	N73E	7.20	69.16	Silty Sand
MW-17	1.13E-03	23	0.014	72	N66E	20.25	80.81	Silty Sand
MW-18	1.25E-04	23	0.016	9	N79E	21.47	85.27	Silty Clayey Sand
Minimum	7.69E-05	23	0.01	4	-	7.00	62.72	-
Average	1.43E-03	23	0.02	123	-	15.09	74.65	-
Maximum	3.38E-03	23	0.03	336	-	22.54	85.27	-

NOTE: 1.Hydraulic conductivity (K) values based on slug test results, performed by MESCO in December 2005.
2. Effective Porosity (ne) values obtained from the MESCO Ph. 1 design hydrogeologic report completed in August 2002.
3.Static water levels recorded by Environment 1, Inc. on July 7, 2015.
Linear velocity rate (Q) is defined by modified Darcy's equation:

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

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

Appendix A
Laboratory Analysis Report
Field Analysis Report
Chains of Custody

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6053

LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON ,NC 28502

DATE COLLECTED: 07/07/15
DATE REPORTED : 08/24/15

REVIEWED BY:

PARAMETERS	MDL	SWSL	MW-13	MW-14	MW-15	MW-16	MW-17	Analysis Date	Analyst	Method Code
PH (field measurement), Units			4.4	4.5	4.4	4.4	4.1	07/07/15	TB	4500HB-00
Antimony, ug/l	0.02	6.0	0.05 J	--- U	0.03 J	--- U	--- U	07/21/15	LFJ	EPA200.8
Arsenic, ug/l	0.14	10.0	--- U	--- U	2.5 J	--- U	--- U	07/21/15	LFJ	EPA200.8
Barium, ug/l	0.01	100.0	25.4 J	25.9 J	116	29.4 J	94.3 J	07/22/15	LFJ	EPA200.8
Beryllium, ug/l	0.02	1.0	0.10 J	0.09 J	0.13 J	0.10 J	0.19 J	07/21/15	LFJ	EPA200.8
Cadmium, ug/l	0.01	1.0	0.15 J	0.02 J	0.06 J	0.08 J	0.17 J	07/21/15	LFJ	EPA200.8
Cobalt, ug/l	0.03	10.0	0.63 J	0.50 J	2.0 J	0.51 J	1.1 J	07/22/15	LFJ	EPA200.8
Total Chromium, ug/l	0.12	10.0	--- U	--- U	0.13 J	--- U	--- U	07/21/15	LFJ	EPA200.8
Copper, ug/l	0.02	10.0	0.52 J	0.18 J	0.88 J	0.23 J	0.54 J	07/22/15	LFJ	EPA200.8
Lead, ug/l	0.03	10.0	0.13 J	0.18 J	0.24 J	0.10 J	2.1 J	07/21/15	LFJ	EPA200.8
Nickel, ug/l	0.01	50.0	1.3 J	0.34 J	1.6 J	0.54 J	1.4 J	07/22/15	LFJ	EPA200.8
Selenium, ug/l	0.22	10.0	1.5 J	--- U	1.8 J	--- U	0.38 J	07/22/15	LFJ	EPA200.8
Silver, ug/l	0.01	10.0	0.01 J	--- U	--- U	--- U	--- U	07/22/15	LFJ	EPA200.8
Thallium, ug/l	0.02	5.5	0.08 J	0.03 J	0.07 J	--- U	--- U	07/21/15	LFJ	EPA200.8
Vanadium, ug/l	0.22	25.0	--- U	--- U	1.0 J	--- U	--- U	07/21/15	LFJ	EPA200.8
Zinc, ug/l	0.20	10.0	4.0 J	0.88 J	3.5 J	1.9 J	3.2 J	07/21/15	LFJ	EPA200.8
Conductivity (at 25c), uMhos/cm	1.0	1.0	53	72	442	67	211	07/07/15	TB	2510B-97
Temperature, °C			24	23	23	24	24	07/07/15	TB	2550B-00
Static Water Level, feet			22.54	12.18	7.00	7.20	20.25	07/07/15	TB	
Well Depth, feet			31.59	23.56	18.26	24.11	30.91	07/07/15	TB	
Turbidity (Field), NTU	1.0	1.0	--- U	--- U	59	1.90	--- U	07/07/15	TB	2130B-01

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6053

LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON ,NC 28502

DATE COLLECTED: 07/07/15
DATE REPORTED : 08/24/15

REVIEWED BY:

PARAMETERS	MDL	SWSL	MW-18	SW-3	Analysis Date	Analyst	Method Code
PH (field measurement), Units			4.7	Missing	07/07/15	TB	4500HB-00
Antimony, ug/l	0.02	6.0	--- U	Missing	07/21/15	LFJ	EPA200.8
Arsenic, ug/l	0.14	10.0	--- U	Missing	07/21/15	LFJ	EPA200.8
Barium, ug/l	0.01	100.0	9.4 J	Missing	07/22/15	LFJ	EPA200.8
Beryllium, ug/l	0.02	1.0	0.03 J	Missing	07/21/15	LFJ	EPA200.8
Cadmium, ug/l	0.01	1.0	0.22 J	Missing	07/21/15	LFJ	EPA200.8
Cobalt, ug/l	0.03	10.0	0.19 J	Missing	07/22/15	LFJ	EPA200.8
Total Chromium, ug/l	0.12	10.0	--- U	Missing	07/21/15	LFJ	EPA200.8
Copper, ug/l	0.02	10.0	0.26 J	Missing	07/22/15	LFJ	EPA200.8
Lead, ug/l	0.03	10.0	0.20 J	Missing	07/21/15	LFJ	EPA200.8
Nickel, ug/l	0.01	50.0	0.42 J	Missing	07/22/15	LFJ	EPA200.8
Selenium, ug/l	0.22	10.0	--- U	Missing	07/22/15	LFJ	EPA200.8
Silver, ug/l	0.01	10.0	--- U	Missing	07/22/15	LFJ	EPA200.8
Thallium, ug/l	0.02	5.5	--- U	Missing	07/21/15	LFJ	EPA200.8
Vanadium, ug/l	0.22	25.0	--- U	Missing	07/21/15	LFJ	EPA200.8
Zinc, ug/l	0.20	10.0	3.7 J	Missing	07/21/15	LFJ	EPA200.8
Conductivity (at 25c), uMhos/cm	1.0	1.0	30	Missing	07/07/15	TB	2510B-97
Temperature, °C			21	Missing	07/07/15	TB	2550B-00
Static Water Level, feet			21.47		07/07/15	TB	
Well Depth, feet			33.99		07/07/15	TB	
Turbidity (Field), NTU	1.0	1.0	7.91	Missing	07/07/15	TB	2130B-01

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON, NC 28502

CLIENT ID: 6053

ANALYST: MAO
DATE COLLECTED: 07/07/15
DATE ANALYZED: 07/09/15
DATE REPORTED: 08/24/15

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260B R1(96)

PARAMETERS, ug/l	MDL	SWSL	MW-13	MW-14	MW-15	MW-16	MW-17
1. Chloromethane	0.77	1.0	--- U	--- U	--- U	--- U	--- U
2. Vinyl Chloride	0.63	1.0	--- U	--- U	--- U	--- U	--- U
3. Bromomethane	0.67	10.0	--- U	--- U	--- U	--- U	--- U
4. Chloroethane	0.48	10.0	--- U	--- U	--- U	--- U	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U	--- U	--- U	--- U	--- U
7. Acetone	9.06	100.0	--- U	--- U	--- U	--- U	--- U
8. Iodomethane	0.26	10.0	--- U	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.23	100.0	--- U	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.64	1.0	--- U	--- U	--- U	--- U	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U	--- U	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U	--- U	--- U	--- U	--- U
15. 2-Butanone	2.21	100.0	--- U	--- U	--- U	--- U	--- U
16. Bromochloromethane	0.27	3.0	--- U	--- U	--- U	--- U	--- U
17. Chloroform	0.25	5.0	--- U	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U	--- U	--- U	--- U	--- U
20. Benzene	0.24	1.0	--- U	--- U	0.40 J	--- U	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U	--- U	--- U	--- U	--- U
22. Trichloroethene	0.23	1.0	--- U	--- U	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.21	1.0	--- U	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U	--- U	--- U	--- U	--- U
27. Toluene	0.23	1.0	--- U	--- U	--- U	--- U	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.17	1.0	--- U	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.57	50.0	--- U	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.24	3.0	--- U	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.30	3.0	--- U	--- U	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.21	1.0	--- U	--- U	--- U	--- U	--- U
37. Xylenes	0.68	5.0	--- U	--- U	--- U	--- U	--- U
38. Dibromomethane	0.28	10.0	--- U	--- U	--- U	--- U	--- U
39. Styrene	0.19	1.0	--- U	--- U	--- U	--- U	--- U
40. Bromoform	0.20	3.0	--- U	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U	--- U	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U	--- U	--- U	--- U	--- U
46. Acrylonitrile	2.72	200.0	--- U	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U	--- U	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON, NC 28502

CLIENT ID: 6053

ANALYST: MAO
DATE COLLECTED: 07/07/15
DATE ANALYZED: 07/09/15
DATE REPORTED: 08/24/15

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260B R1(96)

PARAMETERS, ug/l	MDL	SWSL	MW-18
1. Chloromethane	0.77	1.0	--- U
2. Vinyl Chloride	0.63	1.0	--- U
3. Bromomethane	0.67	10.0	--- U
4. Chloroethane	0.48	10.0	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U
7. Acetone	9.06	100.0	--- U
8. Iodomethane	0.26	10.0	--- U
9. Carbon Disulfide	0.23	100.0	--- U
10. Methylene Chloride	0.64	1.0	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U
13. Vinyl Acetate	0.20	50.0	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U
15. 2-Butanone	2.21	100.0	--- U
16. Bromochloromethane	0.27	3.0	--- U
17. Chloroform	0.25	5.0	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U
20. Benzene	0.24	1.0	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U
22. Trichloroethene	0.23	1.0	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U
24. Bromodichloromethane	0.21	1.0	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U
27. Toluene	0.23	1.0	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U
30. Tetrachloroethene	0.17	1.0	--- U
31. 2-Hexanone	1.57	50.0	--- U
32. Dibromochloromethane	0.24	3.0	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U
34. Chlorobenzene	0.30	3.0	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U
36. Ethylbenzene	0.21	1.0	--- U
37. Xylenes	0.68	5.0	--- U
38. Dibromomethane	0.28	10.0	--- U
39. Styrene	0.19	1.0	--- U
40. Bromoform	0.20	3.0	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U
46. Acrylonitrile	2.72	200.0	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Inc.
P.O. Box 7085, 114 Oakmont Dr.
Greenville, NC 27858
environment1inc.com
Phone (252) 756-6208 • Fax (252) 756-0633

CHAIN OF CUSTODY RECORD

CLIENT: 6053 **Week:** 33

LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON NC 28502

(252) 566-4194

DISINFECTION
- [ ] CHLORINE
- [ ] UV
- [ ] NONE
- [ ] _____

																					CHLORINE NEUTRALIZED AT COLLECTION
							L2				D2	L2	D2								pH CHECK (LAB)
						P	P	P	P		G	G	G	P							CONTAINER TYPE, P/G
						A	A	A	A		E	E	E	A							CHEMICAL PRESERVATION
SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l OR ug/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	Field pH	Metals	Conductivity	Temperature	Field Parameter	EPA 8260B	8260 Dup. 1	8260 Dup. 2	Field Parmeter							PARAMETERS/TESTS
MW-13	7-7-15	1200		24	5	G	G	G	G	G	G	G	G	G							
MW-14	7-7-15	0940		23	4	G	G	G	G	G	G	G		G							
MW-15	7-7-15	1000		23	4	G	G	G	G	G	G	G		G							
MW-16	7-7-15	1020		24	4	G	G	G	G	G	G	G		G							
MW-17	7-7-15	1130		24	4	G	G	G	G	G	G	G		G							
MW-18	7-7-15	1040		21	4	G	G	G	G	G	G	G		G							
SW-3	7-7-15				4																

A - NONE D - NAOH
B - HNO_3 E - HCL
C - H_2SO_4 F - ZINC ACETATE/NAOH
G - NA THIOSULFATE

CLASSIFICATION:
- [ ] WASTEWATER (NPDES)
- [ ] DRINKING WATER
- [ ] DWQ/GW
- [X] SOLID WASTE SECTION

CHAIN OF CUSTODY (SEAL) MAINTAINED DURING SHIPMENT/DELIVERY
(Y) N

SAMPLES COLLECTED BY: (Please Print)
TOM BEASLEY

SAMPLES RECEIVED IN LAB AT 0.7 °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Tom Beasley	7-7-15 1430	B [signature]	7/7/15 231
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

COMMENTS:
SW-3 - DRY

PLEASE READ Instructions for completing this form on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blocks above for each parameter requested.

FORM #5

№ 300123

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6053 A

LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON ,NC 28502

DATE COLLECTED: 07/08/15
DATE REPORTED : 08/24/15

REVIEWED BY:

PARAMETERS	MDL	SWSL	Lagoon	Analysis Date	Analyst	Method Code
PH (field measurement), Units			8.5	07/08/15	BF	4500HB-00
BOD, mg/l	2.0	2.0	2.3	07/08/15	TRB	5210B-01
COD, mg/l	20.0	20.0	35	07/14/15	TRB	H8000-79
Nitrate Nitrogen as N, mg/l	0.04	10.0	--- U	07/10/15	KDB	353.2 R2-93
Total Phosphorus as P, mg/l	0.007	0.02	0.06	07/16/15	RND	365.4-74
Sulfate, mg/l	5.0	250.0	--- U	07/13/15	TRB	4500SO42E97
Antimony, ug/l	0.02	6.0	0.03 J	07/21/15	LFJ	EPA200.8
Arsenic, ug/l	0.14	10.0	0.22 J	07/21/15	LFJ	EPA200.8
Barium, ug/l	0.01	100.0	41.3 J	07/22/15	LFJ	EPA200.8
Beryllium, ug/l	0.02	1.0	--- U	07/21/15	LFJ	EPA200.8
Cadmium, ug/l	0.01	1.0	0.03 J	07/21/15	LFJ	EPA200.8
Cobalt, ug/l	0.03	10.0	0.05 J	07/22/15	LFJ	EPA200.8
Total Chromium, ug/l	0.12	10.0	--- U	07/21/15	LFJ	EPA200.8
Copper, ug/l	0.02	10.0	5.3 J	07/22/15	LFJ	EPA200.8
Lead, ug/l	0.03	10.0	0.11 J	07/21/15	LFJ	EPA200.8
Nickel, ug/l	0.01	50.0	0.61 J	07/22/15	LFJ	EPA200.8
Selenium, ug/l	0.22	10.0	--- U	07/22/15	LFJ	EPA200.8
Silver, ug/l	0.01	10.0	--- U	07/22/15	LFJ	EPA200.8
Thallium, ug/l	0.02	5.5	--- U	07/21/15	LFJ	EPA200.8
Vanadium, ug/l	0.22	25.0	--- U	07/21/15	LFJ	EPA200.8
Zinc, ug/l	0.20	10.0	5.6 J	07/21/15	LFJ	EPA200.8
Conductivity (at 25c), uMhos/cm	1.0	1.0	92	07/08/15	BF	2510B-97
Temperature, °C			33	07/08/15	BF	2550B-00
Turbidity (Field), NTU	1.0	1.0	4.37	07/08/15	BF	2130B-01

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON, NC 28502

CLIENT ID: 6053 A

ANALYST: MAO
DATE COLLECTED: 07/08/15
DATE ANALYZED: 07/21/15
DATE REPORTED: 08/24/15

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260B R1(96)

PARAMETERS, ug/l	MDL	SWSL	Lagoon
1. Chloromethane	0.77	1.0	--- U
2. Vinyl Chloride	0.63	1.0	--- U
3. Bromomethane	0.67	10.0	--- U
4. Chloroethane	0.48	10.0	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U
7. Acetone	9.06	100.0	--- U
8. Iodomethane	0.26	10.0	--- U
9. Carbon Disulfide	0.23	100.0	--- U
10. Methylene Chloride	0.64	1.0	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U
13. Vinyl Acetate	0.20	50.0	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U
15. 2-Butanone	2.21	100.0	--- U
16. Bromochloromethane	0.27	3.0	--- U
17. Chloroform	0.25	5.0	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U
20. Benzene	0.24	1.0	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U
22. Trichloroethene	0.23	1.0	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U
24. Bromodichloromethane	0.21	1.0	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U
27. Toluene	0.23	1.0	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U
30. Tetrachloroethene	0.17	1.0	--- U
31. 2-Hexanone	1.57	50.0	--- U
32. Dibromochloromethane	0.24	3.0	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U
34. Chlorobenzene	0.30	3.0	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U
36. Ethylbenzene	0.21	1.0	--- U
37. Xylenes	0.68	5.0	--- U
38. Dibromomethane	0.28	10.0	--- U
39. Styrene	0.19	1.0	--- U
40. Bromoform	0.20	3.0	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U
46. Acrylonitrile	2.72	200.0	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Inc.
P.O. Box 7085 34 Oakmont Dr.
Greenville, NC 27858
environment1inc.com
Phone (252) 756-6208 • Fax (252) 756-0633

CHAIN OF CUSTODY RECORD

CLIENT: 6053 A **Week: 33**

LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON NC 28502

(252) 566-4194

DISINFECTION: ☐ CHLORINE ☐ UV ☐ NONE ☐

SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l OR ug/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	Field pH	BOD	COD	Nitrate	T. Phosphorus	Sulfate	Metals	Conductivity	Temperature	EPA 8260B	8260 Dup. 1	8260 Dup. 2	Field Parmeter
							<2		<2			12			12	12	12	
						P	P	P	P	P	P	P	P	P	G	G	G	P
						A	A	C	A	C	A	A	A	A	E	E	E	A
Lagoon	7-8-15	1300			11	G	C	C	C	C	C	C	C	G	G	C	C	G

CHLORINE NEUTRALIZED AT COLLECTION

pH CHECK (LAB)

CONTAINER TYPE, P/G

CHEMICAL PRESERVATION

PARAMETERS/TESTS

A - NONE D - NAOH
B - HNO_3 E - HCL
C - H_2SO_4 F - ZINC ACETATE/NAOH
G - NA THIOSULFATE

CLASSIFICATION:

☐ WASTEWATER (NPDES)
☐ DRINKING WATER
☐ DWQ/GW
☐ X SOLID WASTE SECTION

CHAIN OF CUSTODY (SEAL) MAINTAINED DURING SHIPMENT/DELIVERY: (Y) N

SAMPLES COLLECTED BY: (Please Print) Bobby Fox / Tom Beasley

SAMPLES RECEIVED IN LAB AT 0.1 °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Bobby Fox	7-8-15 4:02	[illegible]	7/8/15 4:03
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

COMMENTS:

PLEASE READ Instructions for completing this form on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blocks above for each parameter requested.

FORM #5

№ 299387

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6053 B

LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON ,NC 28502

DATE COLLECTED: 07/06/15
DATE REPORTED : 07/07/15

REVIEWED BY:

PARAMETERS	MDL	SWSL	P-14	P-3A	P-17	P2-1	P2-4	Analysis Date	Analyst	Method Code
Static Water Level, feet			10.65	14.50	7.69	19.21	25.13	07/06/15	BF	

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6053 B

LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON ,NC 28502

DATE COLLECTED: 07/06/15
DATE REPORTED : 07/07/15

REVIEWED BY:

PARAMETERS	MDL	SWSL	P-22	MW-19S	MW-19D	P1-4	P1-14	Analysis Date	Analyst	Method Code
Static Water Level, feet			22.32	14.00	16.98	20.10	6.41	07/06/15	BF	

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6053 B

LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON ,NC 28502

DATE COLLECTED: 07/06/15
DATE REPORTED : 07/07/15

REVIEWED BY:

PARAMETERS	MDL	SWSL	P2-9	P2-10	Analysis Date	Analyst	Method Code
Static Water Level, feet			22.69	15.00	07/06/15	BF	

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Inc.
P.O. Box 7085, 114 Oakmont Dr.
Greenville, NC 27858
environment1inc.com
Phone (252) 756-6208 • Fax (252) 756-0633

CHAIN OF CUSTODY RECORD

CLIENT: 6053 B **Week:** 33

LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON NC 28502

(252) 566-4194

DISINFECTION
- ☐ CHLORINE
- ☐ UV
- ☐ NONE
- ☐ _____

CHLORINE NEUTRALIZED AT COLLECTION
pH CHECK (LAB)
CONTAINER TYPE, P/G
CHEMICAL PRESERVATION

PARAMETERS/TESTS: A - NONE; B - HNO_3; C - H_2SO_4; D - NAOH; E - HCL; F - ZINC ACETATE/NAOH; G - NA THIOSULFATE

SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l OR ug/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	Field Parameter
P-22	7-6-15	1100			1	G
MW-19S	7-6-15	1110			1	G
MW-19D	7-6-15	1115			1	G
P1-4	7-6-15	1050			1	G
P1-14	7-6-15	0920			1	G
P-14	7-6-15	1000			1	G
P-3A	7-6-15	1015			1	G
P-17	7-6-15	1025			1	G
P2-1	7-6-15	1030			1	G
P2-4	7-6-15	1035			1	G
P2-9	7-6-15	1040			1	G

CLASSIFICATION:
- ☐ WASTEWATER (NPDES)
- ☐ DRINKING WATER
- ☐ DWQ/GW
- ☒ SOLID WASTE SECTION

CHAIN OF CUSTODY (SEAL) MAINTAINED DURING SHIPMENT/DELIVERY: (Y) N

SAMPLES COLLECTED BY: (Please Print) Bobby Fox / Tom Beasley

SAMPLES RECEIVED IN LAB AT N/A °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Bobby Fox	7-6-15 1515	[signature]	7/6/15 3:46
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

COMMENTS:

FORM #5

PLEASE READ Instructions for completing this form on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blocks above for each parameter requested.

№ 300121

Environment 1, Inc.
P.O. Box 7085, 114 Oakmont Dr.
Greenville, NC 27858
environment1inc.com
Phone (252) 756-6208 • Fax (252) 756-0633

CHAIN OF CUSTODY RECORD

CLIENT: 6053 B **Week:** 33

LENOIR CO. LANDFILL (NEW)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON NC 28502

(252) 566-4194

DISINFECTION
- [ ] CHLORINE
- [ ] UV
- [ ] NONE
- [ ] _____

SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l OR ug/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	Field Parameter															
P2-10	7-6-15	1055			1	G															

CHLORINE NEUTRALIZED AT COLLECTION	
pH CHECK (LAB)	
CONTAINER TYPE, P/G	
CHEMICAL PRESERVATION	
PARAMETERS/TESTS	A - NONE; B - HNO_3; C - H_2SO_4; D - NAOH; E - HCL; F - ZINC ACETATE/NAOH; G - NA THIOSULFATE

CLASSIFICATION:
- [ ] WASTEWATER (NPDES)
- [ ] DRINKING WATER
- [ ] DWQ/GW
- [x] SOLID WASTE SECTION

CHAIN OF CUSTODY (SEAL) MAINTAINED DURING SHIPMENT/DELIVERY: Y / N

SAMPLES COLLECTED BY: (Please Print) Bobby Fox / Tom Beasley

SAMPLES RECEIVED IN LAB AT N/A °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Bobby Fox	7-6-15 1515	[illegible]	7/6/15 1516
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

COMMENTS:

FORM #5

PLEASE READ Instructions for completing this form on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blocks above for each parameter requested.

№ 300120

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6010

LENOIR CO. LANDFILL (BLANKS)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON ,NC 28502

DATE COLLECTED: 07/07/15
DATE REPORTED : 08/24/15

REVIEWED BY:

PARAMETERS	MDL	SWSL	Equipment Blank	Trip Blank	Field Blank	Analysis Date	Analyst	Method Code
Antimony, ug/l	0.02	6.0	--- U		0.05 J	07/21/15	LFJ	EPA200.8
Arsenic, ug/l	0.14	10.0	--- U		--- U	07/21/15	LFJ	EPA200.8
Barium, ug/l	0.01	100.0	--- U		--- U	07/22/15	LFJ	EPA200.8
Beryllium, ug/l	0.02	1.0	--- U		0.02 J	07/21/15	LFJ	EPA200.8
Cadmium, ug/l	0.01	1.0	0.01 J		0.01 J	07/21/15	LFJ	EPA200.8
Cobalt, ug/l	0.03	10.0	--- U		--- U	07/22/15	LFJ	EPA200.8
Total Chromium, ug/l	0.12	10.0	--- U		--- U	07/21/15	LFJ	EPA200.8
Copper, ug/l	0.02	10.0	0.16 J		0.30 J	07/22/15	LFJ	EPA200.8
Lead, ug/l	0.03	10.0	--- U		--- U	07/21/15	LFJ	EPA200.8
Mercury, ug/l	0.05	0.20	--- U			07/29/15	MTM	245.1 R3-94
Nickel, ug/l	0.01	50.0	0.13 J		0.30 J	07/22/15	LFJ	EPA200.8
Selenium, ug/l	0.22	10.0	--- U		--- U	07/22/15	LFJ	EPA200.8
Silver, ug/l	0.01	10.0	--- U		--- U	07/22/15	LFJ	EPA200.8
Thallium, ug/l	0.02	5.5	0.03 J		--- U	07/21/15	LFJ	EPA200.8
Vanadium, ug/l	0.22	25.0	--- U		--- U	07/21/15	LFJ	EPA200.8
Zinc, ug/l	0.20	10.0	1.7 J		1.4 J	07/21/15	LFJ	EPA200.8

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: LENOIR CO. LANDFILL (BLANKS)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON, NC 28502

CLIENT ID: 6010

ANALYST: MAO
DATE COLLECTED: 07/07/15
DATE ANALYZED: 07/08/15
DATE REPORTED: 08/24/15

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260B R1(96)

PARAMETERS, ug/l	MDL	SWSL	Equipment Blank	Trip Blank	Field Blank
1. Chloromethane	0.77	1.0	--- U	--- U	--- U
2. Vinyl Chloride	0.63	1.0	--- U	--- U	--- U
3. Bromomethane	0.67	10.0	--- U	--- U	--- U
4. Chloroethane	0.48	10.0	--- U	--- U	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U	--- U	--- U
7. Acetone	9.06	100.0	--- U	--- U	--- U
8. Iodomethane	0.26	10.0	--- U	--- U	--- U
9. Carbon Disulfide	0.23	100.0	--- U	--- U	--- U
10. Methylene Chloride	0.64	1.0	--- U	--- U	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U	--- U	--- U
15. 2-Butanone	2.21	100.0	--- U	--- U	--- U
16. Bromochloromethane	0.27	3.0	--- U	--- U	--- U
17. Chloroform	0.25	5.0	0.30 J	--- U	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U	--- U	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U	--- U	--- U
20. Benzene	0.24	1.0	--- U	--- U	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U	--- U	--- U
22. Trichloroethene	0.23	1.0	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U	--- U	--- U
24. Bromodichloromethane	0.21	1.0	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U	--- U	--- U
27. Toluene	0.23	1.0	--- U	--- U	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U	--- U	--- U
30. Tetrachloroethene	0.17	1.0	--- U	--- U	--- U
31. 2-Hexanone	1.57	50.0	--- U	--- U	--- U
32. Dibromochloromethane	0.24	3.0	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U	--- U	--- U
34. Chlorobenzene	0.30	3.0	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U	--- U	--- U
36. Ethylbenzene	0.21	1.0	--- U	--- U	--- U
37. Xylenes	0.68	5.0	--- U	--- U	--- U
38. Dibromomethane	0.28	10.0	--- U	--- U	--- U
39. Styrene	0.19	1.0	--- U	--- U	--- U
40. Bromoform	0.20	3.0	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U	--- U	--- U
46. Acrylonitrile	2.72	200.0	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

CHAIN OF CUSTODY RECORD

Enviror
P.O. Box 14 Oakmont Dr.
Greenville, NC 27858
environmentlinc.com
Phone (252) 756-6208 • Fax (252) 756-0633

CLIENT: 6010 **Week:** 33

LENOIR CO. LANDFILL (BLANKS)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON NC 28502

(252) 566-4194

DISINFECTION
- [ ] CHLORINE
- [ ] UV
- [ ] NONE
- [ ] _____

SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l OR ug/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	Metals	EPA 8260B	8260 Dup. 1
							22	22
						P	G	G
						A	E	E
Equipment Blank	7-7-15	0920			3	G	G	G
Trip Blank	7-7-15				2		G	G
Field Blank	7-7-15	0915			3	G	G	G

CHLORINE NEUTRALIZED AT COLLECTION

pH CHECK (LAB)

CONTAINER TYPE, P/G

CHEMICAL PRESERVATION

PARAMETERS/TESTS

A - NONE D - NAOH
B - HNO_3 E - HCL
C - H_2SO_4 F - ZINC ACETATE/NAOH
G - NA THIOSULFATE

CLASSIFICATION:
- [ ] WASTEWATER (NPDES)
- [ ] DRINKING WATER
- [ ] DWQ/GW
- [x] SOLID WASTE SECTION

CHAIN OF CUSTODY (SEAL) MAINTAINED DURING SHIPMENT/DELIVERY
(Y) N

SAMPLES COLLECTED BY:
(Please Print)
TOM BEASLEY

SAMPLES RECEIVED IN LAB AT 0.7 °

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Tom Beasley	7-7-15 1430	[signature]	7/7/15 2330
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

COMMENTS:

PLEASE READ Instructions for completing this form on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blocks above for each parameter requested.

№ 300087

FORM #5

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6010 A

LENOIR CO. LANDFILL (BLANKS)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON ,NC 28502

DATE COLLECTED: 07/08/15
DATE REPORTED : 08/24/15

REVIEWED BY:

PARAMETERS	MDL	SWSL	Equipment Blank	Trip Blank	Field Blank	Analysis Date	Analyst	Method Code
Antimony, ug/l	0.02	6.0	--- U		--- U	07/21/15	LFJ	EPA200.8
Arsenic, ug/l	0.14	10.0	--- U		--- U	07/21/15	LFJ	EPA200.8
Barium, ug/l	0.01	100.0	--- U		--- U	07/22/15	LFJ	EPA200.8
Beryllium, ug/l	0.02	1.0	--- U		--- U	07/21/15	LFJ	EPA200.8
Cadmium, ug/l	0.01	1.0	--- U		--- U	07/21/15	LFJ	EPA200.8
Cobalt, ug/l	0.03	10.0	--- U		--- U	07/22/15	LFJ	EPA200.8
Total Chromium, ug/l	0.12	10.0	--- U		--- U	07/21/15	LFJ	EPA200.8
Copper, ug/l	0.02	10.0	--- U		--- U	07/22/15	LFJ	EPA200.8
Lead, ug/l	0.03	10.0	--- U		--- U	07/21/15	LFJ	EPA200.8
Mercury, ug/l	0.05	0.20	--- U			07/10/15	MTM	245.1 R3-94
Nickel, ug/l	0.01	50.0	0.05 J		0.02 J	07/22/15	LFJ	EPA200.8
Selenium, ug/l	0.22	10.0	--- U		--- U	07/22/15	LFJ	EPA200.8
Silver, ug/l	0.01	10.0	--- U		--- U	07/22/15	LFJ	EPA200.8
Thallium, ug/l	0.02	5.5	--- U		--- U	07/21/15	LFJ	EPA200.8
Vanadium, ug/l	0.22	25.0	--- U		--- U	07/21/15	LFJ	EPA200.8
Zinc, ug/l	0.20	10.0	0.75 J		1.2 J	07/21/15	LFJ	EPA200.8

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: LENOIR CO. LANDFILL (BLANKS)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON, NC 28502

CLIENT ID: 6010 A

ANALYST: MAO
DATE COLLECTED: 07/08/15
DATE ANALYZED: 07/22/15
DATE REPORTED: 08/24/15

REVIEWED BY:

LANDFILL APPENDIX II
EPA METHOD 8260B R1(96)

PARAMETERS, ug/l	MDL	SWSL	Equipment Blank	Trip Blank	Field Blank
1. Chloromethane	0.77	1.0	--- U	--- U	--- U
2. Vinyl Chloride	0.63	1.0	--- U	--- U	--- U
3. Bromomethane	0.67	10.0	--- U	--- U	--- U
4. Chloroethane	0.48	10.0	--- U	--- U	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U	--- U	--- U
7. Acetone	9.06	100.0	--- U	--- U	--- U
8. Iodomethane	0.26	10.0	--- U	--- U	--- U
9. Carbon Disulfide	0.23	100.0	--- U	--- U	--- U
10. Methylene Chloride	0.64	1.0	--- U	--- U	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	--- U	--- U	--- U
15. 2-Butanone	2.21	100.0	--- U	--- U	--- U
16. Bromochloromethane	0.27	3.0	--- U	--- U	--- U
17. Chloroform	0.25	5.0	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U	--- U	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U	--- U	--- U
20. Benzene	0.24	1.0	--- U	--- U	--- U
21. 1,2-Dichloroethane	0.21	1.0	--- U	--- U	--- U
22. Trichloroethene	0.23	1.0	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U	--- U	--- U
24. Bromodichloromethane	0.21	1.0	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U	--- U	--- U
27. Toluene	0.23	1.0	--- U	--- U	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U	--- U	--- U
30. Tetrachloroethene	0.17	1.0	--- U	--- U	--- U
31. 2-Hexanone	1.57	50.0	--- U	--- U	--- U
32. Dibromochloromethane	0.24	3.0	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U	--- U	--- U
34. Chlorobenzene	0.30	3.0	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U	--- U	--- U
36. Ethylbenzene	0.21	1.0	--- U	--- U	--- U
37. Xylenes	0.68	5.0	--- U	--- U	--- U
38. Dibromomethane	0.28	10.0	--- U	--- U	--- U
39. Styrene	0.19	1.0	--- U	--- U	--- U
40. Bromoform	0.20	3.0	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U	--- U	--- U
46. Acrylonitrile	2.72	200.0	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U	--- U	--- U
48. Acrolein	40.57	53.0	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: LENOIR CO. LANDFILL (BLANKS)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON, NC 28502

CLIENT ID: 6010 A

ANALYST: MAO
DATE COLLECTED: 07/08/15
DATE ANALYZED: 07/22/15
DATE REPORTED: 08/24/15

REVIEWED BY:

LANDFILL APPENDIX II
EPA METHOD 8260B R1(96)

PARAMETERS, ug/l	MDL	SWSL	Equipment Blank	Trip Blank	Field Blank
49. Allyl Chloride	0.20	10.0	--- U	--- U	--- U
50. Chloroprene	0.21	20.0	--- U	--- U	--- U
51. 1,3-Dichlorobenzene	0.41	5.0	--- U	--- U	--- U
52. Dichlorodifluoromethane	0.51	5.0	--- U	--- U	--- U
53. 1,3-Dichloropropane	0.28	1.0	--- U	--- U	--- U
54. 2,2-Dichloropropane	0.17	15.0	--- U	--- U	--- U
55. 1,1-Dichloropropene	0.22	5.0	--- U	--- U	--- U
56. Ethyl Methacrylate	0.16	10.0	--- U	--- U	--- U
57. Hexachlorobutadiene	0.57	10.0	--- U	--- U	--- U
58. Isobutyl Alcohol	12.80	100.0	--- U	--- U	--- U
59. Methacrylonitrile	1.93	100.0	--- U	--- U	--- U
60. Methyl Methacrylate	0.25	30.0	--- U	--- U	--- U
61. Naphthalene	0.47	10.0	--- U	--- U	--- U
62. Propionitrile	3.26	150.0	--- U	--- U	--- U
63. 1,2,4-Trichlorobenzene	0.50	10.0	--- U	--- U	--- U
64. Acetonitrile	36.29	55.0	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quantitation Limits.

Environment 1, Inc.
P.O. Box 7085, 114 Oakmont Dr.
Greenville, NC 27858
environment1inc.com
Phone (252) 756-6208 • Fax (252) 756-0633

CHAIN OF CUSTODY RECORD

CLIENT: 6010 A Week: 31

LENOIR CO. LANDFILL (BLANKS)
COUNTY OF LENOIR
MR. TOM MILLER
P.O. BOX 756
KINSTON NC 28502

(252) 566-4194

DISINFECTION
- [ ] CHLORINE
- [ ] UV
- [ ] NONE
- [ ] _____

SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l OR ug/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	Metals	8260B App. II	8260 App. II 1
						P	G	G
						A	E	E
Equipment Blank	7-8-15	0830			3	C	C	C
Trip Blank	7-8-15				2		C	C
Field Blank	7-8-15				3	C	C	C

CHLORINE NEUTRALIZED AT COLLECTION

pH CHECK (LAB)

CONTAINER TYPE, P/G

CHEMICAL PRESERVATION

PARAMETERS/TESTS

A - NONE D - NAOH
B - HNO_3 E - HCL
C - H_2SO_4 F - ZINC ACETATE/NAOH
G - NA THIOSULFATE

CLASSIFICATION:
- [ ] WASTEWATER (NPDES)
- [ ] DRINKING WATER
- [ ] DWQ/GW
- [X] SOLID WASTE SECTION

CHAIN OF CUSTODY (SEAL) MAINTAINED DURING SHIPMENT/DELIVERY
Y N

SAMPLES COLLECTED BY: (Please Print)
Bobby Fox / Tom Beasley

SAMPLES RECEIVED IN LAB AT 0-7 °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Bobby Fox	7-8-15 4:02	[signature]	7/8/15 4:03
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

COMMENTS:

PLEASE READ Instructions for completing this form on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blocks above for each parameter requested.

FORM #5

№ 299107