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):

Smith Gardner, Inc.

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

Name: Madeline German, PG Phone: 919-828-0577 x 222

E-mail: madeline@smithgardnerinc.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Avery County Closed MSW Landfill	Brushy Creek Road, Spruce Pine, NC	06-01	.0500	September 3&4, 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.

Madeline German, PG — Geologist — 919-828-0577 x 222

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

Signature — 10/2015 Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 2275 MADELINE GERMAN 10/20/15

14 N. Boylan Ave, Raleigh, NC 27603

Facility Representative Address

CO828

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

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September 2015 Semi-Annual Groundwater Monitoring Report

Avery County Closed MSW Landfill
Spruce Pine, North Carolina
NC Solid Waste Permit No. 06-01

Prepared for:

Avery County Solid Waste
175 Linville Street
Newland, North Carolina 28657

Prepared by:

NC LIC. NO. C-0828 (ENGINEERING)

SMITH+GARDNER

14 N. Boylan Avenue, Raleigh NC 27603 | 919.828.0577

October 2015

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September 2015 Semi-Annual Groundwater Monitoring Report

Avery County Closed MSW Landfill
NC Solid Waste Permit No. 06-01

Prepared For:

Avery County Solid Waste
Newland, North Carolina

S+G Project No. Avery 14-2

Madeline German, P.G.
Project Geologist

NORTH CAROLINA LICENSED SEAL 10/22/15 GEOLOGIST MADELINE GERMAN

Joan A. Smyth, P.G.
Senior Hydrogeologist

October 2015

NC LIC. NO. C-0828 (ENGINEERING)

SMITH+GARDNER

14 N. Boylan Avenue, Raleigh NC 27603 | 919.828.0577

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Avery County Closed MSW Landfill
NC Solid Waste Permit No. 06-01

September 2015 Semi-Annual Groundwater Monitoring Report

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1.0 INTRODUCTION

Avery County is required to submit semi-annual groundwater monitoring reports for the Closed unlined MSW landfill (permit # 06-01) in accordance with Solid Waste Section Rule 15A NCAC 13B. This report, prepared by Smith Gardner, Inc (S+G), presents the semi-annual sampling for the event conducted on September 3&4, 2015.

The groundwater monitoring network for the closed unlined MSW landfill includes three groundwater monitoring wells and two surface water monitoring locations. This report includes field procedure summaries, laboratory analyses and groundwater characterization for the Closed MSW site.

2.0 SITE GEOLOGY

The Avery County Closed MSW Landfill is located in the North Carolina Blue Ridge province, along the eastern limb of the Blue Ridge anticlinorium. Published geologic mapping[1] places the site approximately twelve miles west of the Brevard Zone (measured perpendicular to strike), which is the boundary of the Blue Ridge Belt and the Piedmont. The principal geologic units mapped in the immediate vicinity of the site include a mix of metamorphosed sedimentary and igneous rocks – termed *paragneiss* and *orthogneiss*, respectively – interlayered with contemporaneous schist, phyllite, and marble, later injected with various granitic intrusions, including plutons, pegmatites, and hydrothermal veins. Regional metamorphic grades in the region include kyanite-grade (high grade) and retrograde chlorite-biotite metamorphism (low grade).

3.0 SAMPLING PROCEDURES

S+G personnel performed this sampling event that involved collecting samples from two (2) groundwater wells (MW-1 and MW-2) and two surface water locations (SW-1 and SW-2). Upgradient groundwater well (MW-3) could not be sampled this event due to well pipe damage. No boring logs for these monitoring wells could be located in a NCDEQ file search.

Sampling methods followed the protocol outlined in the North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities (North Carolina Department of Environment and Natural Resources, Division of Waste Management). The depth to water in each well was gauged prior to purging and sampling. Field measurements for pH, specific conductivity, turbidity and temperature were recorded at each sampling location.

Samples were collected using new factory sealed Teflon bailers and placed in laboratory prepared containers for the specified analytical procedures. Groundwater samples were properly preserved, placed on ice, and transported to the laboratory facility within the specified hold times for each analysis.

[1] North Carolina Geologic Survey at http://www.geology.enr.state.nc.us

A map showing sampling locations is presented as **Figure 1**. Water table elevations and available construction details are presented in **Table 1.**

4.0 FIELD AND LABORATORY DATA

4.1 Field Measurements

Following purging, field parameters for temperature, pH, turbidity and specific conductance were measured. These results are summarized in **Table 2**. In general these measurements were consistent with data from previous events.

4.2 Laboratory Analysis

Ground and surface water samples were transported to Prism Laboratories, Inc. (Charlotte, NC) where they were analyzed for metals via EPA Test Method 6020A and organics via EPA Test Method 8260B. Samples were transported under proper chain of custody. The laboratory report is attached for your review as **Appendix A**.

4.3 Laboratory Results

No inorganic constituents were detected above the 2L Standard for this event. Only cobalt in the sample from MW-1 was detected above the GWP Standard.

No organic constituents were detected above the 2L Standard in this event.

No constituents were detected above the 2B Standard for Class C Waters. Laboratory results are presented in **Table 3.**

5.0 GROUNDWATER CHARACTERIZATION

A potentiometric surface map was prepared from groundwater data from this sampling event. The general groundwater flow is toward the southeast across the site toward Brushy Creek. Hydraulic conductivity data was not available for these wells so groundwater velocities could not be calculated. The potentiometric surface map is included as **Figure 1**.

6.0 CONCLUSIONS

Laboratory results indicate the water quality at the Avery County Closed unlined MSW Landfill is generally consistent with historically reported results. Cobalt detections are likely naturally occurring due to their presence in soils in this portion of North Carolina. Historic and background detections indicate their presence is likely not due to landfill activity. The next groundwater monitoring event is scheduled for March 2016. A report summarizing that event will be submitted to NCDENR with laboratory analyses.

FIGURE

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LEGEND

	PROPERTY LINE (SEE REFERENCE 1)
	ESTIMATED WASTE EXTENTS
	ADJACENT PROPERTY LINE
	ROW/EASEMENT
	APPROXIMATE STREAM LOCATION
2690	POTENTIOMETRIC SURFACE (DASHED WHERE INFERRED)
	GENERAL FLOW DIRECTION
MW-2	MONITORING WELL
SW-1	EXISTING SURFACE WATER MONITORING POINT
P-4	GAS PROBE (SEE REFERENCE 4)
TOC=	TOP OF CASING ELEVATION (SEE REFERENCE 2)
DTW=	DEPTH TO WATER
GWE=	GROUNDWATER ELEVATION

NOTES

1. DEPTH TO WATER MEASUREMENTS COLLECTED BY SMITH GARDNER INC. PERSONNEL ON SEPTEMBER 03, 2015.
2. MW-3 WAS DAMAGED, THEREFORE A GROUNDWATER DEPTH MEASUREMENT COULD NOT BE COLLECTED.

REFERENCES

1. ADJACENT PROPERTY BOUNDARIES FROM AVERY COUNTY GIS MAPPING DEPARTMENT.
2. MONITORING WELL LOCATIONS FROM FIELD SURVEY DATED 1/14/08, BY SURVEYING SOLUTIONS, P.C.
3. PROPERTY LINE, EXISTING PROGRESS ENERGY POWER LINE AND EASEMENT SHOWN FROM FIELD SURVEY DATED APRIL 9, 2010, BY APPALACHIAN PROFESSIONAL LAND SURVEYORS & CONSULTANTS.
4. LFG PROBES LOCATIONS FROM FIELD SURVEY DATED APRIL 9, 2010, BY APPALACHIAN PROFESSIONAL LAND SURVEYORS & CONSULTANTS. PROBE P-2 AND P-3 LOCATIONS WERE NOT SURVEYED AND ARE APPROXIMATE.

0 150' 300'

PREPARED BY:

NC LIC. NO. C-0926 (ENGINEERING)
SMITH+GARDNER
14 N. Boylan Avenue, Raleigh NC 27603 | 919.828.0577

DRAWN: T.R.S.	APPROVED: M.M.G.	SCALE: AS SHOWN	FIGURE NO. 1
DATE: Oct 2015	PROJECT NO: AVERY 12-3	FILENAME: AVERY-B0240	

PREPARED FOR:

AVERY COUNTY CLOSED MSW LANDFILL POTENTIOMETRIC SURFACE MAP SEPTEMBER 2015

G:\CAD\Avery County\Avery 14-2\sheets\AVERY-B0240.dwg - 10/15/2015 11:40 AM

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TABLES

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SMITH+GARDNER

Table 1
Groundwater Elevations
Avery County MSW Landfill
September 3 &4, 2015

By: MG
Date: 5/27/2015

Well	Well Installation Date	Latitude	Longitude	Well Diameter (inches)	Total Well Depth (ft. bgs)	Ground Surface Elevation (ft. amsl)	TOC Elevation (ft. amsl)	Depth to Water (ft. bgs)	Groundwater Elevation (ft. amsl)	Screen Interval (ft. bgs)	Screen Geology
MW-1	NA	35.94624	81.99304	2	23.60	2672.60	2672.60	8.95	2663.65	10' - 20'	NA
MW-2	NA	35.94720	81.99173	2	19.02	2666.81	2666.81	9.85	2656.96	4' - 14'	NA
MW-3	NA	35.94840	81.99174	2	15.15	2696.62	2696.62	NM*	2691.72	4' - 14'	NA

NOTE:

No boring logs or well records are available
Depth to Water and Well Depth measured from the Top of Casing April 29, 2015
Screen Interval is assumed based on field measurements.
*Well is damaged and unable to be used for groundwater monitoring until replaced by Unum

SMITH+GARDNER

By: ZS
Date: 10/5/2015

Table 2
Field Parameters
Avery County MSW Landfill
September3 & 4, 2015

Well	Temperature (°Celsius)	Turbidity (NTU)	Specific Conductivity (uS/cm)	pH
MW-1	16.8	2.08	180	5.42
MW-2	16.1	6.97	80	5.33
MW-3	NA	NA	NA	NA
SW-1	21.8	43	80	8.16
SW-2	18.1	8.43	80	7.22

NOTE:

1. pH measured with a 'Hanna" pH/EC/TDS Meter, type HI9811
2. Temperature measured with a laboratory grade thermometer.
3. Data Collected by S+G personnel.
4. MW-3 was unable to be sampled this event due to well pipe damage

SMITH+GARDNER

By: ZS
Date: 10/05/2015

Table 3
Detected Inorganic Constituents
Avery County MSW Landfill
September 3 4, 2015

Constituents	MDL	RL	SWSL	2L or GWP* Standard	MCL	2B Standard	MW-1	MW-2	SW-1	SW-2
Arsenic	0.29	1	10	10	10	10	0.96 J	<0.29	0.37 J	<0.29
Barium	0.041	5	100	700	2000	1000	89	28	23	15
Beryllium	0.047	1	1	4*	40	6.5	0.060 J	0.12 J	0.13 J	<0.047
Cadmium	0.019	1	1	2	5	2	0.57 J	0.036 J	0.028 J	<0.019
Chromium	0.51	1	10	10	1000	50	<0.51	1.4	0.84 J	<0.51
Cobalt	0.013	1	10	1*	NE	3	**8.7**	0.74 J	0.56 J	0.41 J
Copper	0.44	5	10	1000	1300	7	1.2 J	10	1.5 J	0.52 J
Lead	0.02	1	10	15	15	25	0.14 J	3.3	1.4	0.18 J
Nickel	0.053	2	50	100	NE	88	1.1 J	0.35 J	0.57 J	0.21 J
Selenium	0.35	1	10	20	50	5	0.55 J	<0.35	<0.35	<0.35
Silver	0.011	1	10	20	100**	0.06	0.012 J	0.026 J	<0.011	<0.011
Thallium	0.0093	1	5.5	0.28*	2	0.47	0.19 J	0.19 J	0.085 J	0.032 J
Zinc	0.98	10	10	1000	5000**	50	26	14	41	21

NOTE:

MDL	-	Method Detection Limit
RL	-	Laboratory Established Reporting Limit
SWSL	-	Solid Waste Section Quantitation Limit
2L Standard	-	Groundwater Standard (15A NCAC 2L 0200)
GWP Standard	-	Groundwater Protection Standards (noted by *)
MCL	-	Federal Maximum Contaminant Limit
2B Standard	-	NCAC 2E Standard for Class C waters
<RL	-	Below Reporting Limit
Bold Letters	-	Levels above 2L or GWP Standard
J	-	Detected by laboratory but below the RL; therefore, result is estimated concentration.
**	-	National Secondary Drinking Water Standards

Results are presented in ug/L.
Data from 09/23/2015 Prism Work Order #5090128.

SMITH+GARDNER

By: ZS
Date: 10/05/2015

Table 4
Detected Organic Constituents
Avery County MSW Landfill
September 3 4, 2015

Constituents	MDL	RL	SWSL	2L Standard	MCL	2B Standard	MW-1	MW-2	SW-2
1,1-Dichloroethane	0.083	0.5	5	6	NE	100	<0.083	<0.083	0.65
1,4-Dichlorobenezene	0.05	0.5	1	6	75	100	0.99	<0.05	<0.05
Benzene	0.048	0.5	1	1	5	51	0.56	<0.048	<0.048
Chloroethane	0.22	0.5	10	3000	NE	NE	<0.22	<0.22	1.2
cis-1,2-Dichloroethene	0.056	0.5	5	70	NE	720	0.66	<0.5	<0.5

NOTE:

MDL	-	Method Detection Limit
RL	-	Laboratory Established Reporting Limit
SWSL	-	Solid Waste Section Quantitation Limit
2L Standard	-	Groundwater Standard (15A NCAC 2L 0200)
MCL	-	Federal Maximum Contaminant Limit
2B Standard	-	NCAC 2E Standard for Class C waters
<RL	-	Below Reporting Limit
Bold	-	Concentrations above 2L or GWP Standard

Results are presented in ug/L.
Data from 09/23/2015 Prism Work Order #5090128.

Appendix A

Laboratory Analytical Report

September 2015 – Semi-Annual Groundwater Report
Avery County Closed MSW Landfill
NC Solid Waste Permit No. 06-01

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Case Narrative

09/23/2015

Smith + Gardner, Inc.
Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Lab Submittal Date: 09/09/2015
Prism Work Order: 5090128

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

Angela D. Overcash
VP Laboratory Services

Reviewed By Terri W. Cole For Angela D. Overcash
Project Manager

Data Qualifiers Key Reference:

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Sample Receipt Summary

09/23/2015

Prism Work Order: 5090128

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
MW-1	5090128-01	Water	09/04/15	09/09/15
MW-2	5090128-02	Water	09/04/15	09/09/15
SW-1	5090128-03	Water	09/04/15	09/09/15
SW-2	5090128-04	Water	09/04/15	09/09/15
Trip Blank	5090128-05	Water	09/04/15	09/09/15

Samples were received in good condition at 2.8 degrees C unless otherwise noted.

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Summary of Detections

09/23/2015

Prism Work Order: 5090128

Prism ID	Client ID	Parameter	Method	Result		Units
5090128-01	MW-1	Arsenic	6020A	0.96	J	ug/L
5090128-01	MW-1	Barium	6020A	89		ug/L
5090128-01	MW-1	Beryllium	6020A	0.060	J	ug/L
5090128-01	MW-1	Cadmium	6020A	0.57	J	ug/L
5090128-01	MW-1	Cobalt	6020A	8.7		ug/L
5090128-01	MW-1	Copper	6020A	1.2	J	ug/L
5090128-01	MW-1	Lead	6020A	0.14	J	ug/L
5090128-01	MW-1	Nickel	6020A	1.1	J	ug/L
5090128-01	MW-1	Selenium	6020A	0.55	J	ug/L
5090128-01	MW-1	Silver	6020A	0.012	J	ug/L
5090128-01	MW-1	Thallium	6020A	0.19	J	ug/L
5090128-01	MW-1	Zinc	6020A	26		ug/L
5090128-01	MW-1	1,4-Dichlorobenzene	8260B	0.99		ug/L
5090128-01	MW-1	Benzene	8260B	0.56		ug/L
5090128-01	MW-1	cis-1,2-Dichloroethylene	8260B	0.66		ug/L
5090128-02	MW-2	Barium	6020A	28		ug/L
5090128-02	MW-2	Beryllium	6020A	0.12	J	ug/L
5090128-02	MW-2	Cadmium	6020A	0.036	J	ug/L
5090128-02	MW-2	Chromium	6020A	1.4		ug/L
5090128-02	MW-2	Cobalt	6020A	0.74	J	ug/L
5090128-02	MW-2	Copper	6020A	10		ug/L
5090128-02	MW-2	Lead	6020A	3.3		ug/L
5090128-02	MW-2	Nickel	6020A	0.35	J	ug/L
5090128-02	MW-2	Silver	6020A	0.026	J	ug/L
5090128-02	MW-2	Thallium	6020A	0.19	J	ug/L
5090128-02	MW-2	Zinc	6020A	14		ug/L
5090128-03	SW-1	Arsenic	6020A	0.37	J	ug/L
5090128-03	SW-1	Barium	6020A	23		ug/L
5090128-03	SW-1	Beryllium	6020A	0.13	J	ug/L
5090128-03	SW-1	Cadmium	6020A	0.028	J	ug/L
5090128-03	SW-1	Chromium	6020A	0.84	J	ug/L
5090128-03	SW-1	Cobalt	6020A	0.56	J	ug/L
5090128-03	SW-1	Copper	6020A	1.5	J	ug/L
5090128-03	SW-1	Lead	6020A	1.4		ug/L
5090128-03	SW-1	Nickel	6020A	0.57	J	ug/L
5090128-03	SW-1	Thallium	6020A	0.085	J	ug/L
5090128-03	SW-1	Zinc	6020A	41		ug/L
5090128-04	SW-2	Barium	6020A	15		ug/L
5090128-04	SW-2	Cobalt	6020A	0.41	J	ug/L
5090128-04	SW-2	Copper	6020A	0.52	J	ug/L
5090128-04	SW-2	Lead	6020A	0.18	J	ug/L
5090128-04	SW-2	Nickel	6020A	0.21	J	ug/L
5090128-04	SW-2	Thallium	6020A	0.032	J	ug/L
5090128-04	SW-2	Zinc	6020A	21		ug/L

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Summary of Detections

09/23/2015

Prism Work Order: 5090128

Prism ID	Client ID	Parameter	Method	Result	Units
5090128-04	SW-2	1,1-Dichloroethane	8260B	0.65	ug/L
5090128-04	SW-2	Chloroethane	8260B	1.2	ug/L

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Sample Matrix: Water

Client Sample ID: MW-1
Prism Sample ID: 5090128-01
Prism Work Order: 5090128
Time Collected: 09/04/15 10:40
Time Submitted: 09/09/15 08:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Antimony	BRL	ug/L	1.0	0.069	1	6020A	9/14/15 18:39	BGM	P5I0165
Arsenic	**0.96 J**	**ug/L**	**1.0**	**0.29**	**1**	**6020A**	**9/14/15 18:39**	**BGM**	**P5I0165**
Barium	**89**	**ug/L**	**5.0**	**0.041**	**1**	**6020A**	**9/11/15 16:10**	**BGM**	**P5I0165**
Beryllium	**0.060 J**	**ug/L**	**1.0**	**0.047**	**1**	**6020A**	**9/14/15 18:39**	**BGM**	**P5I0165**
Cadmium	**0.57 J**	**ug/L**	**1.0**	**0.019**	**1**	**6020A**	**9/14/15 18:39**	**BGM**	**P5I0165**
Chromium	BRL	ug/L	1.0	0.51	1	6020A	9/14/15 18:39	BGM	P5I0165
Cobalt	**8.7**	**ug/L**	**1.0**	**0.013**	**1**	**6020A**	**9/14/15 18:39**	**BGM**	**P5I0165**
Copper	**1.2 J**	**ug/L**	**5.0**	**0.44**	**1**	**6020A**	**9/11/15 16:10**	**BGM**	**P5I0165**
Lead	**0.14 J**	**ug/L**	**1.0**	**0.020**	**1**	**6020A**	**9/14/15 18:39**	**BGM**	**P5I0165**
Nickel	**1.1 J**	**ug/L**	**2.0**	**0.053**	**1**	**6020A**	**9/11/15 16:10**	**BGM**	**P5I0165**
Selenium	**0.55 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**9/14/15 18:39**	**BGM**	**P5I0165**
Silver	**0.012 J**	**ug/L**	**1.0**	**0.011**	**1**	**6020A**	**9/14/15 18:39**	**BGM**	**P5I0165**
Thallium	**0.19 J**	**ug/L**	**1.0**	**0.0093**	**1**	**6020A**	**9/14/15 18:39**	**BGM**	**P5I0165**
Vanadium	BRL	ug/L	5.0	2.5	1	6020A	9/11/15 16:10	BGM	P5I0165
Zinc	**26**	**ug/L**	**10**	**0.98**	**1**	**6020A**	**9/11/15 16:10**	**BGM**	**P5I0165**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 18:15	cgp	P5I0265
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	8260B	9/15/15 18:15	cgp	P5I0265
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	8260B	9/15/15 18:15	cgp	P5I0265
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	8260B	9/15/15 18:15	cgp	P5I0265
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	8260B	9/15/15 18:15	cgp	P5I0265
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	8260B	9/15/15 18:15	cgp	P5I0265
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.14	1	8260B	9/15/15 18:15	cgp	P5I0265
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	8260B	9/15/15 18:15	cgp	P5I0265
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	8260B	9/15/15 18:15	cgp	P5I0265
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	9/15/15 18:15	cgp	P5I0265
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	8260B	9/15/15 18:15	cgp	P5I0265
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 18:15	cgp	P5I0265
1,4-Dichlorobenzene	**0.99**	**ug/L**	**0.50**	**0.050**	**1**	**8260B**	**9/15/15 18:15**	**cgp**	**P5I0265**
Acetone	BRL	ug/L	5.0	0.31	1	8260B	9/15/15 18:15	cgp	P5I0265
Acrylonitrile	BRL	ug/L	20	0.20	1	8260B	9/15/15 18:15	cgp	P5I0265
Benzene	**0.56**	**ug/L**	**0.50**	**0.048**	**1**	**8260B**	**9/15/15 18:15**	**cgp**	**P5I0265**
Bromochloromethane	BRL	ug/L	0.50	0.14	1	8260B	9/15/15 18:15	cgp	P5I0265
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 18:15	cgp	P5I0265
Bromoform	BRL	ug/L	1.0	0.040	1	8260B	9/15/15 18:15	cgp	P5I0265
Bromomethane	BRL	ug/L	1.0	0.18	1	8260B	9/15/15 18:15	cgp	P5I0265
Carbon disulfide	BRL	ug/L	5.0	0.075	1	8260B	9/15/15 18:15	cgp	P5I0265
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 18:15	cgp	P5I0265
Chlorobenzene	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 18:15	cgp	P5I0265
Chloroethane	BRL	ug/L	0.50	0.22	1	8260B	9/15/15 18:15	cgp	P5I0265
Chloroform	BRL	ug/L	0.50	0.076	1	8260B	9/15/15 18:15	cgp	P5I0265

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Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Sample Matrix: Water

Client Sample ID: MW-1
Prism Sample ID: 5090128-01
Prism Work Order: 5090128
Time Collected: 09/04/15 10:40
Time Submitted: 09/09/15 08:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloromethane	BRL	ug/L	0.50	0.079	1	8260B	9/15/15 18:15	cgp	P5I0265
cis-1,2-Dichloroethylene	**0.66**	**ug/L**	**0.50**	**0.056**	**1**	**8260B**	**9/15/15 18:15**	**cgp**	**P5I0265**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	8260B	9/15/15 18:15	cgp	P5I0265
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	8260B	9/15/15 18:15	cgp	P5I0265
Dibromomethane	BRL	ug/L	0.50	0.065	1	8260B	9/15/15 18:15	cgp	P5I0265
Ethylbenzene	BRL	ug/L	0.50	0.061	1	8260B	9/15/15 18:15	cgp	P5I0265
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	8260B	9/15/15 18:15	cgp	P5I0265
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.065	1	8260B	9/15/15 18:15	cgp	P5I0265
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	8260B	9/15/15 18:15	cgp	P5I0265
Methyl Iodide	BRL	ug/L	5.0	0.33	1	8260B	9/15/15 18:15	cgp	P5I0265
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.078	1	8260B	9/15/15 18:15	cgp	P5I0265
Methylene Chloride	BRL	ug/L	1.0	0.083	1	8260B	9/15/15 18:15	cgp	P5I0265
o-Xylene	BRL	ug/L	0.50	0.044	1	8260B	9/15/15 18:15	cgp	P5I0265
Styrene	BRL	ug/L	0.50	0.047	1	8260B	9/15/15 18:15	cgp	P5I0265
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	8260B	9/15/15 18:15	cgp	P5I0265
Toluene	BRL	ug/L	0.50	0.044	1	8260B	9/15/15 18:15	cgp	P5I0265
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.094	1	8260B	9/15/15 18:15	cgp	P5I0265
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.070	1	8260B	9/15/15 18:15	cgp	P5I0265
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.12	1	8260B	9/15/15 18:15	cgp	P5I0265
Trichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	9/15/15 18:15	cgp	P5I0265
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 18:15	cgp	P5I0265
Vinyl acetate	BRL	ug/L	2.0	0.060	1	8260B	9/15/15 18:15	cgp	P5I0265
Vinyl chloride	BRL	ug/L	0.50	0.097	1	8260B	9/15/15 18:15	cgp	P5I0265
Xylenes, total	BRL	ug/L	3.0	0.15	1	8260B	9/15/15 18:15	cgp	P5I0265

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*97 %*	*80-124*
Dibromofluoromethane	*105 %*	*75-129*
Toluene-d8	*97 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 5090128-02
Prism Work Order: 5090128
Time Collected: 09/04/15 10:57
Time Submitted: 09/09/15 08:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Antimony	BRL	ug/L	1.0	0.069	1	6020A	9/14/15 18:51	BGM	P5I0165
Arsenic	BRL	ug/L	1.0	0.29	1	6020A	9/14/15 18:51	BGM	P5I0165
Barium	**28**	**ug/L**	**5.0**	**0.041**	**1**	**6020A**	**9/11/15 16:23**	**BGM**	**P5I0165**
Beryllium	**0.12 J**	**ug/L**	**1.0**	**0.047**	**1**	**6020A**	**9/14/15 18:51**	**BGM**	**P5I0165**
Cadmium	**0.036 J**	**ug/L**	**1.0**	**0.019**	**1**	**6020A**	**9/14/15 18:51**	**BGM**	**P5I0165**
Chromium	**1.4**	**ug/L**	**1.0**	**0.51**	**1**	**6020A**	**9/14/15 18:51**	**BGM**	**P5I0165**
Cobalt	**0.74 J**	**ug/L**	**1.0**	**0.013**	**1**	**6020A**	**9/14/15 18:51**	**BGM**	**P5I0165**
Copper	**10**	**ug/L**	**5.0**	**0.44**	**1**	**6020A**	**9/11/15 16:23**	**BGM**	**P5I0165**
Lead	**3.3**	**ug/L**	**1.0**	**0.020**	**1**	**6020A**	**9/14/15 18:51**	**BGM**	**P5I0165**
Nickel	**0.35 J**	**ug/L**	**2.0**	**0.053**	**1**	**6020A**	**9/11/15 16:23**	**BGM**	**P5I0165**
Selenium	BRL	ug/L	1.0	0.35	1	6020A	9/14/15 18:51	BGM	P5I0165
Silver	**0.026 J**	**ug/L**	**1.0**	**0.011**	**1**	**6020A**	**9/14/15 18:51**	**BGM**	**P5I0165**
Thallium	**0.19 J**	**ug/L**	**1.0**	**0.0093**	**1**	**6020A**	**9/14/15 18:51**	**BGM**	**P5I0165**
Vanadium	BRL	ug/L	5.0	2.5	1	6020A	9/11/15 16:23	BGM	P5I0165
Zinc	**14**	**ug/L**	**10**	**0.98**	**1**	**6020A**	**9/11/15 16:23**	**BGM**	**P5I0165**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 18:49	cgp	P5I0265
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	8260B	9/15/15 18:49	cgp	P5I0265
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	8260B	9/15/15 18:49	cgp	P5I0265
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	8260B	9/15/15 18:49	cgp	P5I0265
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	8260B	9/15/15 18:49	cgp	P5I0265
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	8260B	9/15/15 18:49	cgp	P5I0265
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.14	1	8260B	9/15/15 18:49	cgp	P5I0265
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	8260B	9/15/15 18:49	cgp	P5I0265
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	8260B	9/15/15 18:49	cgp	P5I0265
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	9/15/15 18:49	cgp	P5I0265
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	8260B	9/15/15 18:49	cgp	P5I0265
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 18:49	cgp	P5I0265
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	8260B	9/15/15 18:49	cgp	P5I0265
Acetone	BRL	ug/L	5.0	0.31	1	8260B	9/15/15 18:49	cgp	P5I0265
Acrylonitrile	BRL	ug/L	20	0.20	1	8260B	9/15/15 18:49	cgp	P5I0265
Benzene	BRL	ug/L	0.50	0.048	1	8260B	9/15/15 18:49	cgp	P5I0265
Bromochloromethane	BRL	ug/L	0.50	0.14	1	8260B	9/15/15 18:49	cgp	P5I0265
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 18:49	cgp	P5I0265
Bromoform	BRL	ug/L	1.0	0.040	1	8260B	9/15/15 18:49	cgp	P5I0265
Bromomethane	BRL	ug/L	1.0	0.18	1	8260B	9/15/15 18:49	cgp	P5I0265
Carbon disulfide	BRL	ug/L	5.0	0.075	1	8260B	9/15/15 18:49	cgp	P5I0265
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 18:49	cgp	P5I0265
Chlorobenzene	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 18:49	cgp	P5I0265
Chloroethane	BRL	ug/L	0.50	0.22	1	8260B	9/15/15 18:49	cgp	P5I0265
Chloroform	BRL	ug/L	0.50	0.076	1	8260B	9/15/15 18:49	cgp	P5I0265

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Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 5090128-02
Prism Work Order: 5090128
Time Collected: 09/04/15 10:57
Time Submitted: 09/09/15 08:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloromethane	BRL	ug/L	0.50	0.079	1	8260B	9/15/15 18:49	cgp	P5I0265
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	8260B	9/15/15 18:49	cgp	P5I0265
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	8260B	9/15/15 18:49	cgp	P5I0265
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	8260B	9/15/15 18:49	cgp	P5I0265
Dibromomethane	BRL	ug/L	0.50	0.065	1	8260B	9/15/15 18:49	cgp	P5I0265
Ethylbenzene	BRL	ug/L	0.50	0.061	1	8260B	9/15/15 18:49	cgp	P5I0265
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	8260B	9/15/15 18:49	cgp	P5I0265
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.065	1	8260B	9/15/15 18:49	cgp	P5I0265
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	8260B	9/15/15 18:49	cgp	P5I0265
Methyl Iodide	BRL	ug/L	5.0	0.33	1	8260B	9/15/15 18:49	cgp	P5I0265
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.078	1	8260B	9/15/15 18:49	cgp	P5I0265
Methylene Chloride	BRL	ug/L	1.0	0.083	1	8260B	9/15/15 18:49	cgp	P5I0265
o-Xylene	BRL	ug/L	0.50	0.044	1	8260B	9/15/15 18:49	cgp	P5I0265
Styrene	BRL	ug/L	0.50	0.047	1	8260B	9/15/15 18:49	cgp	P5I0265
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	8260B	9/15/15 18:49	cgp	P5I0265
Toluene	BRL	ug/L	0.50	0.044	1	8260B	9/15/15 18:49	cgp	P5I0265
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.094	1	8260B	9/15/15 18:49	cgp	P5I0265
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.070	1	8260B	9/15/15 18:49	cgp	P5I0265
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.12	1	8260B	9/15/15 18:49	cgp	P5I0265
Trichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	9/15/15 18:49	cgp	P5I0265
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 18:49	cgp	P5I0265
Vinyl acetate	BRL	ug/L	2.0	0.060	1	8260B	9/15/15 18:49	cgp	P5I0265
Vinyl chloride	BRL	ug/L	0.50	0.097	1	8260B	9/15/15 18:49	cgp	P5I0265
Xylenes, total	BRL	ug/L	3.0	0.15	1	8260B	9/15/15 18:49	cgp	P5I0265

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*96 %*	*80-124*
Dibromofluoromethane	*104 %*	*75-129*
Toluene-d8	*102 %*	*77-123*

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Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Sample Matrix: Water

Client Sample ID: SW-1
Prism Sample ID: 5090128-03
Prism Work Order: 5090128
Time Collected: 09/04/15 13:28
Time Submitted: 09/09/15 08:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Antimony	BRL	ug/L	1.0	0.069	1	6020A	9/14/15 18:55	BGM	P5I0165
Arsenic	**0.37 J**	**ug/L**	**1.0**	**0.29**	**1**	**6020A**	**9/14/15 18:55**	**BGM**	**P5I0165**
Barium	**23**	**ug/L**	**5.0**	**0.041**	**1**	**6020A**	**9/11/15 16:26**	**BGM**	**P5I0165**
Beryllium	**0.13 J**	**ug/L**	**1.0**	**0.047**	**1**	**6020A**	**9/14/15 18:55**	**BGM**	**P5I0165**
Cadmium	**0.028 J**	**ug/L**	**1.0**	**0.019**	**1**	**6020A**	**9/14/15 18:55**	**BGM**	**P5I0165**
Chromium	**0.84 J**	**ug/L**	**1.0**	**0.51**	**1**	**6020A**	**9/14/15 18:55**	**BGM**	**P5I0165**
Cobalt	**0.56 J**	**ug/L**	**1.0**	**0.013**	**1**	**6020A**	**9/14/15 18:55**	**BGM**	**P5I0165**
Copper	**1.5 J**	**ug/L**	**5.0**	**0.44**	**1**	**6020A**	**9/11/15 16:26**	**BGM**	**P5I0165**
Lead	**1.4**	**ug/L**	**1.0**	**0.020**	**1**	**6020A**	**9/14/15 18:55**	**BGM**	**P5I0165**
Nickel	**0.57 J**	**ug/L**	**2.0**	**0.053**	**1**	**6020A**	**9/11/15 16:26**	**BGM**	**P5I0165**
Selenium	BRL	ug/L	1.0	0.35	1	6020A	9/14/15 18:55	BGM	P5I0165
Silver	BRL	ug/L	1.0	0.011	1	6020A	9/14/15 18:55	BGM	P5I0165
Thallium	**0.085 J**	**ug/L**	**1.0**	**0.0093**	**1**	**6020A**	**9/14/15 18:55**	**BGM**	**P5I0165**
Vanadium	BRL	ug/L	5.0	2.5	1	6020A	9/11/15 16:26	BGM	P5I0165
Zinc	**41**	**ug/L**	**10**	**0.98**	**1**	**6020A**	**9/11/15 16:26**	**BGM**	**P5I0165**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 19:23	cgp	P5I0265
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	8260B	9/15/15 19:23	cgp	P5I0265
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	8260B	9/15/15 19:23	cgp	P5I0265
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	8260B	9/15/15 19:23	cgp	P5I0265
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	8260B	9/15/15 19:23	cgp	P5I0265
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	8260B	9/15/15 19:23	cgp	P5I0265
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.14	1	8260B	9/15/15 19:23	cgp	P5I0265
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	8260B	9/15/15 19:23	cgp	P5I0265
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	8260B	9/15/15 19:23	cgp	P5I0265
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	9/15/15 19:23	cgp	P5I0265
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	8260B	9/15/15 19:23	cgp	P5I0265
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 19:23	cgp	P5I0265
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	8260B	9/15/15 19:23	cgp	P5I0265
Acetone	BRL	ug/L	5.0	0.31	1	8260B	9/15/15 19:23	cgp	P5I0265
Acrylonitrile	BRL	ug/L	20	0.20	1	8260B	9/15/15 19:23	cgp	P5I0265
Benzene	BRL	ug/L	0.50	0.048	1	8260B	9/15/15 19:23	cgp	P5I0265
Bromochloromethane	BRL	ug/L	0.50	0.14	1	8260B	9/15/15 19:23	cgp	P5I0265
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 19:23	cgp	P5I0265
Bromoform	BRL	ug/L	1.0	0.040	1	8260B	9/15/15 19:23	cgp	P5I0265
Bromomethane	BRL	ug/L	1.0	0.18	1	8260B	9/15/15 19:23	cgp	P5I0265
Carbon disulfide	BRL	ug/L	5.0	0.075	1	8260B	9/15/15 19:23	cgp	P5I0265
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 19:23	cgp	P5I0265
Chlorobenzene	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 19:23	cgp	P5I0265
Chloroethane	BRL	ug/L	0.50	0.22	1	8260B	9/15/15 19:23	cgp	P5I0265
Chloroform	BRL	ug/L	0.50	0.076	1	8260B	9/15/15 19:23	cgp	P5I0265

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Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Sample Matrix: Water

Client Sample ID: SW-1
Prism Sample ID: 5090128-03
Prism Work Order: 5090128
Time Collected: 09/04/15 13:28
Time Submitted: 09/09/15 08:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloromethane	BRL	ug/L	0.50	0.079	1	8260B	9/15/15 19:23	cgp	P5I0265
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	8260B	9/15/15 19:23	cgp	P5I0265
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	8260B	9/15/15 19:23	cgp	P5I0265
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	8260B	9/15/15 19:23	cgp	P5I0265
Dibromomethane	BRL	ug/L	0.50	0.065	1	8260B	9/15/15 19:23	cgp	P5I0265
Ethylbenzene	BRL	ug/L	0.50	0.061	1	8260B	9/15/15 19:23	cgp	P5I0265
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	8260B	9/15/15 19:23	cgp	P5I0265
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.065	1	8260B	9/15/15 19:23	cgp	P5I0265
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	8260B	9/15/15 19:23	cgp	P5I0265
Methyl Iodide	BRL	ug/L	5.0	0.33	1	8260B	9/15/15 19:23	cgp	P5I0265
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.078	1	8260B	9/15/15 19:23	cgp	P5I0265
Methylene Chloride	BRL	ug/L	1.0	0.083	1	8260B	9/15/15 19:23	cgp	P5I0265
o-Xylene	BRL	ug/L	0.50	0.044	1	8260B	9/15/15 19:23	cgp	P5I0265
Styrene	BRL	ug/L	0.50	0.047	1	8260B	9/15/15 19:23	cgp	P5I0265
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	8260B	9/15/15 19:23	cgp	P5I0265
Toluene	BRL	ug/L	0.50	0.044	1	8260B	9/15/15 19:23	cgp	P5I0265
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.094	1	8260B	9/15/15 19:23	cgp	P5I0265
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.070	1	8260B	9/15/15 19:23	cgp	P5I0265
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.12	1	8260B	9/15/15 19:23	cgp	P5I0265
Trichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	9/15/15 19:23	cgp	P5I0265
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 19:23	cgp	P5I0265
Vinyl acetate	BRL	ug/L	2.0	0.060	1	8260B	9/15/15 19:23	cgp	P5I0265
Vinyl chloride	BRL	ug/L	0.50	0.097	1	8260B	9/15/15 19:23	cgp	P5I0265
Xylenes, total	BRL	ug/L	3.0	0.15	1	8260B	9/15/15 19:23	cgp	P5I0265

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*98 %*	*80-124*
Dibromofluoromethane	*103 %*	*75-129*
Toluene-d8	*101 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Sample Matrix: Water

Client Sample ID: SW-2
Prism Sample ID: 5090128-04
Prism Work Order: 5090128
Time Collected: 09/04/15 10:47
Time Submitted: 09/09/15 08:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Antimony	BRL	ug/L	1.0	0.069	1	6020A	9/14/15 18:59	BGM	P5I0165
Arsenic	BRL	ug/L	1.0	0.29	1	6020A	9/14/15 18:59	BGM	P5I0165
Barium	**15**	**ug/L**	**5.0**	**0.041**	**1**	**6020A**	**9/11/15 16:30**	**BGM**	**P5I0165**
Beryllium	BRL	ug/L	1.0	0.047	1	6020A	9/14/15 18:59	BGM	P5I0165
Cadmium	BRL	ug/L	1.0	0.019	1	6020A	9/14/15 18:59	BGM	P5I0165
Chromium	BRL	ug/L	1.0	0.51	1	6020A	9/14/15 18:59	BGM	P5I0165
Cobalt	**0.41 J**	**ug/L**	**1.0**	**0.013**	**1**	**6020A**	**9/14/15 18:59**	**BGM**	**P5I0165**
Copper	**0.52 J**	**ug/L**	**5.0**	**0.44**	**1**	**6020A**	**9/11/15 16:30**	**BGM**	**P5I0165**
Lead	**0.18 J**	**ug/L**	**1.0**	**0.020**	**1**	**6020A**	**9/14/15 18:59**	**BGM**	**P5I0165**
Nickel	**0.21 J**	**ug/L**	**2.0**	**0.053**	**1**	**6020A**	**9/11/15 16:30**	**BGM**	**P5I0165**
Selenium	BRL	ug/L	1.0	0.35	1	6020A	9/14/15 18:59	BGM	P5I0165
Silver	BRL	ug/L	1.0	0.011	1	6020A	9/14/15 18:59	BGM	P5I0165
Thallium	**0.032 J**	**ug/L**	**1.0**	**0.0093**	**1**	**6020A**	**9/14/15 18:59**	**BGM**	**P5I0165**
Vanadium	BRL	ug/L	5.0	2.5	1	6020A	9/11/15 16:30	BGM	P5I0165
Zinc	**21**	**ug/L**	**10**	**0.98**	**1**	**6020A**	**9/11/15 16:30**	**BGM**	**P5I0165**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 19:57	cgp	P5I0265
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	8260B	9/15/15 19:57	cgp	P5I0265
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	8260B	9/15/15 19:57	cgp	P5I0265
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	8260B	9/15/15 19:57	cgp	P5I0265
1,1-Dichloroethane	**0.65**	**ug/L**	**0.50**	**0.083**	**1**	**8260B**	**9/15/15 19:57**	**cgp**	**P5I0265**
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	8260B	9/15/15 19:57	cgp	P5I0265
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.14	1	8260B	9/15/15 19:57	cgp	P5I0265
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	8260B	9/15/15 19:57	cgp	P5I0265
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	8260B	9/15/15 19:57	cgp	P5I0265
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	9/15/15 19:57	cgp	P5I0265
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	8260B	9/15/15 19:57	cgp	P5I0265
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 19:57	cgp	P5I0265
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	8260B	9/15/15 19:57	cgp	P5I0265
Acetone	BRL	ug/L	5.0	0.31	1	8260B	9/15/15 19:57	cgp	P5I0265
Acrylonitrile	BRL	ug/L	20	0.20	1	8260B	9/15/15 19:57	cgp	P5I0265
Benzene	BRL	ug/L	0.50	0.048	1	8260B	9/15/15 19:57	cgp	P5I0265
Bromochloromethane	BRL	ug/L	0.50	0.14	1	8260B	9/15/15 19:57	cgp	P5I0265
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 19:57	cgp	P5I0265
Bromoform	BRL	ug/L	1.0	0.040	1	8260B	9/15/15 19:57	cgp	P5I0265
Bromomethane	BRL	ug/L	1.0	0.18	1	8260B	9/15/15 19:57	cgp	P5I0265
Carbon disulfide	BRL	ug/L	5.0	0.075	1	8260B	9/15/15 19:57	cgp	P5I0265
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 19:57	cgp	P5I0265
Chlorobenzene	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 19:57	cgp	P5I0265
Chloroethane	**1.2**	**ug/L**	**0.50**	**0.22**	**1**	**8260B**	**9/15/15 19:57**	**cgp**	**P5I0265**
Chloroform	BRL	ug/L	0.50	0.076	1	8260B	9/15/15 19:57	cgp	P5I0265

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Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Sample Matrix: Water

Client Sample ID: SW-2
Prism Sample ID: 5090128-04
Prism Work Order: 5090128
Time Collected: 09/04/15 10:47
Time Submitted: 09/09/15 08:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloromethane	BRL	ug/L	0.50	0.079	1	8260B	9/15/15 19:57	cgp	P5I0265
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	8260B	9/15/15 19:57	cgp	P5I0265
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	8260B	9/15/15 19:57	cgp	P5I0265
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	8260B	9/15/15 19:57	cgp	P5I0265
Dibromomethane	BRL	ug/L	0.50	0.065	1	8260B	9/15/15 19:57	cgp	P5I0265
Ethylbenzene	BRL	ug/L	0.50	0.061	1	8260B	9/15/15 19:57	cgp	P5I0265
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	8260B	9/15/15 19:57	cgp	P5I0265
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.065	1	8260B	9/15/15 19:57	cgp	P5I0265
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	8260B	9/15/15 19:57	cgp	P5I0265
Methyl Iodide	BRL	ug/L	5.0	0.33	1	8260B	9/15/15 19:57	cgp	P5I0265
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.078	1	8260B	9/15/15 19:57	cgp	P5I0265
Methylene Chloride	BRL	ug/L	1.0	0.083	1	8260B	9/15/15 19:57	cgp	P5I0265
o-Xylene	BRL	ug/L	0.50	0.044	1	8260B	9/15/15 19:57	cgp	P5I0265
Styrene	BRL	ug/L	0.50	0.047	1	8260B	9/15/15 19:57	cgp	P5I0265
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	8260B	9/15/15 19:57	cgp	P5I0265
Toluene	BRL	ug/L	0.50	0.044	1	8260B	9/15/15 19:57	cgp	P5I0265
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.094	1	8260B	9/15/15 19:57	cgp	P5I0265
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.070	1	8260B	9/15/15 19:57	cgp	P5I0265
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.12	1	8260B	9/15/15 19:57	cgp	P5I0265
Trichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	9/15/15 19:57	cgp	P5I0265
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 19:57	cgp	P5I0265
Vinyl acetate	BRL	ug/L	2.0	0.060	1	8260B	9/15/15 19:57	cgp	P5I0265
Vinyl chloride	BRL	ug/L	0.50	0.097	1	8260B	9/15/15 19:57	cgp	P5I0265
Xylenes, total	BRL	ug/L	3.0	0.15	1	8260B	9/15/15 19:57	cgp	P5I0265

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*94 %*	*80-124*
Dibromofluoromethane	*101 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

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Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Sample Matrix: Water

Client Sample ID: Trip Blank
Prism Sample ID: 5090128-05
Prism Work Order: 5090128
Time Collected: 09/04/15 00:00
Time Submitted: 09/09/15 08:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 20:31	cgp	P5I0265
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	8260B	9/15/15 20:31	cgp	P5I0265
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	8260B	9/15/15 20:31	cgp	P5I0265
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	8260B	9/15/15 20:31	cgp	P5I0265
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	8260B	9/15/15 20:31	cgp	P5I0265
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	8260B	9/15/15 20:31	cgp	P5I0265
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.14	1	8260B	9/15/15 20:31	cgp	P5I0265
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	8260B	9/15/15 20:31	cgp	P5I0265
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	8260B	9/15/15 20:31	cgp	P5I0265
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	9/15/15 20:31	cgp	P5I0265
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	8260B	9/15/15 20:31	cgp	P5I0265
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 20:31	cgp	P5I0265
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	8260B	9/15/15 20:31	cgp	P5I0265
Acetone	BRL	ug/L	5.0	0.31	1	8260B	9/15/15 20:31	cgp	P5I0265
Acrylonitrile	BRL	ug/L	20	0.20	1	8260B	9/15/15 20:31	cgp	P5I0265
Benzene	BRL	ug/L	0.50	0.048	1	8260B	9/15/15 20:31	cgp	P5I0265
Bromochloromethane	BRL	ug/L	0.50	0.14	1	8260B	9/15/15 20:31	cgp	P5I0265
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 20:31	cgp	P5I0265
Bromoform	BRL	ug/L	1.0	0.040	1	8260B	9/15/15 20:31	cgp	P5I0265
Bromomethane	BRL	ug/L	1.0	0.18	1	8260B	9/15/15 20:31	cgp	P5I0265
Carbon disulfide	BRL	ug/L	5.0	0.075	1	8260B	9/15/15 20:31	cgp	P5I0265
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	8260B	9/15/15 20:31	cgp	P5I0265
Chlorobenzene	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 20:31	cgp	P5I0265
Chloroethane	BRL	ug/L	0.50	0.22	1	8260B	9/15/15 20:31	cgp	P5I0265
Chloroform	BRL	ug/L	0.50	0.076	1	8260B	9/15/15 20:31	cgp	P5I0265
Chloromethane	BRL	ug/L	0.50	0.079	1	8260B	9/15/15 20:31	cgp	P5I0265
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	8260B	9/15/15 20:31	cgp	P5I0265
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	8260B	9/15/15 20:31	cgp	P5I0265
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	8260B	9/15/15 20:31	cgp	P5I0265
Dibromomethane	BRL	ug/L	0.50	0.065	1	8260B	9/15/15 20:31	cgp	P5I0265
Ethylbenzene	BRL	ug/L	0.50	0.061	1	8260B	9/15/15 20:31	cgp	P5I0265
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	8260B	9/15/15 20:31	cgp	P5I0265
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.065	1	8260B	9/15/15 20:31	cgp	P5I0265
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	8260B	9/15/15 20:31	cgp	P5I0265
Methyl Iodide	BRL	ug/L	5.0	0.33	1	8260B	9/15/15 20:31	cgp	P5I0265
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.078	1	8260B	9/15/15 20:31	cgp	P5I0265
Methylene Chloride	BRL	ug/L	1.0	0.083	1	8260B	9/15/15 20:31	cgp	P5I0265
o-Xylene	BRL	ug/L	0.50	0.044	1	8260B	9/15/15 20:31	cgp	P5I0265
Styrene	BRL	ug/L	0.50	0.047	1	8260B	9/15/15 20:31	cgp	P5I0265
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	8260B	9/15/15 20:31	cgp	P5I0265
Toluene	BRL	ug/L	0.50	0.044	1	8260B	9/15/15 20:31	cgp	P5I0265
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.094	1	8260B	9/15/15 20:31	cgp	P5I0265

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Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Sample Matrix: Water

Client Sample ID: Trip Blank
Prism Sample ID: 5090128-05
Prism Work Order: 5090128
Time Collected: 09/04/15 00:00
Time Submitted: 09/09/15 08:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.070	1	8260B	9/15/15 20:31	cgp	P5I0265
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.12	1	8260B	9/15/15 20:31	cgp	P5I0265
Trichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	9/15/15 20:31	cgp	P5I0265
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	8260B	9/15/15 20:31	cgp	P5I0265
Vinyl acetate	BRL	ug/L	2.0	0.060	1	8260B	9/15/15 20:31	cgp	P5I0265
Vinyl chloride	BRL	ug/L	0.50	0.097	1	8260B	9/15/15 20:31	cgp	P5I0265
Xylenes, total	BRL	ug/L	3.0	0.15	1	8260B	9/15/15 20:31	cgp	P5I0265

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*96 %*	*80-124*
Dibromofluoromethane	*104 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Prism Work Order: 5090128
Time Submitted: 9/9/2015 8:30:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5I0265 - 5030B										
Blank (P5I0265-BLK1)				Prepared & Analyzed: 09/15/15						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Iodide	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
o-Xylene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
trans-1,4-Dichloro-2-butene	BRL	10	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							

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14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Prism Work Order: 5090128
Time Submitted: 9/9/2015 8:30:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5I0265 - 5030B										
Blank (P5I0265-BLK1)				Prepared & Analyzed: 09/15/15						
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Xylenes, total	BRL	3.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.0*		*ug/L*	*50.00*		*98*	*80-124*			
Surrogate: Dibromofluoromethane	*51.2*		*ug/L*	*50.00*		*102*	*75-129*			
Surrogate: Toluene-d8	*50.0*		*ug/L*	*50.00*		*100*	*77-123*			
LCS (P5I0265-BS1)				Prepared & Analyzed: 09/15/15						
1,1,1,2-Tetrachloroethane	20.8	0.50	ug/L	20.00		104	79-134			
1,1,1-Trichloroethane	23.7	0.50	ug/L	20.00		119	75-136			
1,1,2,2-Tetrachloroethane	19.9	0.50	ug/L	20.00		99	62-127			
1,1,2-Trichloroethane	19.6	0.50	ug/L	20.00		98	70-140			
1,1-Dichloroethane	22.6	0.50	ug/L	20.00		113	78-130			
1,1-Dichloroethylene	23.4	0.50	ug/L	20.00		117	70-154			
1,2,3-Trichloropropane	19.7	1.0	ug/L	20.00		99	71-127			
1,2-Dibromo-3-chloropropane	20.4	2.0	ug/L	20.00		102	63-134			
1,2-Dibromoethane	20.0	0.50	ug/L	20.00		100	77-135			
1,2-Dichlorobenzene	22.9	0.50	ug/L	20.00		115	78-128			
1,2-Dichloroethane	20.8	0.50	ug/L	20.00		104	68-131			
1,2-Dichloropropane	19.6	0.50	ug/L	20.00		98	77-130			
1,4-Dichlorobenzene	22.6	0.50	ug/L	20.00		113	75-126			
Acetone	39.5	5.0	ug/L	40.00		99	40-166			
Acrylonitrile	38.0	20	ug/L	40.00		95	81-127			
Benzene	22.1	0.50	ug/L	20.00		110	77-128			
Bromochloromethane	18.6	0.50	ug/L	20.00		93	78-135			
Bromodichloromethane	20.3	0.50	ug/L	20.00		101	76-138			
Bromoform	20.1	1.0	ug/L	20.00		100	71-135			
Bromomethane	22.7	1.0	ug/L	20.00		113	41-168			
Carbon disulfide	24.0	5.0	ug/L	20.00		120	59-135			
Carbon Tetrachloride	24.7	0.50	ug/L	20.00		124	72-142			
Chlorobenzene	22.6	0.50	ug/L	20.00		113	78-119			
Chloroethane	20.2	0.50	ug/L	20.00		101	57-142			
Chloroform	19.9	0.50	ug/L	20.00		99	77-130			
Chloromethane	19.9	0.50	ug/L	20.00		100	47-145			
cis-1,2-Dichloroethylene	21.8	0.50	ug/L	20.00		109	76-141			
cis-1,3-Dichloropropylene	22.3	0.50	ug/L	20.00		111	65-140			
Dibromochloromethane	18.4	0.50	ug/L	20.00		92	75-134			
Dibromomethane	19.9	0.50	ug/L	20.00		99	76-138			
Ethylbenzene	23.4	0.50	ug/L	20.00		117	80-127			
m,p-Xylenes	48.4	1.0	ug/L	40.00		121	77-133			
Methyl Butyl Ketone (2-Hexanone)	18.2	5.0	ug/L	20.00		91	64-137			
Methyl Ethyl Ketone (2-Butanone)	16.6	5.0	ug/L	20.00		83	71-134			
Methyl Iodide	21.7	5.0	ug/L	20.00		109	70-130			
Methyl Isobutyl Ketone	18.0	5.0	ug/L	20.00		90	69-134			
Methylene Chloride	19.2	1.0	ug/L	20.00		96	73-131			
o-Xylene	23.3	0.50	ug/L	20.00		116	78-128			
Styrene	23.5	0.50	ug/L	20.00		117	78-129			

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Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Prism Work Order: 5090128
Time Submitted: 9/9/2015 8:30:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5I0265 - 5030B										
LCS (P5I0265-BS1)				Prepared & Analyzed: 09/15/15						
Tetrachloroethylene	23.5	0.50	ug/L	20.00		117	80-129			
Toluene	22.6	0.50	ug/L	20.00		113	76-131			
trans-1,2-Dichloroethylene	21.1	0.50	ug/L	20.00		105	76-135			
trans-1,3-Dichloropropylene	20.0	0.50	ug/L	20.00		100	67-140			
trans-1,4-Dichloro-2-butene	18.9	10	ug/L	20.00		94	70-130			
Trichloroethylene	21.0	0.50	ug/L	20.00		105	77-133			
Trichlorofluoromethane	24.8	0.50	ug/L	20.00		124	62-148			
Vinyl acetate	21.2	2.0	ug/L	20.00		106	34-167			
Vinyl chloride	23.2	0.50	ug/L	20.00		116	57-141			
Xylenes, total	71.6	3.0	ug/L	60.00		119	77-133			
Surrogate: 4-Bromofluorobenzene	*48.3*		*ug/L*	*50.00*		*97*	*80-124*			
Surrogate: Dibromofluoromethane	*51.0*		*ug/L*	*50.00*		*102*	*75-129*			
Surrogate: Toluene-d8	*50.5*		*ug/L*	*50.00*		*101*	*77-123*			
LCS Dup (P5I0265-BSD1)				Prepared & Analyzed: 09/15/15						
1,1,1,2-Tetrachloroethane	21.9	0.50	ug/L	20.00		110	79-134	5	20	
1,1,1-Trichloroethane	23.2	0.50	ug/L	20.00		116	75-136	2	20	
1,1,2,2-Tetrachloroethane	21.0	0.50	ug/L	20.00		105	62-127	5	20	
1,1,2-Trichloroethane	20.5	0.50	ug/L	20.00		102	70-140	5	20	
1,1-Dichloroethane	22.3	0.50	ug/L	20.00		111	78-130	1	20	
1,1-Dichloroethylene	22.5	0.50	ug/L	20.00		112	70-154	4	20	
1,2,3-Trichloropropane	20.2	1.0	ug/L	20.00		101	71-127	3	20	
1,2-Dibromo-3-chloropropane	20.9	2.0	ug/L	20.00		104	63-134	2	20	
1,2-Dibromoethane	21.0	0.50	ug/L	20.00		105	77-135	5	20	
1,2-Dichlorobenzene	22.8	0.50	ug/L	20.00		114	78-128	0.6	20	
1,2-Dichloroethane	20.0	0.50	ug/L	20.00		100	68-131	4	20	
1,2-Dichloropropane	19.7	0.50	ug/L	20.00		99	77-130	0.8	20	
1,4-Dichlorobenzene	22.8	0.50	ug/L	20.00		114	75-126	0.7	20	
Acetone	41.3	5.0	ug/L	40.00		103	40-166	5	20	
Acrylonitrile	39.0	20	ug/L	40.00		97	81-127	3	20	
Benzene	22.1	0.50	ug/L	20.00		110	77-128	0.2	20	
Bromochloromethane	20.3	0.50	ug/L	20.00		101	78-135	9	20	
Bromodichloromethane	20.8	0.50	ug/L	20.00		104	76-138	3	20	
Bromoform	20.8	1.0	ug/L	20.00		104	71-135	4	20	
Bromomethane	21.3	1.0	ug/L	20.00		107	41-168	6	20	
Carbon disulfide	23.7	5.0	ug/L	20.00		118	59-135	1	20	
Carbon Tetrachloride	24.1	0.50	ug/L	20.00		121	72-142	2	20	
Chlorobenzene	23.3	0.50	ug/L	20.00		117	78-119	3	20	
Chloroethane	20.6	0.50	ug/L	20.00		103	57-142	2	20	
Chloroform	19.6	0.50	ug/L	20.00		98	77-130	1	20	
Chloromethane	19.7	0.50	ug/L	20.00		99	47-145	1	20	
cis-1,2-Dichloroethylene	21.0	0.50	ug/L	20.00		105	76-141	4	20	
cis-1,3-Dichloropropylene	22.6	0.50	ug/L	20.00		113	65-140	1	20	
Dibromochloromethane	18.7	0.50	ug/L	20.00		93	75-134	2	20	
Dibromomethane	20.2	0.50	ug/L	20.00		101	76-138	1	20	
Ethylbenzene	24.2	0.50	ug/L	20.00		121	80-127	3	20	
m,p-Xylenes	49.7	1.0	ug/L	40.00		124	77-133	3	20	

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Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Prism Work Order: 5090128
Time Submitted: 9/9/2015 8:30:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5I0265 - 5030B										
LCS Dup (P5I0265-BSD1)				Prepared & Analyzed: 09/15/15						
Methyl Butyl Ketone (2-Hexanone)	19.2	5.0	ug/L	20.00		96	64-137	6	20	
Methyl Ethyl Ketone (2-Butanone)	17.4	5.0	ug/L	20.00		87	71-134	5	20	
Methyl Iodide	21.6	5.0	ug/L	20.00		108	70-130	0.8	20	
Methyl Isobutyl Ketone	18.6	5.0	ug/L	20.00		93	69-134	3	20	
Methylene Chloride	19.0	1.0	ug/L	20.00		95	73-131	1	20	
o-Xylene	23.5	0.50	ug/L	20.00		117	78-128	0.9	20	
Styrene	23.6	0.50	ug/L	20.00		118	78-129	0.5	20	
Tetrachloroethylene	23.4	0.50	ug/L	20.00		117	80-129	0.3	20	
Toluene	22.6	0.50	ug/L	20.00		113	76-131	0.1	20	
trans-1,2-Dichloroethylene	21.2	0.50	ug/L	20.00		106	76-135	0.7	20	
trans-1,3-Dichloropropylene	20.7	0.50	ug/L	20.00		103	67-140	3	20	
trans-1,4-Dichloro-2-butene	19.8	10	ug/L	20.00		99	70-130	5	20	
Trichloroethylene	20.9	0.50	ug/L	20.00		104	77-133	0.6	20	
Trichlorofluoromethane	24.2	0.50	ug/L	20.00		121	62-148	2	20	
Vinyl acetate	21.8	2.0	ug/L	20.00		109	34-167	3	20	
Vinyl chloride	22.4	0.50	ug/L	20.00		112	57-141	3	20	
Xylenes, total	73.2	3.0	ug/L	60.00		122	77-133	2	20	
Surrogate: 4-Bromofluorobenzene	*47.5*		*ug/L*	*50.00*		*95*	*80-124*			
Surrogate: Dibromofluoromethane	*49.5*		*ug/L*	*50.00*		*99*	*75-129*			
Surrogate: Toluene-d8	*50.3*		*ug/L*	*50.00*		*101*	*77-123*			

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Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Prism Work Order: 5090128
Time Submitted: 9/9/2015 8:30:00AM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5I0165 - 3005A										
Blank (P5I0165-BLK1)				Prepared: 09/10/15 Analyzed: 09/14/15						
Antimony	BRL	1.0	ug/L							
Arsenic	BRL	1.0	ug/L							
Barium	BRL	5.0	ug/L							
Beryllium	BRL	1.0	ug/L							
Cadmium	BRL	1.0	ug/L							
Chromium	BRL	1.0	ug/L							
Cobalt	BRL	1.0	ug/L							
Copper	BRL	5.0	ug/L							
Lead	0.0707	1.0	ug/L							J
Nickel	BRL	2.0	ug/L							
Selenium	BRL	1.0	ug/L							
Silver	BRL	1.0	ug/L							
Thallium	BRL	1.0	ug/L							
Vanadium	BRL	5.0	ug/L							
Zinc	1.07	10	ug/L							J
LCS (P5I0165-BS1)				Prepared: 09/10/15 Analyzed: 09/14/15						
Antimony	98.5	1.0	ug/L	100.0		98	80-120			
Arsenic	97.0	1.0	ug/L	100.0		97	80-120			
Barium	102	5.0	ug/L	100.0		102	80-120			
Beryllium	95.6	1.0	ug/L	100.0		96	80-120			
Cadmium	101	1.0	ug/L	100.0		101	80-120			
Chromium	102	1.0	ug/L	100.0		102	80-120			
Cobalt	101	1.0	ug/L	100.0		101	80-120			
Copper	104	5.0	ug/L	100.0		104	80-120			
Lead	101	1.0	ug/L	100.0		101	80-120			
Nickel	98.2	2.0	ug/L	100.0		98	80-120			
Selenium	97.7	1.0	ug/L	100.0		98	80-120			
Silver	100	1.0	ug/L	100.0		100	80-120			
Thallium	99.5	1.0	ug/L	100.0		100	80-120			
Vanadium	101	5.0	ug/L	100.0		101	80-120			
Zinc	99.9	10	ug/L	100.0		100	80-120			

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Project: Avery MSW Landfill

Prism Work Order: 5090128
Time Submitted: 9/9/2015 8:30:00AM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5I0165 - 3005A										
Matrix Spike (P5I0165-MS1)		**Source: 5090128-01**		Prepared: 09/10/15	Analyzed: 09/14/15					
Antimony	100	1.0	ug/L	100.0	BRL	100	75-125			
Arsenic	102	1.0	ug/L	100.0	0.961	101	75-125			
Barium	192	5.0	ug/L	100.0	88.7	103	75-125			
Beryllium	98.8	1.0	ug/L	100.0	0.0600	99	75-125			
Cadmium	104	1.0	ug/L	100.0	0.570	103	75-125			
Chromium	106	1.0	ug/L	100.0	BRL	106	75-125			
Cobalt	115	1.0	ug/L	100.0	8.69	106	75-125			
Copper	107	5.0	ug/L	100.0	1.16	106	75-125			
Lead	105	1.0	ug/L	100.0	0.137	104	75-125			
Nickel	100	2.0	ug/L	100.0	1.10	99	75-125			
Selenium	101	1.0	ug/L	100.0	0.553	100	75-125			
Silver	102	1.0	ug/L	100.0	0.0120	102	75-125			
Thallium	103	1.0	ug/L	100.0	0.194	103	75-125			
Vanadium	104	5.0	ug/L	100.0	BRL	104	75-125			
Zinc	126	10	ug/L	100.0	25.9	100	75-125			
Matrix Spike Dup (P5I0165-MSD1)		**Source: 5090128-01**		Prepared: 09/10/15	Analyzed: 09/14/15					
Antimony	101	1.0	ug/L	100.0	BRL	101	75-125	0.2	20	
Arsenic	102	1.0	ug/L	100.0	0.961	101	75-125	0.9	20	
Barium	194	5.0	ug/L	100.0	88.7	105	75-125	0.9	20	
Beryllium	100	1.0	ug/L	100.0	0.0600	100	75-125	2	20	
Cadmium	104	1.0	ug/L	100.0	0.570	104	75-125	0.2	20	
Chromium	107	1.0	ug/L	100.0	BRL	107	75-125	0.09	20	
Cobalt	115	1.0	ug/L	100.0	8.69	107	75-125	0.3	20	
Copper	106	5.0	ug/L	100.0	1.16	104	75-125	1	20	
Lead	105	1.0	ug/L	100.0	0.137	105	75-125	0.06	20	
Nickel	98.3	2.0	ug/L	100.0	1.10	97	75-125	2	20	
Selenium	101	1.0	ug/L	100.0	0.553	100	75-125	0.2	20	
Silver	103	1.0	ug/L	100.0	0.0120	103	75-125	0.7	20	
Thallium	104	1.0	ug/L	100.0	0.194	103	75-125	0.2	20	
Vanadium	103	5.0	ug/L	100.0	BRL	103	75-125	0.9	20	
Zinc	124	10	ug/L	100.0	25.9	98	75-125	2	20	

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Smith + Gardner, Inc.
Attn: Madeline German
14 N. Boylan Avenue
Raleigh, NC 27603

Project: Avery MSW Landfill

Prism Work Order: 5090128
Time Submitted: 9/9/2015 8:30:00AM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5I0165 - 3005A										
Post Spike (P5I0165-PS1)		**Source: 5090128-01**		Prepared: 09/10/15 Analyzed: 09/11/15						
Antimony	93.7		ug/L	100.0	-0.00270	94	80-120			
Arsenic	94.3		ug/L	100.0	0.961	93	80-120			
Barium	182		ug/L	100.0	88.7	93	80-120			
Beryllium	98.1		ug/L	100.0	0.0600	98	80-120			
Cadmium	96.7		ug/L	100.0	0.570	96	80-120			
Chromium	96.7		ug/L	100.0	0.304	96	80-120			
Cobalt	105		ug/L	100.0	8.69	97	80-120			
Copper	98.3		ug/L	100.0	1.16	97	80-120			
Lead	96.7		ug/L	100.0	0.137	97	80-120			
Nickel	92.2		ug/L	100.0	1.10	91	80-120			
Selenium	95.5		ug/L	100.0	0.553	95	80-120			
Silver	90.8		ug/L	100.0	0.0120	91	80-120			
Thallium	96.7		ug/L	100.0	0.194	97	80-120			
Vanadium	97.6		ug/L	100.0	-0.198	98	80-120			
Zinc	119		ug/L	100.0	25.9	93	80-120			

Sample Extraction Data

Prep Method: 3005A

Lab Number	Batch	Initial	Final	Date/Time
5090128-01	P5I0165	50 mL	50 mL	09/10/15 8:15
5090128-01	P5I0165	50 mL	50 mL	09/10/15 8:15
5090128-02	P5I0165	50 mL	50 mL	09/10/15 8:15
5090128-02	P5I0165	50 mL	50 mL	09/10/15 8:15
5090128-03	P5I0165	50 mL	50 mL	09/10/15 8:15
5090128-03	P5I0165	50 mL	50 mL	09/10/15 8:15
5090128-04	P5I0165	50 mL	50 mL	09/10/15 8:15
5090128-04	P5I0165	50 mL	50 mL	09/10/15 8:15

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
5090128-01	P5I0265	10 mL	10 mL	09/15/15 14:30
5090128-02	P5I0265	10 mL	10 mL	09/15/15 14:30
5090128-03	P5I0265	10 mL	10 mL	09/15/15 14:30
5090128-04	P5I0265	10 mL	10 mL	09/15/15 14:30
5090128-05	P5I0265	10 mL	10 mL	09/15/15 14:30

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CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC.
Full-Service Analytical & Environmental Solutions
449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: AVERY MSW LF
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (NO)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: SAME
Address: _____

Client Company Name: SMITH GARDNER INC
Report To/Contact Name: MADELINE GERMAN
Reporting Address: ~~[illegible]~~ 14 N. Boylan Ave
Phone: 9198280577 Fax (Yes) (No): N
Email Address: madeline@smithgardnerinc.com
EDD Type: PDF X Excel ___ Other ___
Site Location Name: AVERY MSW
Site Location Physical Address: AVERY County

Purchase Order No./Billing Reference _____
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☒ 5 Days
"Working Days" ☐ 6-9 Days ☒ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 14:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: IRT-10 Observed: 4.0 °C / Corr: 2.8 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC ___ DoD ___ FL ___ NC ___ SC ___ OTHER ___ N/A ___
Water Chlorinated: YES ___ NO ___
Sample Iced Upon Collection: YES ___ NO ___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSIS REQUESTED: TPH	Metals	8260	THF				REMARKS	PRISM LAB ID NO.
MW-1	9.4.15	1040	W	G, P	5		y	✓	✓	✓						01
MW-2	↓	1057	↓	G, P	5		y	✓	✓	✓						02
SW-1	↓	1328	↓	G, P	5		y	✓	✓	✓						03
SW-2	↓	1047	W	G, P	5		y	✓	✓	✓						04
																05

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature Spencer Hollomon Sampled By (Print Name) SPENCER HOLLOMON Affiliation S+G

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
Spencer Hollomon 9/8/15	[signature]	9-8-15	1130
[signature]	[signature]	9/9/15	0800
[signature]	[signature]	9/9/15	0830

Received For Prism Laboratories By: [signature]

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☒ Other BERVAX 1 COOLER

COC Group No. 5090128

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☒ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ ___	☐ ___	☐ ___	☐ ___	☐ ___	☐ ___	☐ ___	☐ ___	☐ ___

SEE REVERSE FOR TERMS & CONDITIONS

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL