Environmental,
Geothermal & Well Drilling

July 17, 2012

NC DENR
Division of Waste Management - Solid Waste Section
ATTN: Ms. Jacklynne Drummond
1646 Mail Service Center
Raleigh, North Carolina 2769-1646

RE: Semi-Annual Assessment/Detection Monitoring Report
Alleghany County Closed MSW Landfill
Sparta, North Carolina

Ms. Drummond,

Attached is the Environmental Monitoring Reporting Form and Monitoring Report for the above referenced facility. The entire report is provided on CD-ROM for your review. This event revealed all monitoring well and stream samples to be compliant for all Appendix I VOCs with the exception of 0303T-MW3 which contained vinyl chloride at 0.470 J ppb, and a non-compliant methylene chloride concentration found at 0303T-MW-2 at 11.8 ppb, both slightly above their respective State action limit. Fluctuating levels of benzene and vinyl chloride continue to occur in 0303T-MW3 as benzene was found to be compliant for this event. The down gradient well 0303T-MW5, located between 0303T-MW1 and Vile Creek, continue to maintain compliant hydrocarbon concentrations. The five surrounding domestic water supply wells were not sampled during this event.

Samples collected and analyzed for Appendix I Metals found cobalt present at 0303T-MW3 with a non-compliant estimated concentration at 0.00484 ppm, slightly exceeding the Groundwater Protection Standard currently at 0.002 ppm. All other monitoring well and stream samples collected during this event were found to be compliant for all Appendix I metals.

It is recommended that the groundwater monitoring program continue on a semi annual schedule. Methane monitoring for all five monitoring wells, the on-site methane well, and enclosed structures will continue on a quarterly basis. It is also recommended that water supply well #5, located cross to downgradient from 0303T-MW-3 be included in the next semi annual groundwater sampling event in December 2012 to verify that the potable well remains compliant.

If you have any questions or require additional information, do not hesitate to call.

Sincerely,

Joseph L. Zuncich
Project Manager/ Environmental Geologist

cc. Alleghany County
ATTN: Mr. Don Adams, County Manager
P.O. Box 366
Sparta, North Carolina 28675

Applied Resource Management, PC
P. O. Box 882, 257 Transfer Station Road, Hampstead, NC 28443 910.270.2919 Fax 910.270.2988

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).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- 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):

Applied Resource Management P.C.

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

Name: Joseph L. Zuncich Phone: 910-270-2919

E-mail: joe_arm@bellsouth.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Allegheny County Landfill	Hwy 18, Sparta, NC	03-03-T	.0500	June 21, 2012

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.

James L. Cornette Agent 910-270-2919

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

Cornette 7/17/12

Signature Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA LICENSED SEAL 1214 GEOLOGIST JAMES L. CORNETTE 7/17/12

Revised 01/2007

ASSESSMENT/DETECTION MONITORING REPORT

FOR THE

ALLEGHANY COUNTY MUNICIPAL SOLID WASTE LANDFILL (CLOSED)

SPARTA, NORTH CAROLINA
JULY 10, 2012

Permit #	03-03-T
Land Use:	Municipal Solid Waste Landfill.
Prop. Owner:	Alleghany County 348 South Main Street Sparta, North Carolina 28675 (336) 372-4179
Site Operator:	Alleghany County 348 South Main Street Sparta, North Carolina 28675 (336) 372-4179
Date:	July 10, 2012
Nat. of Release:	Suspected hydrocarbon leachate discharge from landfill disposal
Coordinates:	Latitude(North): 36° 29' 26" N Longitude(West): 81° 08' 58" W
Prepared By:	Applied Resource Management, PC 257 Transfer Station Road P. O. Box 882 Hampstead, North Carolina 28443 (910) 270-2919 Fax (910) 270-2988

NORTH CAROLINA LICENSED SEAL 1214 GEOLOGIST JAMES L. CORNETTE

7/11/12

TABLE OF CONTENTS

		Page
1.0	**SUMMARY OF SAMPLING RESULTS**	**1**
1.1	Summary of Analytical Results and Free Product Thicknesses.	1
1.2	Proximity of the Plume to the Nearest Receptor.	3
1.3	Description of Current Plume Size.	4
1.4	Groundwater Flow Direction.	4
1.5	Predictive Rate of Contaminant Transport.	5
2.0	**CONCLUSIONS AND RECOMMENDATIONS**	**5**
3.0	**REFERENCES**	**6**

TABLES

TABLE 1 SEMI-ANNUAL MONITORING WELL, METHANE SCREENING, AND STREAM SAMPLING DATA SUMMARY
TABLE 2 QUARTERLY METHANE MONITORING DATA SUMMARY
TABLE 3 HISTORICAL GROUNDWATER SAMPLE RESULTS SUMMARY

FIGURES

FIGURE 1 SITE MAP WITH MONITORING WELL AND STREAM SAMPLE LOCATIONS
FIGURE 2 SITE MAP WITH DOMESTIC WELL LOCATIONS
FIGURE 3 GROUNDWATER TABLE CONTOURS AS OF 6/21/12

APPENDICES

APPENDIX A LABORATORY REPORTS
APPENDIX B LANDFILL EDD

ASSESSMENT/DETECTION MONITORING REPORT
FOR THE
ALLEGHANY COUNTY MUNICIPAL SOLID WASTE LANDFILL (CLOSED)
SPARTA, NORTH CAROLINA
PERMIT # 03-03-T

PREPARED FOR:

ALLEGHANY COUNTY
SPARTA, NORTH CAROLINA

JULY 10, 2012

1.0 SUMMARY OF SAMPLING RESULTS

1.1 Summary of Analytical Results and Free Product Thicknesses
(Refer to Tables 1, 2, and Appendix A)

As summarized on the referenced tables, numerous sampling events have been conducted at the site on a semi-annual schedule. This event included the sampling of the five monitoring wells (0303T-MW1thru 0303T-MW5), and two stream samples 0303T-ST1 and 0303T-ST2. Figure 1 is a Site Map With Monitoring Well And Stream Sample Locations. A Semi-Annual Monitoring Well, Methane Screening, And Stream Sampling Data Summary is provided in Table 1. Quarterly Methane Monitoring is summarized in Table 2. A Historical Groundwater Sampling Results Summary is provided in Table 3. Review of the current analytical results for Appendix I Volatiles indicate 0303T-MW3 to contain a non-compliant concentration of vinyl chloride at 0.470J ppb (parts per billion estimated). 0303T-MW2 contained a non-compliant methylene chloride concentration at 11.8 ppb. These concentrations exceed the NCAC 02L Groundwater Standards of 0.03 ppb for vinyl chloride, and 5 ppb for methylene chloride. All other monitoring wells and stream samples were found to be compliant for all Appendix I Volatiles. Historical results have revealed both 0303T-MW1 and 0303T-MW3 to contain fluctuating low compliant and non-compliant vinyl chloride and benzene concentrations. Benzene concentrations at 0303T-MW1 have ranged from below laboratory quantitation limits to 5.02 ppb, with this benzene concentration found to be compliant. 0303T-MW2 has historically revealed non-compliant methylene chloride concentrations at 5.34 ppb and 5.64J ppb. The 12/15/11 event revealed a compliant concentration at 4.68 ppb. 0303T-MW3 continues to be non-compliant for vinyl chloride and is

currently compliant for benzene. The downgradient well, 0303T-MW5, located between 0303T-MW1 and Vile Creek, has consistently revealed all target compounds to be compliant. All other monitoring wells and stream samples collected during this event and previous events were found to be compliant for Appendix I Volatiles. The Appendix I metal cobalt was identified at 0303T-MW-3 with an estimated concentration of 0.00484J ppm, slightly exceeding the Groundwater Protection Standard at 0.002 ppm. All other monitoring well and stream samples collected during this event for Appendix I metals were found to be compliant as compared with the NCAC 02L Groundwater Standards and Groundwater Protection Standards.

Methane monitoring was conducted during this event at all five monitoring wells, the on-site methane well, and the enclosed structures identified as the scale house, the recycling center, and the tipping scale area. Low level methane concentrations were present at wells 0303T-MW1 and 0303T-MW2 ranging from 0 to 20 ppm. All other monitoring wells revealed no measurable methane concentrations (see Table 1). Historically, low level methane readings have been found in the wells ranging from 0 to 120 ppm. LEL readings were consistent at 0%. No detectable methane levels were found at the scale house, the recycling/storage center, and the tipping scale area. The methane well, located in the central portion of the landfill, revealed a methane concentration range from 610 to 3,470 ppm, with a LEL range from 10% to 20%. A Quarterly Methane Monitoring Data Summary is provided in Table 2.

Results of Well Gauging

A semi-annual monitoring well and stream sampling data summary is presented in Table 1. Depth to the groundwater table, as measured on 6/21/2012, ranged from 4.03 to 32.26 feet.

Sampling Methods and Results
(Refer to Table 3 and Appendix A)

As part of this monitoring event, five monitoring wells, 0303T-MW1 through 0303T-MW5 were purged and sampled. Two stream samples, 0303T-ST1 and 0303T-ST2 were collected. All of the monitoring well groundwater samples and stream samples were analyzed for Appendix I Volatiles and Appendix I Metals. Review of historical results have shown low level hydrocarbon concentrations of benzene and vinyl chloride exceeding NCAC 02L Groundwater Standards at monitoring well 0303T-MW1. Benzene concentrations at 0303T-MW1 have historically ranged from below laboratory quantitation limits to 5.02 ppb, exceeding the State action limit of 1 ppb.

This event revealed a non-detect benzene concentration at 0303T-MW1. 0303T-MW3 historically revealed vinyl chloride concentrations above the State action limit during five of the previous sampling events, although three alternating previous events revealed vinyl chloride to be below quantitation limits. Current results for 0303T-MW3 show a low level estimated non-compliant concentration of vinyl chloride at 0.470 ppb. 0303T-MW2 has been compliant for all compounds during previous sampling events with the exception of low levels of methylene chloride. Concentrations revealed as part of two previous events revealed non-compliant (GWP Std.) methylene chloride at 5.64J ppb (12/22/10), 5.31 ppb (6/13/11), and a non-compliant concentration during this event at 11.8 ppb. All other compounds have remained compliant. The down gradient well, 0303T-MW5, located between 0303T-MW1 and Vile Creek, has revealed consistently compliant hydrocarbon concentrations. All other monitoring wells and stream samples collected during this event and previous events were found to be compliant for Appendix I Volatiles. The Appendix I metal cobalt was found in monitoring well 0303T-MW3 at an estimated concentration of 0.0048 ppm, exceeding the GWP Std. currently at 0.002 ppm. All other wells and stream samples revealed compliant concentrations for all Appendix I metals. Laboratory results are enclosed as Appendix A.

Methane monitoring was conducted at the site utilizing a Gas Tech GT 402, and a PHD Plus atmospheric monitor. Low level methane concentrations were found at 0303T-MW1 (0 ppm to 10 ppm) and 0303T-MW2 (0 ppm to 20 ppm). No measurable methane concentrations were detected in any of the remaining monitoring wells during this event. Historically, the monitoring wells were found to contain low level methane readings ranging from 0 to 120 ppm. LEL readings were consistent at 0%. The methane well, located in the central portion of the landfill, revealed methane concentrations ranging from 610 to 3,470 ppm, with a LEL range from 10% to 20%. In addition, methane monitoring was conducted inside the enclosed structures identified as the scale house, the recycling center/storage area, and the tipping scale area. No methane levels were detected at these locations.

1.2 Proximity of the Plume to the Nearest Receptor

(Refer to Figure 2)

Sensitive receptors of contamination, as defined by the NCDENR, include groundwater supply wells and subsurface building structures, as well as any potential for adverse impact to humans, plants, or animals. Five surrounding water supply wells were identified in 2008 by Alleghany County personnel within a 500 foot buffer of the former landfill. Figure 2 is a Site Map With

Domestic Well Locations. A summary of surrounding water wells are as follows:

WELL #	OWNER/ ADDRESS	WELL TYPE/ USE	MUNICIPAL WATER AVAILABLE	MUNICIPAL WATER CONNECTION	APPROXIMATE DISTANCE FROM SOURCE AREA OF RELEASE (ft.)
1	Alleghany Co. P.O. Box 366 Sparta, NC 28675	Drinking & Irrigation	NO	NO	<200'
2	Marry Perry 501 Osborne Rd. Sparta, NC 28675	Drinking & Irrigation	NO	NO	490'
3	Mary & Rick Perry 464 Osborne Rd. Sparta, NC 28675	Drinking & Irrigation	NO	NO	420'
4	Billy Dale Alley 264 Osborne Road Sparta, NC 28675	Drinking & Irrigation	NO	NO	420'
5	Edwin & Laura Bloodworth 231 Osborne Rd. Sparta, NC 28675	Drinking & Irrigation	NO	NO	400'

1.3 Description of Current Plume Size

Review of historical results have shown varying low level hydrocarbon concentrations of benzene and vinyl chloride exceeding NCAC 02L Groundwater Standards at monitoring well 0303T-MW1 and 0303T-MW3. Also, 0303T-MW2 has revealed methylene chloride (5.64J and 5.34J ppb) above the State action limit during previous sampling events. This event revealed all monitoring well and stream samples to be compliant for Appendix 1 Volatiles with the exception of 0303T-MW3 which contained vinyl chloride at 0.470 ppb estimated, and a non-compliant methylene concentration at 0303T-MW2, both exceeding their applicable standards. Due to the low concentrations of vinyl chloride found in 0303T-MW3, the fact that several previous alternating events showed vinyl chloride below quantitation limits at the same well, and that all other monitoring and streams samples were compliant, no plume maps were prepared.

1.4 Groundwater Flow Direction

(Refer to Figure 3)

As presented on Figure 3, groundwater flow appears to be toward the southeast under the site.

1.5 Predictive Rate of Contaminant Transport

As shown on Figure 3, an overall groundwater flow toward the southeast was identified within the area of investigation. A hydraulic gradient (dh/dl) of 5.4% was calculated between 0303T-MW2 and 0303T-MW3. No slug testing or other hydrogeological testing has been conducted as of this date. In the event concentrations significantly increase or begin to appear within downgradient wells, additional hydrogeological analyses could become necessary.

2.0 CONCLUSIONS AND RECOMMENDATIONS

Review of historical results have shown fluctuating low level hydrocarbon concentrations of benzene and vinyl chloride meeting and exceeding the NCAC 02L Groundwater Standards at monitoring wells 0303T-MW1 and 0303T-MW3. This event revealed all monitoring well and stream samples to be compliant for all Appendix I VOCs with the exception of 0303T-MW3 which contained vinyl chloride at 0.470 J ppb, and a non-compliant methylene chloride concentration found at 0303T-MW-2 at 11.8 ppb, both slightly above their respective State action limit. Fluctuating levels of benzene and vinyl chloride continue to occur in 0303T-MW3 as benzene was found to be compliant for this event. The down gradient well 0303T-MW5, located between 0303T-MW1 and Vile Creek, continue to maintain compliant hydrocarbon concentrations. The five surrounding domestic water supply wells were not sampled during this event.

Samples collected and analyzed for Appendix I Metals found cobalt present at 0303T-MW3 with a non-compliant estimated concentration at 0.00484 ppm, slightly exceeding the Groundwater Protection Standard currently at 0.002 ppm. All other monitoring well and stream samples collected during this event were found to be compliant for all Appendix I metals.

Historical methane monitoring at the site revealed the monitoring wells to contain low level methane readings ranging from 0 to 120 ppm. This event revealed low methane levels (0 to 10 ppm) at 0303T-MW1 and (0 to 20 ppm) at 0303T-MW2 . All other monitoring wells revealed 0 ppm methane. LEL readings were consistent at 0%. The methane well, located in the central portion of the landfill, revealed methane concentrations ranging from 610 to 3,470 ppm, with a LEL ranging from 10% to 20%. In addition, methane monitoring was conducted within the enclosed structures identified as the scale house, the recycling center/storage area, and the tipping scale area. No methane levels were detected at these sites.

It is recommended that the groundwater monitoring program continue on a semi annual schedule. Methane monitoring for all five monitoring wells, the

on-site methane well, and enclosed structures will continue on a quarterly basis. It is also recommended that water supply well #5, located cross to downgradient from 0303T-MW-3 be included in the next semi annual groundwater sampling event in December 2012 to verify that the potable well remains compliant.

3.0 REFERENCES

North Carolina Department of Environment and Natural Resources, NC Solid Waste Program. Requirements For Municipal Solid Waste Landfill Facilities (MSWLFs).

North Carolina Department of Environmental and Natural Resources, March 2007. Ground Water Section Guidelines for the Investigation and Remediation of Soil and Ground Water.

TABLES

TABLE 1

SEMI-ANNUAL MONITORING WELL, METHANE SCREENING, AND STREAM SAMPLING DATA SUMMARY

ALLEGHANY COUNTY CLOSED MSWLF

JUNE 21, 2012

SAMPLE	WELL DEPTH IN FEET	TOP OF CASING ELEVATION	DEPTH TO WATER IN FEET	GROUND WATER TABLE ELEVATION	BAILS REQ'D	QUANTITY PURGED IN GALLONS (Three Volumes)	pH	TEMP. IN F°	SPEC. CONDUCT IN umhos	METHANE GAS LEL/ PPM
0303T-MW1	36	3,023.25	10.10	3,013.15	52	12.46	5.58	52.16	187.6	0-10
0303T-MW2	29	3,023.77	4.03	3,019.74	53	12.62	7.01	57.38	47.5	0-20
0303T-MW3	51	3,086.00*	32.26	3,053.74	37	8.94	4.53	54.68	38.1	0
0303T-MW4	42	3,063.06	19.22	3,043.84	48	11.42	4.93	49.28	96.3	0
0303T-MW5	19	3,012.92	7.83	3,005.09	24	5.75	5.07	51.62	24.2	0
METHANE WELL	Approx 160	NA	NA	NA	NA	NA	NA	NA	NA	10-20%/ 610-3,470
0303T-ST1	NA	NA	NA	NA	NA	NA	6.51	57.56	118.3	NA
0303T-ST2	NA	NA	NA	NA	NA	NA	7.17	54.86	27.5	NA

NOTES:
MW = Monitoring Well Sample
ST = Stream Sample
NA = Not Applicable
Methane Monitoring Conducted With Gas Tech And PHD Plus Atmospheric Monitor
* = Assumed Benchmark Elevation At MW-3 Adjusted From GPS

TABLE 2

QUARTERLY METHANE MONITORING
DATA SUMMARY

ALLEGHANY COUNTY
CLOSED MSWLF

SAMPLE LOCATION/ SAMPLED BY	DATE	WELL DEPTH IN FEET	METHANE GAS LEL	METHANE GAS PPM
MW-1/ARM	12/17/2008	36	0	120
MW-2/ARM	12/17/2008	29	0	10
MW-3/ARM	12/17/2008	51	0	20
MW-4/ARM	12/17/2008	42	0	80
MW-5/ARM	12/17/2008	19	0	0
METHANE WELL/ARM	12/17/2008	Approx 160	5%-13%	3,200-6,500
MW-1/ACLF	3/19/2009	36	0	0
MW-2/ACLF	3/19/2009	29	0	0
MW-3/ACLF	3/19/2009	51	0	0
MW-4/ACLF	3/19/2009	42	0	0
MW-5/ACLF	3/19/2009	19	0	0
METHANE WELL/ACLF	3/19/2009	Approx 160	5%-12%	2,700-7,000
MW-1/ARM	6/2/2009	36	0	0
MW-2/ARM	6/2/2009	29	0	0
MW-3/ARM	6/2/2009	51	0	0
MW-4/ARM	6/2/2009	42	0	0
MW-5/ARM	6/2/2009	19	0	0
METHANE WELL/ARM	6/2/2009	Approx 160	3%-18%	1,200-9,500
MW-1/ACLF	9/15/2009	36	NM*	NM*
MW-2/ACLF	9/15/2009	29	NM*	NM*
MW-3/ACLF	9/15/2009	51	NM*	NM*
MW-4/ACLF	9/15/2009	42	NM*	NM*
MW-5/ACLF	9/15/2009	19	NM*	NM*
METHANE WELL/ACLF	9/15/2009	Approx 160	NM*	NM*
MW-1/ARM	12/22/2009	36	0	40
MW-2/ARM	12/22/2009	29	0	60
MW-3/ARM	12/22/2009	51	0	0
MW-4/ARM	12/22/2009	42	0	0
MW-5/ARM	12/22/2009	19	0	0
METHANE WELL/ARM	12/22/2009	Approx 160	10%-20%	1,750-4,360

NM* = Not measured due to equipment malfunction
ARM = Applied Resource Management, PC.
ACLF = Alleghany County Landfill

TABLE 2 (Continued)

QUARTERLY METHANE MONITORING
DATA SUMMARY

ALLEGHANY COUNTY
CLOSED MSWLF

SAMPLE LOCATION/ SAMPLED BY	DATE	WELL DEPTH IN FEET	METHANE GAS LEL	METHANE GAS PPM
MW-1/ARM	6/9/2010	36	0	40
MW-2/ARM	6/9/2010	29	0	10
MW-3/ARM	6/9/2010	51	0	0
MW-4/ARM	6/9/2010	42	0	0
MW-5/ARM	6/9/2010	19	0	0
METHANE WELL/ARM	6/9/2010	Approx 160	10%-20%	850-1,600
SCALE HOUSE/ARM	6/9/2010	NA	0	0
RECYCLING CENTER/ARM	6/9/2010	NA	0	0
TIPPING SCALE/ARM	6/9/2010	NA	0	0
MW-1/ARM	9/2/10	36	0	20
MW-2/ARM	9/2/10	29	0	0
MW-3/ARM	9/2/10	51	0	0
MW-4/ARM	9/2/10	42	0	0
MW-5/ARM	9/2/10	19	0	0
METHANE WELL/ARM	9/2/10	Approx 160	10%-20%	1,475-5,900
SCALE HOUSE/ARM	9/2/10	NA	0	0
RECYCLING CENTER/ARM	9/2/10	NA	0	0
TIPPING SCALE/ARM	9/2/10	NA	0	0
MW-1/ARM	12/22/10	36	0	20
MW-2/ARM	12/22/10	29	0	10
MW-3/ARM	12/22/10	51	0	0
MW-4/ARM	12/22/10	42	0	0
MW-5/ARM	12/22/10	19	0	0
METHANE WELL/ARM	12/22/10	Approx 160	10%-21%	1,200-4,200
SCALE HOUSE/ARM	12/22/10	NA	0	0
RECYCLING CENTER/ARM	12/22/10	NA	0	0
TIPPING SCALE/ARM	12/22/10	NA	0	0

ARM = Applied Resource Management, PC.
LEL = Lower explosive limit
PPM = Parts per million
NA = Not applicable

TABLE 2 (Continued)

QUARTERLY METHANE MONITORING
DATA SUMMARY

ALLEGHANY COUNTY
CLOSED MSWLF

SAMPLE LOCATION/ SAMPLED BY	DATE	WELL DEPTH IN FEET	METHANE GAS LEL	METHANE GAS PPM
0303T-MW1	3/3/2011	36	0	10
0303T-MW2	3/3/2011	29	0	0
0303T-MW3	3/3/2011	51	0	0
0303T-MW4	3/3/2011	42	0	0
0303T-MW5	3/3/2011	19	0	0
METHANE WELL/ARM	3/3/2011	Approx 160	10%-20%	740-7,850
SCALE HOUSE/ARM	3/3/2011	NA	0	0
RECYCLING CENTER/ARM	3/3/2011	NA	0	0
TIPPING SCALE/ARM	3/3/2011	NA	0	0
0303T-MW1	6/13/2011	36	0	20
0303T-MW2	6/13/2011	29	0	0-10
0303T-MW3	6/13/2011	51	0	0
0303T-MW4	6/13/2011	42	0	0
0303T-MW5	6/13/2011	19	0	0
METHANE WELL	6/13/2011	Approx 160	10%-20%	620-2,340
SCALE HOUSE	6/13/2011	NA	0	0
RECYCLING CENTER	6/13/2011	NA	0	0
TIPPING SCALE	6/13/2011	NA	0	0
0303T-MW1	9/23/2011	36	0	0-10
0303T-MW2	9/23/2011	29	0	0
0303T-MW3	9/23/2011	51	0	0
0303T-MW4	9/23/2011	42	0	0
0303T-MW5	9/23/2011	19	0	0
METHANE WELL	9/23/2011	Approx 160	10%-20%	320-8,340
SCALE HOUSE	9/23/2011	NA	0	0
RECYCLING CENTER	9/23/2011	NA	0	0
TIPPING SCALE	9/23/2011	NA	0	0
0303T-MW1	12/15/2011	36	0	0-10
0303T-MW2	12/15/2011	29	0	0
0303T-MW3	12/15/2011	51	0	0
0303T-MW4	12/15/2011	42	0	0
0303T-MW5	12/15/2011	19	0	0
METHANE WELL	12/15/2011	Approx 160	10%-20%	430-4,600
SCALE HOUSE	12/15/2011	NA	0	0
RECYCLING CENTER	12/15/2011	NA	0	0
TIPPING SCALE	12/15/2011	NA	0	0

LEL = Lower explosive limit PPM = Parts per million NA = Not applicable

TABLE 2 (Continued)

QUARTERLY METHANE MONITORING
DATA SUMMARY

ALLEGHANY COUNTY
CLOSED MSWLF

SAMPLE LOCATION/ SAMPLED BY	DATE	WELL DEPTH IN FEET	METHANE GAS LEL	METHANE GAS PPM
0303T-MW1	3/15/2012	36	0	0-20
0303T-MW2	3/15/2012	29	0	20-40
0303T-MW3	3/15/2012	51	0	0
0303T-MW4	3/15/2012	42	0	0
0303T-MW5	3/15/2012	19	0	0
METHANE WELL/ARM	3/15/2012	Approx 160	10%-20%	410-2,930
SCALE HOUSE/ARM	3/15/2012	NA	0	0
RECYCLING CENTER/ARM	3/15/2012	NA	0	0
TIPPING SCALE/ARM	3/15/2012	NA	0	0
0303T-MW1	6/21/2012	36	0	0-10
0303T-MW2	6/21/2012	29	0	0-20
0303T-MW3	6/21/2012	51	0	0
0303T-MW4	6/21/2012	42	0	0
0303T-MW5	6/21/2012	19	0	0
METHANE WELL	6/21/2012	Approx 160	10%-20%	610-3,470
SCALE HOUSE	6/21/2012	NA	0	0
RECYCLING CENTER	6/21/2012	NA	0	0
TIPPING SCALE	6/21/2012	NA	0	0

LEL = Lower explosive limit
PPM = Parts per million
NA = Not applicable

TABLE 3 (PAGE 1 OF 10)
HISTORICAL GROUNDWATER SAMPLE RESULTS SUMMARY

ALLEGHANY COUNTY LANDFILL
SPARTA, NORTH CAROLINA

ANALYTE	NCAC 02L STD.	GWP STD.	SWSQL	0303T-MW1													0303T-MW2											
			DATE SAMPLED	12/20/06	6/14/07	7/27/07	12/22/07	7/2/08	12/18/08	6/2/09	12/22/09	6/9/10	12/22/10	6/13/11	12/15/11	6/21/12	12/20/06	6/14/07	12/22/07	7/2/08	12/18/08	6/2/09	12/22/09	6/9/10	12/22/10	6/13/11	12/15/11	6/21/12
APPENDIX I VOLATILES (CONCENTRATIONS IN ug/L)																												
ACETONE	6,000	NE	100	12.8	3.45 J	BQL	5.58 J	BQL	BQL	BQL	BQL	4.40 J	BQL	ND	13.3 J	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	1.12 J	ND
BENZENE	1	NE	3	BQL	1.34 J	5.02	4.91	1.62	BQL	2.17	BQL	0.910 J	1.95	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	0.260J
2-BUTANONE	4,000	NE	100	BQL	BQL	BQL	1.68 J	BQL	BQL	BQL	BQL	BQL	BQL	ND	6.36 J	ND	BQL	BQL	1.70 J	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CARBON DISULFIDE	700	700	100	BQL	1.38 J	BQL	0.440 J	BQL	BQL	BQL	BQL	3.32 J	BQL	1.19 J	1.31 J	0.630J	BQL	3.96 J	1.42 J	BQL	BQL	BQL	BQL	9.77 J	BQL	3.15 J	2.02 J	ND
CHLOROBENZENE	50	NE	3	BQL	BQL	BQL	0.130 J	BQL	BQL	BQL	BQL	BQL	0.110J	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CHLOROETHANE	3,000	2,800	10	BQL	1.77 J	BQL	4.73	2.04 J	BQL	2.13 J	BQL	1.07 J	3.44J	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	0.610 J	1.01J
CHLOROMETHANE	3	2.6	5.5	BQL	BQL	BQL	0.310 J	BQL	BQL	0.250 J	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
1,2-DICHLOROBENZENE	20	NE	5	BQL	BQL	BQL	0.490 J	0.180 J	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
1,4-DICHLOROBENZENE	6	NE	3	BQL	BQL	BQL	2.62 J	1.21 J	BQL	0.990 J	BQL	0.440 J	2.14J	0.150 J	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.130 J	ND	ND
1,1-DICHLOROETHANE	6	NE	5	BQL	0.600 J	BQL	2.79 J	1.08 J	BQL	0.630 J	BQL	0.420 J	1.52J	ND	ND	ND	0.640	1.32 J	1.44 J	2.51 J	2.32J	2.10 J	2.43 J	2.98 J	2.99J	3.28 J	4.14 J	5.61
1,1-DICHLOROETHENE	7	NE	5	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	0.290 J	0.340 J	0.240J	0.340 J	0.390 J	0.520 J	0.510J	0.650 J	0.630 J	0.980J
CIS-1,2-DICHLOROETHENE	70	NE	5	BQL	2.46 J	8.77	7.19	3.04 J	BQL	2.92 J	BQL	1.36 J	3.71J	0.290 J	ND	0.440J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	0.180 J	0.330J
1,2-DICHLOROPROPANE	0.6	NE	3	BQL	BQL	BQL	0.150 J	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
ETHYLBENZENE	600	NE	5	BQL	BQL	BQL	0.300 J	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
METHYLENE CHLORIDE	5	NE	5.5	BQL	BQL	BQL	1.85 J	1.47	0.180J	0.450 J	0.290 J	0.750 J	2.78J	0.210 J	0.330 J	ND	0.660	1.22 J	1.64 J	2.38	2.68	1.93	2.38	3.87	5.64J	5.34	4.68	11.8
TETRACHLOROETHENE	0.7	NE	3	BQL	BQL	BQL	0.540 J	0.240 J	BQL	0.150 J	BQL	BQL	0.210J	ND	ND	ND	BQL	BQL	BQL	0.160 J	BQL	0.170 J	0.170 J	0.150 J	0.220J	0.250 J	0.290 J	ND
I,I,I-TRICHLOROETHANE	200	NE	5	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	0.950	1.38 J	1.27	1.69	1.29J	1.26	1.38	BQL	1.34J	1.64	1.39	1.94
TRICHLOROFLOUROMETHANE	2,000	NE	5	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	2.60	2.99 J	2.36 J	3.88	2.84	2.74	3.22	3.65	3.64	3.75	3.74	5.04
TOLUENE	600	NE	5	BQL	BQL	BQL	0.860 J	0.170 J	BQL	BQL	BQL	0.170 J	BQL	ND	ND	0.160J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
TRICHLOROETHENE	3	NE	3	BQL	0.370 J	BQL	1.33 J	0.630 J	BQL	0.330 J	BQL	0.160 J	0.550J	ND	ND	ND	BQL	BQL	0.220 J	0.250 J	0.220J	0.230 J	0.300 J	1.51	0.380J	0.420 J	0.510 J	0.640J
VINYL CHLORIDE	0.03	NE	5.5	BQL	0.410 J	BQL	1.27 J	0.540 J	BQL	0.470 J	BQL	BQL	0.560J	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
TOTAL XYLENE	500	NE	4	BQL	BQL	BQL	1.58 J	0.160 J	BQL	0.140 J	BQL	BQL	0.140J	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
ALL OTHER COMPOUNDS	Varies	Varies	Varies	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND

Shaded areas represent concentrations exceeding the NCAC 02L Groundwater Standards or Solid Waste Groundwater Protection Standard.
BQL = Below Quantitation Limits
ug/L = parts per billion
NE = not established
GWP = Groundwater Protection Standard
SWSQL = Solid Waste Section Quantitation Limit
NA = Not Analyzed
J = Estimated Concentration
ND = Not detected

TABLE 3 (PAGE 2 OF 10)
HISTORICAL GROUNDWATER SAMPLE RESULTS SUMMARY

ALLEGHANY COUNTY LANDFILL
SPARTA, NORTH CAROLINA

ANALYTE	NCAC 02L STD.	GWP STD.	SWSQL	0303T-MW3														0303T-MW4								
		DATE SAMPLED		12/20/06	2/27/07	6/14/07	7/27/07	12/22/07	7/2/08	12/18/08	6/2/09	12/22/09	6/9/10	12/22/10	6/13/11	12/15/11	6/21/12	12/20/06 7/2/08 12/18/08 6/2/09	6/14/07	12/22/07	12/22/09	6/9/10	12/22/10	6/13/11	12/15/11	6/21/12
APPENDIX I VOLATILES (CONCENTRATIONS IN ug/L)																										
ACETONE	6,000	NE	100	BQL	NA	4.19 J	NA	5.93 J	BQL	5.36J	BQL	BQL	BQL	3.14J	ND	1.13 J	ND	BQL	BQL	1.51 J	BQL	BQL	BQL	ND	ND	ND
BENZENE	1	NE	3	0.370	NA	0.330 J	NA	0.360 J	0.440 J	0.300J	0.250 J	0.340 J	1.24	0.670J	1.44	0.670 J	0.690J	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
2-BUTANONE	4,000	NE	100	BQL	BQL	BQL	NA	2.65 J	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CARBON DISULFIDE	700	700	100	BQL	NA	15.9 J	NA	0.850 J	BQL	BQL	BQL	0.730 J	21.9 J	BQL	1.85 J	4.54 J	6.06J	BQL	6.03 J	0.070 J	0.340 J	14.2 J	BQL	1.36 J	4.64 J	2.33J
CHLOROBENZENE	50	NE	3	BQL	BQL	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CHLOROETHANE	3,000	2,800	10	1.76	NA	1.36 J	NA	0.850 J	1.56 J	1.15J	0.790 J	0.990 J	2.72 J	1.52J	2.75 J	1.66 J	1.52J	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CHLOROMETHANE	3	2.6	5.5	BQL	BQL	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	0.210 J	BQL	BQL	ND	ND	ND
1,2-DICHLOROBENZENE	20	NE	5	BQL	BQL	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
1,4-DICHLOROBENZENE	6	NE	3	BQL	BQL	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
1,1-DICHLOROETHANE	6	NE	5	0.750	NA	0.640 J	NA	0.660 J	0.750 J	0.490J	0.340 J	0.450 J	1.41 J	0.610J	1.26 J	0.480 J	0.440J	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
1,1-DICHLOROETHENE	7	NE	5	BQL	BQL	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	NE	5	2.86	NA	2.29 J	NA	2.77 J	3.39 J	2.29J	1.89 J	2.68 J	12.1	6.56	14.2	7.17	6.14	BQL	BQL	BQL	BQL	BQL	0.130J	ND	ND	ND
1,2-DICHLOROPROPANE	0.6	NE	3	BQL	BQL	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
ETHYLBENZENE	600	NE	5	BQL	BQL	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
METHYLENE CHLORIDE	5	NE	5.5	0.240	NA	BQL	NA	0.320 J	0.610 J	0.610J	0.770 J	0.870 J	1.12	0.700J	1.07	0.760 J	0.380J	BQL	BQL	BQL	BQL	BQL	0.430J	ND	ND	ND
TETRACHLOROETHENE	0.7	NE	3	0.530	NA	0.500 J	NA	0.460 J	0.490 J	0.330J	0.250 J	0.200 J	0.370 J	0.210J	0.420 J	0.220 J	ND	BQL	BQL	BQL	0.270 J	BQL	BQL	ND	ND	ND
I,I,I-TRICHLOROETHANE	200	NE	5	BQL	NA	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
TRICHLOROFLOUROMETHANE	2,000	NE	5	BQL	NA	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
TOLUENE	600	NE	5	0.200	NA	BQL	NA	BQL	0.200 J	0.790J	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
TRICHLOROETHENE	3	NE	3	0.490	NA	0.430 J	NA	0.420 J	0.560 J	0.410J	0.290 J	0.310 J	0.820 J	0.500J	0.800 J	0.530 J	0.550J	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
VINYL CHLORIDE	0.03	NE	5.5	0.500	BQL	0.370 J	BQL	0.430 J	BQL	0.960J	0.320 J	0.360 J	0.810 J	0.490J	0.850 J	0.610 J	0.470J	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
TOTAL XYLENE	500	NE	4	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.170 J	BQL	0.180 J	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
ALL OTHER COMPOUNDS	Varies	Varies	Varies	BQL	NA	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND

Shaded areas represent concentrations exceeding the NCAC 02L Groundwater Standards or Solid Waste Groundwater Protection Standard.
BQL = Below Quantitation Limits
ug/L = parts per billion
NE = not established
GWP = Groundwater Protection Standard
SWSQL = Solid Waste Section Quantitation Limit
NA = Not Analyzed
J = Estimated Concentration
U = Undetected
ND = Not detected

TABLE 3 (PAGE 3 OF 10)
HISTORICAL GROUNDWATER SAMPLE RESULTS SUMMARY

ALLEGHANY COUNTY LANDFILL
SPARTA, NORTH CAROLINA

ANALYTE	NCAC 02L STD.	GWP STD.	SWSQL	0303T-MW5								0303T-ST1										0303T-ST2								
DATE SAMPLED				7/2/08 6/2/09	12/18/08	12/22/09	6/9/10	12/22/10	6/13/11	12/15/11	6/21/12	12/20/06 7/2/08	6/14/07	12/22/07	12/18/08	6/2/09	12/22/09	6/9/10	12/22/10	6/13/11 6/21/12	12/15/11	12/20/06 7/2/08 12/18/08 6/2/09	6/14/07	12/22/07	12/22/09	6/9/10	12/22/10	6/13/11	12/15/11	6/21/12
APPENDIX I VOLATILES (CONCENTRATIONS IN ug/L)																														
ACETONE	6,000	NE	100	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	1.43J	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	3.05J	BQL	BQL	BQL	1.26J	ND	ND
BENZENE	1	NE	3	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
2-BUTANONE	4,000	NE	100	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CARBON DISULFIDE	700	700	100	BQL	BQL	BQL	2.54J	BQL	0.950J	0.550J	0.860J	BQL	0.810J	0.420J	BQL	BQL	0.350J	5.79J	BQL	ND	1.83J	BQL	7.71	0.150J	BQL	2.51J	BQL	0.610J	0760J	5.00J
CHLOROBENZENE	50	NE	3	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CHLOROETHANE	3,000	2,800	10	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CHLOROFORM	70	NE	5	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CHLOROMETHANE	3	2.6	5.5	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
1,2-DICHLOROBENZENE	20	NE	5	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
1,4-DICHLOROBENZENE	6	NE	3	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
1,1-DICHLOROETHANE	6	NE	5	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
1,1-DICHLOROETHENE	7	NE	5	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	NE	5	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	0.110J	BQL	0.100J	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
1,2-DICHLOROPROPANE	0.6	NE	3	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
ETHYLBENZENE	600	NE	5	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
METHYLENE CHLORIDE	5	NE	5.5	BQL	BQL	BQL	BQL	1.44	ND	0.310J	ND	BQL	BQL	BQL	BQL	0.410 J	BQL	BQL	1.01	ND	ND	BQL	BQL	BQL	0.230 J	BQL	0.220J	ND	0.160J	ND
TETRACHLOROETHENE	0.7	NE	3	BQL	0.160	0.260J	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
I,I,I-TRICHLOROETHANE	200	NE	5	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
TRICHLOROFLOURO METHANE	2,000	NE	5	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
TOLUENE	600	NE	5	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
TRICHLOROETHENE	3	NE	3	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
VINYL CHLORIDE	0.03	NE	5.5	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
TOTAL XYLENE	500	NE	4	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
ALL OTHER COMPOUNDS	Varies	Varies	Varies	BQL	BQL	BQL	BQL	BQL	ND	ND	ND	BQL/NA	NA	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND

Shaded areas represent concentrations exceeding the NCAC 02L Groundwater Standards or Solid Waste Groundwater Protection Standard.
BQL = Below Quantitation Limits
ug/L = parts per billion
NE = not established
GWP = Groundwater Protection Standard
SWSQL = Solid Waste Section Quantitation Limit
NA = Not Analyzed
J = Estimated Concentration
U = Undetected
ND = Not detected

TABLE 3 (PAGE 4 OF 10)
HISTORICAL GROUNDWATER SAMPLE RESULTS SUMMARY

ALLEGHANY COUNTY LANDFILL
SPARTA, NORTH CAROLINA

ANALYTE	NCAC 02L STD.	GWP STD.	SWSQL	0303T-MW1													
DATE SAMPLED				12/20/06	2/27/07	6/14/07	7/27/07	12/22/07	7/2/08	12/18/08	6/2/09	12/22/09	6/9/10	12/22/10	6/13/11	12/15/11	6/21/12
APPENDIX I METALS (CONCENTRATIONS IN mg/L																	
ARSENIC	0.010	NE	0.010	BQL	BQL	BQL	BQL	BQL	0.00886JB	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
BARIUM	0.7	NE	0.10	0.0463	NA	0.0459	NA	0.0270JB	0.0786JB	0.0205J	0.0251JB	0.0332JB	0.0301J	0.0107JB	0.0407J	0.0487J	0.0519J
BERYLLIUM	NE	0.002	0.001	BQL	NA	0.00674	BQL	BQL	0.00594B	0.00143B	BQL	BQL	BQL	BQL	ND	ND	ND
CADMIUM	0.002	NE	0.001	0.00041	NA	0.00476	BQL	0.00018J	0.000370J	BQL	0.000360J	BQL	BQL	BQL	0.00435J	0.00008J	0.000520J
CHROMIUM	0.010	NE	0.010	0.00707	NA	0.00476	NA	0.00364JB	0.00870JB	0.00226JB	0.00298JB	0.00496JB	0.00351J	0.00228J	0.00495J	0.00504J	0.00272J
COBALT	NE	0.002	0.010	0.00482	BQL	0.00356	BQL	BQL	0.00626J	BQL	0.00525JB	BQL	BQL	BQL	ND	ND	ND
COPPER	1.0	NE	0.010	0.0118	NA	0.00404	NA	0.00443JB	0.00803J	0.00633JB	0.00725JB	0.00742JB	0.00705J	0.00501JB	0.00779J	0.00707J	0.00692J
LEAD	0.015	NE	0.010	BQL	NA	BQL	NA	0.0051JB	0.00812JB	BQL	0.00904J	BQL	BQL	BQL	0.00678J	0.00646J	ND
NICKEL	0.10	NE	0.050	0.00589	NA	BQL	NA	BQL	BQL	BQL	0.00448J	BQL	0.00269J	0.00250J	0.00312J	0.00556J	ND
SELENIUM	0.020	NE	0.010	BQL	NA	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.00404J	ND	ND
SILVER	0.020	NE	0.010	0.00546	NA	BQL	NA	BQL	0.00422JB	0.00106JB	0.00559JB	0.00290JB	0.00230J B	BQL	0.00483J	0.00170J	ND
THALLIUM	NE	2.0	0.0055	BQL	NA	BQL	NA	BQL	0.0102	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
VANADIUM	NE	0.025	0.025	0.00803	NA	BQL	NA	BQL	BQL	0.0113J	0.00656JB	0.00375	0.0137JB	0.000900J B	ND	0.00730	0.00140J
ZINC	1.0	NE	0.010	0.0130	NA	0.0221	NA	0.00399	0.0155B	0.00697J	0.00682J	0.0106 B	0.00914J	0.00596J	0.0115J	0.00768J	0.0102J

Shaded areas represent non compliant concentrations.
BQL = Below Quantitation Limits, ppm = parts per million
NE = Not Established, NA = Not Analyzed
J = Estimated Concentration, Below Calibration Range and Above Method Detection Limit
B = Compound Also Detected In Batch Blank, Amount in Prep Blank > MDL

TABLE 3 (PAGE 5 OF 10)
HISTORICAL GROUNDWATER SAMPLE RESULTS SUMMARY

ALLEGHANY COUNTY LANDFILL
SPARTA, NORTH CAROLINA

ANALYTE	NCAC 02L STD.	GWP STD.	SWSQL	0303T-MW2												
DATE SAMPLED				12/20/06	2/27/07	6/14/07	12/22/07	7/2/08	12/18/08	6/2/09	12/22/09	6/9/10	12/22/10	6/13/11	12/15/11	6/21/12
APPENDIX I METALS (CONCENTRATIONS IN mg/L																
ARSENIC	0.010	NE	0.010	BQL	BQL	BQL	BQL	0.00438JB	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
BARIUM	0.7	NE	0.10	0.0428	NA	0.0235	0.0274JB	0.0342JB	0.0201J	0.0220JB	0.0342JB	0.0122J	0.0119JB	0.0419J	0.0135 J	0.0278J
BERYLLIUM	NE	0.002	0.001	BQL	NA	BQL	BQL	0.00635B	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CADMIUM	0.002	NE	0.001	0.000530	NA	BQL	0.00014J	BQL	BQL	BQL	0.00432	BQL	BQL	0.00579	0.000100J	0.0000400J
CHROMIUM	0.010	NE	0.010	0.00570	NA	0.00392	0.00363JB	0.00589JB	0.00172JB	0.00243JB	0.00619JB	BQL	0.00204J	0.00488J	ND	ND
COBALT	NE	0.002	0.010	0.00235	BQL	BQL	BQL	BQL	BQL	0.00403JB	BQL	BQL	BQL	ND	ND	ND
COPPER	1.0	NE	0.010	0.00908	NA	0.00371	0.00244JB	0.00448J	0.00343JB	0.00625JB	0.00779JB	BQL	0.00146JB	0.00553J	0.00150J	0.00282J
LEAD	0.015	NE	0.010	0.00310	NA	BQL	0.00597JB	0.00912JB	BQL	BQL	BQL	BQL	BQL	0.00885J	ND	ND
NICKEL	0.10	NE	0.050	0.00459	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
SELENIUM	0.020	NE	0.010	0.0107	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.00490J	ND	ND
SILVER	0.020	NE	0.010	0.00595	NA	BQL	BQL	0.00325JB	0.00122JB	0.00527JB	0.00286JB	0.00237JB	0.00100J	0.0101J	0.00212J	ND
THALLIUM	NE	2.0	0.0055	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
VANADIUM	NE	0.025	0.025	0.00485	NA	BQL	BQL	BQL	0.00213J	0.00452JB	0.00493	0.00417JB	0.00134JB	ND	0.00670J	ND
ZINC	1.0	NE	0.010	0.00859	NA	0.00831	0.00413 J	0.00605JB	BQL	BQL	0.0370B	0.00242J	0.00235J	0.0120J	0.00348J	0.00272J

Shaded areas represent non compliant concentrations.
BQL = Below Quantitation Limits, ppm = parts per million
NE = Not Established, NA = Not Analyzed
J = Estimated Concentration, Below Calibration Range and Above Method Detection Limit
B = Compound Also Detected In Batch Blank, Amount in Prep Blank > MDL

TABLE 3 (PAGE 6 OF 10)
HISTORICAL GROUNDWATER SAMPLE RESULTS SUMMARY

ALLEGHANY COUNTY LANDFILL
SPARTA, NORTH CAROLINA

ANALYTE	NCAC 02L STD.	GWP STD.	SWSQL	0303T-MW3													
			DATE SAMPLED	12/20/06	2/27/07	6/14/07	7/27/07	12/22/07	7/2/08	12/18/08	6/2/09	12/22/09	6/9/10	12/22/10	06/13/11	12/15/11	6/21/12
APPENDIX I METALS (CONCENTRATIONS IN mg/L																	
ARSENIC	0.010	NE	0.010	BQL	BQL	BQL	BQL	BQL	0.00559JB	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
BARIUM	0.7	NE	0.10	0.192	NA	0.259	NA	0.295B	0.307B	0.309	0.341B	0.326B	0.351	0.280B	0.326	0.303	0.256
BERYLLIUM	NE	0.002	0.001	0.00040	NA	0.00157	NA	BQL	0.00290B	BQL	0.00107	0.000590J	0.000480J	0.000830J	ND	0.000720J	0.000420J
CADMIUM	0.002	NE	0.001	BQL	NA	BQL	NA	0.00022J	BQL	BQL	BQL	BQL	BQL	BQL	0.00641	0.000320J	ND
CHROMIUM	0.010	NE	0.010	0.00560	NA	0.00381	NA	0.00353JB	0.00607JB	0.00240JB	0.00314JB	0.00507JB	BQL	0.00192J	0.00436J	ND	0.00158J
COBALT	NE	0.002	0.010	0.00484	BQL	0.00483	BQL	BQL	0.00551J	BQL	0.0107B	0.0103	0.00587J	0.00785J	0.00886J	0.00490J	0.00484J
COPPER	1.0	NE	0.010	0.00905	NA	0.00359	NA	0.00239JB	0.00509J	0.00352JB	0.00689JB	0.00605JB	BQL	BQL	0.00521J	0.00170J	0.00278J
LEAD	0.015	NE	0.010	0.00372	NA	BQL	NA	0.00546JB	BQL	0.00542J	0.00848J	BQL	BQL	BQL	0.00600J	ND	ND
NICKEL	0.10	NE	0.050	0.00784	NA	BQL	NA	BQL	BQL	BQL	0.00448J	BQL	BQL	0.00313J	ND	ND	ND
SELENIUM	0.020	NE	0.010	BQL	NA	BQL	NA	BQL	BQL	BQL	BQL	0.00509J	BQL	BQL	0.00620J	ND	ND
SILVER	0.020	NE	0.010	0.00605	NA	BQL	NA	BQL	0.00324JB	BQL	0.00471JB	0.00217JB	0.00198JB	BQL	0.00846J	ND	ND
THALLIUM	NE	2.0	0.0055	BQL	NA	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
VANADIUM	NE	0.025	0.025	0.00511	NA	BQL	NA	BQL	BQL	0.0144J	0.00862JB	0.00352	0.00313JB	0.00194	ND	0.00600J	ND
ZINC	1.0	NE	0.010	0.0137	NA	0.0185	NA	0.0190	0.0160B	0.0139	0.0204	0.0180 B	0.0168	0.0153JB	0.0179J	0.0237	0.0163J

Shaded areas represent non compliant concentrations.
BQL = Below Quantitation Limits, ppm = parts per million
NE = Not Established, NA = Not Analyzed
J = Estimated Concentration, Below Calibration Range and Above Method Detection Limit
B = Compound Also Detected In Batch Blank, Amount in Prep Blank > MDL

TABLE 3 (PAGE 7 OF 10)
HISTORICAL GROUNDWATER SAMPLE RESULTS SUMMARY

ALLEGHANY COUNTY LANDFILL
SPARTA, NORTH CAROLINA

ANALYTE	NCAC 02L STD.	GWP STD.	SWSQL	0303T-MW4												
			DATE SAMPLED	12/20/06	2/27/07	6/14/07	12/22/07	7/2/08	12/18/08	6/2/09	12/22/09	6/9/10	12/22/10	06/13/11	15/11/11	6/21/12
APPENDIX I METALS (CONCENTRATIONS IN mg/L																
ARSENIC	0.010	NE	0.010	BQL	BQL	BQL	BQL	0.00350JB	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
BARIUM	0.7	NE	0.10	0.117	NA	0.102	0.108B	0.126B	0.115	0.108B	0.123B	0.104	0.123B	0.139	0.126	0.147
BERYLLIUM	NE	0.002	0.001	BQL	NA	0.00191	BQL	0.00483B	BQL	BQL	BQL	BQL	BQL	ND	0.000014J	ND
CADMIUM	0.002	NE	0.001	BQL	NA	BQL	0.00020J	BQL	0.000140J	BQL	BQL	BQL	0.000160J	0.00641	0.000160J	0.000340J
CHROMIUM	0.010	NE	0.010	0.00522	NA	0.00329	0.00294JB	0.00589JB	0.00213JB	0.00227JB	0.00473JB	BQL	0.00181J	0.00501J	0.00167J	ND
COBALT	NE	0.002	0.010	0.00300	BQL	BQL	BQL	BQL	BQL	0.00396JB	0.00185J	BQL	0.00185J	ND	ND	ND
COPPER	1.0	NE	0.010	0.00891	NA	0.00270	0.00249JB	0.00480J	0.00357JB	0.00664JB	0.00590JB	BQL	0.00193JB	0.00417J	0.00126J	0.00345J
LEAD	0.015	NE	0.010	0.00124	NA	BQL	0.00770JB	BQL	BQL	0.00702J	BQL	BQL	BQL	ND	ND	ND
NICKEL	0.10	NE	0.050	0.00422	NA	BQL	BQL	BQL	BQL	0.00276J	BQL	BQL	0.00271J	ND	ND	ND
SELENIUM	0.020	NE	0.010	0.00917	NA	BQL	BQL	BQL	BQL	BQL	0.00439J	BQL	BQL	0.00602J	ND	ND
SILVER	0.020	NE	0.010	0.00611	NA	BQL	BQL	0.00317JB	0.00126JB	0.00508JB	0.00309JB	0.00224JB	0.000970J	0.00974J	0.00227J	ND
THALLIUM	NE	2.0	0 .0055	BQL	NA	BQL	BQL	0.00627	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
VANADIUM	NE	0.025	0.025	0.00455	NA	BQL	BQL	BQL	0.0132J	0.00704JB	0.00264	0.00395JB	0.00313JB	ND	0.00460J	ND
ZINC	1.0	NE	0.010	0.00706	NA	0.00720	BQL	0.00601JB	BQL	BQL	0.00628JB	0.00148J	0.00439J	0.00610J	0.00242J	0.00331J

Shaded areas represent non compliant concentrations.
BQL = Below Quantitation Limits, ppm = parts per million
NE = Not Established, NA = Not Analyzed
J = Estimated Concentration, Below Calibration Range and Above Method Detection Limit
B = Compound Also Detected In Batch Blank, Amount in Prep Blank > MDL

TABLE 3 (PAGE 8 OF 10)
HISTORICAL GROUNDWATER SAMPLE RESULTS SUMMARY

ALLEGHANY COUNTY LANDFILL
SPARTA, NORTH CAROLINA

ANALYTE	NCAC 02L STD.	GWP STD.	SWSQL	0303T-MW5								
DATE SAMPLED				7/2/08	12/18/08	6/2/09	12/22/09	6/9/10	12/22/10	06/13/11	12/15/11	6/21/12
APPENDIX I METALS (CONCENTRATIONS IN mg/L												
ARSENIC	0.010	NE	0.010	0.00761JB	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
BARIUM	0.7	NE	0.10	0.195B	0.0267 J	0.238 JB	0.0346 JB	0.0118	0.0394J	0.0401J	0.0137 J	0.0260J
BERYLLIUM	NE	0.002	0.001	0.00786B	0.00772 B	BQL	BQL	BQL	BQL	ND	ND	ND
CADMIUM	0.002	NE	0.001	0.00041J	BQL	BQL	BQL	BQL	0.00323	0.00579	0.000010J	ND
CHROMIUM	0.010	NE	0.010	0.0168B	0.00158 JB	0.00251 JB	0.00496 JB	BQL	0.00275J	0.00462J	ND	ND
COBALT	NE	0.002	0.010	0.0186	0.00947 J	0.00541 JB	0.00281 J	BQL	0.00530J	ND	ND	ND
COPPER	1.0	NE	0.010	0.0139	0.00310 JB	0.00683 JB	0.00608 JB	BQL	0.00523JB	0.00484J	0.00186 J	0.00295J
LEAD	0.015	NE	0.010	0.0156B	BQL	0.00805 J	BQL	BQL	BQL	0.00804J	ND	ND
NICKEL	0.10	NE	0.050	0.0274J	0.00560 J	0.00267 J	BQL	BQL	0.00690J	ND	ND	ND
SELENIUM	0.020	NE	0.010	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
SILVER	0.020	NE	0.010	0.00265JB	0.00156 JB	0.00553 JB	0.00292 JB	0.00230JB	0.000850J	0.00172J	0.00187J	ND
THALLIUM	NE	2.0	0.0055	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
VANADIUM	NE	0.025	0.025	0.0189J	0.0113 J	0.00945 JB	0.00363	0.00432JB	0.00412JB	ND	0.00690	ND
ZINC	1.0	NE	0.010	0.0703B	BQL	BQL	0.00864 JB	0.00299J	0.0231	0.00952J	0.00407J	0.00440J

Shaded areas represent non compliant concentrations.
BQL = Below Quantitation Limits
ppm = parts per million
NE = Not Established
NA = Not Analyzed
J = Estimated Concentration, Below Calibration Range and Above Method Detection Limit
B = Compound Also Detected In Batch Blank

TABLE 3 (PAGE 9 OF 10)
HISTORICAL GROUNDWATER SAMPLE RESULTS SUMMARY

ALLEGHANY COUNTY LANDFILL
SPARTA, NORTH CAROLINA

ANALYTE	NCAC 02L STD.	GWP STD.	SWSQL	0303T-ST1													
DATE SAMPLED				12/20/06	2/27/07	6/14/07	7/27/07	12/22/07	7/2/08	12/18/08	6/2/09	12/22/09	6/9/10	12/22/10	06/13/11	12/15/11	6/21/12
APPENDIX I METALS (CONCENTRATIONS IN mg/L																	
ARSENIC	0.010	NE	0.010	BQL	BQL	BQL	BQL	BQL	0.00559JB	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
BARIUM	0.7	NE	0.10	0.0570	NA	0.0339	NA	0.0434JB	0.0336JB	0.0232 J	0.0328 JB	0.0403 JB	0.0388J	0.0151JB	0.0485J	0.0240 J	0.0372J
BERYLLIUM	NE	0.002	0.001	BQL	NA	0.00627	BQL	BQL	0.00676B	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
CADMIUM	0.002	NE	0.001	BQL	NA	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.00590	0.0000060J	ND
CHROMIUM	0.010	NE	0.010	0.00619	NA	0.00424	NA	0.00264 JB	0.00514JB	0.00254 JB	0.00330 JB	0.00552 JB	0.00336J	0.00193J	0.00384J	0.00191 J	ND
COBALT	NE	0.002	0.010	0.00510	BQL	0.00323	BQL	BQL	0.00315	BQL	0.00573 JB	0.00192 J	BQL	BQL	ND	ND	ND
COPPER	1.0	NE	0.010	0.00939	NA	0.00549	NA	BQL	0.00537J	0.00368 JB	0.00649 JB	0.00573 JB	0.00164J	0.00259JB	0.00525J	0.00206J	0.00331J
LEAD	0.015	NE	0.010	0.00197	NA	BQL	NA	0.00689 JB	0.00558JB	0.00505 J	0.00903 J	BQL	BQL	BQL	0.00702J	ND	0.00546J
NICKEL	0.10	NE	0.050	0.00649	NA	BQL	NA	BQL	0.00558J	BQL	BQL	BQL	BQL	0.00238J	0.00338J	0.00314 J	ND
SELENIUM	0.020	NE	0.010	0.0127	NA	BQL	NA	BQL	BQL	BQL	BQL	0.00368 J	BQL	BQL	ND	ND	ND
SILVER	0.020	NE	0.010	0.00573	NA	BQL	NA	BQL	0.00333JB	0.00134 JB	0.00534 JB	0.00309 JB	0.00262JB	BQL	0.00223J	0.00161 J	ND
THALLIUM	NE	2.0	0.0055	BQL	NA	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
VANADIUM	NE	0.025	0.025	0.00650	NA	0.00523	NA	BQL	BQL	0.00823 J	0.00776	0.00649	0.00917JB	0.00271JB	ND	0.00540	ND
ZINC	1.0	NE	0.010	0.0141	NA	0.0248	NA	BQL	0.00740JB	0.00403 J	BQL	0.0132 B	0.0226	BQL	0.00958J	0.00910 J	0.00890J

Shaded areas represent non compliant concentrations.
BQL = Below Quantitation Limits
ppm = parts per million
NE = Not Established
NA = Not Analyzed
J = Estimated Concentration, Below Calibration Range and Above Method Detection Limit
B = Compound Also Detected In Batch Blank

TABLE 3 (PAGE 10 OF 10)
HISTORICAL GROUNDWATER SAMPLE RESULTS SUMMARY

ALLEGHANY COUNTY LANDFILL
SPARTA, NORTH CAROLINA

ANALYTE	NCAC 02L STD.	GWP STD.	SWSQL	0303T-ST2												
		DATE SAMPLED		12/20/06	2/27/07	6/14/07	12/22/07	7/2/08	12/18/08	6/2/09	12/22/09	6/9/10	12/22/10	06/13/11	12/15/11	6/21/12
APPENDIX I METALS (CONCENTRATIONS IN mg/L																
ARSENIC	0.010	NE	0.010	BQL	BQL	BQL	BQL	0.00503JB	BQL	BQL	BQL	BQL	BQL	ND	ND	ND
BARIUM	0.7	NE	0.10	0.0378	NA	0.0222	0.0230 JB	0.0346JB	0.0176 J	0.0248 JB	0.0301 JB	0.0116J	0.00975JB	0.0387J	0.0101 J	0.0263J
BERYLLIUM	NE	0.002	0.001	BQL	NA	0.00627	BQL	0.00442B	0.00294 B	BQL	BQL	BQL	BQL	ND	ND	ND
CADMIUM	0.002	NE	0.001	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.00629	0.0000060J	ND
CHROMIUM	0.010	NE	0.010	0.00353	NA	0.00403	0.00304 JB	0.00692JB	0.00186 JB	0.00314 JB	0.00485 JB	BQL	0.00251J	0.00501J	0.00203 J	0.00204J
COBALT	NE	0.002	0.010	0.00353	BQL	BQL	BQL	0.00362J	BQL	0.00480 JB	0.00216 J	BQL	BQL	ND	ND	ND
COPPER	1.0	NE	0.010	0.00908	NA	0.00380	0.00242 JB	0.00598J	0.00311 JB	0.00742 JB	0.00580 JB	BQL	0.00149JB	0.00564J	0.00153 J	0.00430J
LEAD	0.015	NE	0.010	0.00172	NA	BQL	0.00567	0.00988JB	0.00697 J	0.0105	BQL	BQL	BQL	0.00876J	ND	0.00554J
NICKEL	0.10	NE	0.050	0.00592	NA	BQL	BQL	BQL	BQL	0.00491 J	BQL	BQL	0.00304J	ND	ND	ND
SELENIUM	0.020	NE	0.010	BQL	NA	BQL	BQL	BQL	BQL	BQL	0.00502 J	0.00348J	BQL	ND	ND	ND
SILVER	0.020	NE	0.010	0.00585	NA	BQL	BQL	0.00322JB	0.00114 JB	0.00561 JB	0.00279 JB	0.00290JB	0.000740J	0.00189J	0.00173 J	ND
THALLIUM	NE	2.0	0.0055	BQL	NA	BQL	BQL	BQL	0.00611	BQL	BQL	BQL	BQL	ND	ND	ND
VANADIUM	NE	0.025	0.025	0.00307	NA	BQL	BQL	BQL	0.0127 J	0.00834 JB	0.00606	0.00657JB	0.000660JB	ND	0.00680	0.00100J
ZINC	1.0	NE	0.010	0.0101	NA	0.0117	BQL	0.00632JB	BQL	0.00154 J	0.00458 JB	0.00469J	BQL	0.00609J	0.00231 J	0.00469J

Shaded areas represent non compliant concentrations.
BQL = Below Quantitation Limits
ppm = parts per million
NE = Not Established
NA = Not Analyzed
J = Estimated Concentration, Below Calibration Range and Above Method Detection Limit
B = Compound Also Detected In Batch Blank

FIGURES

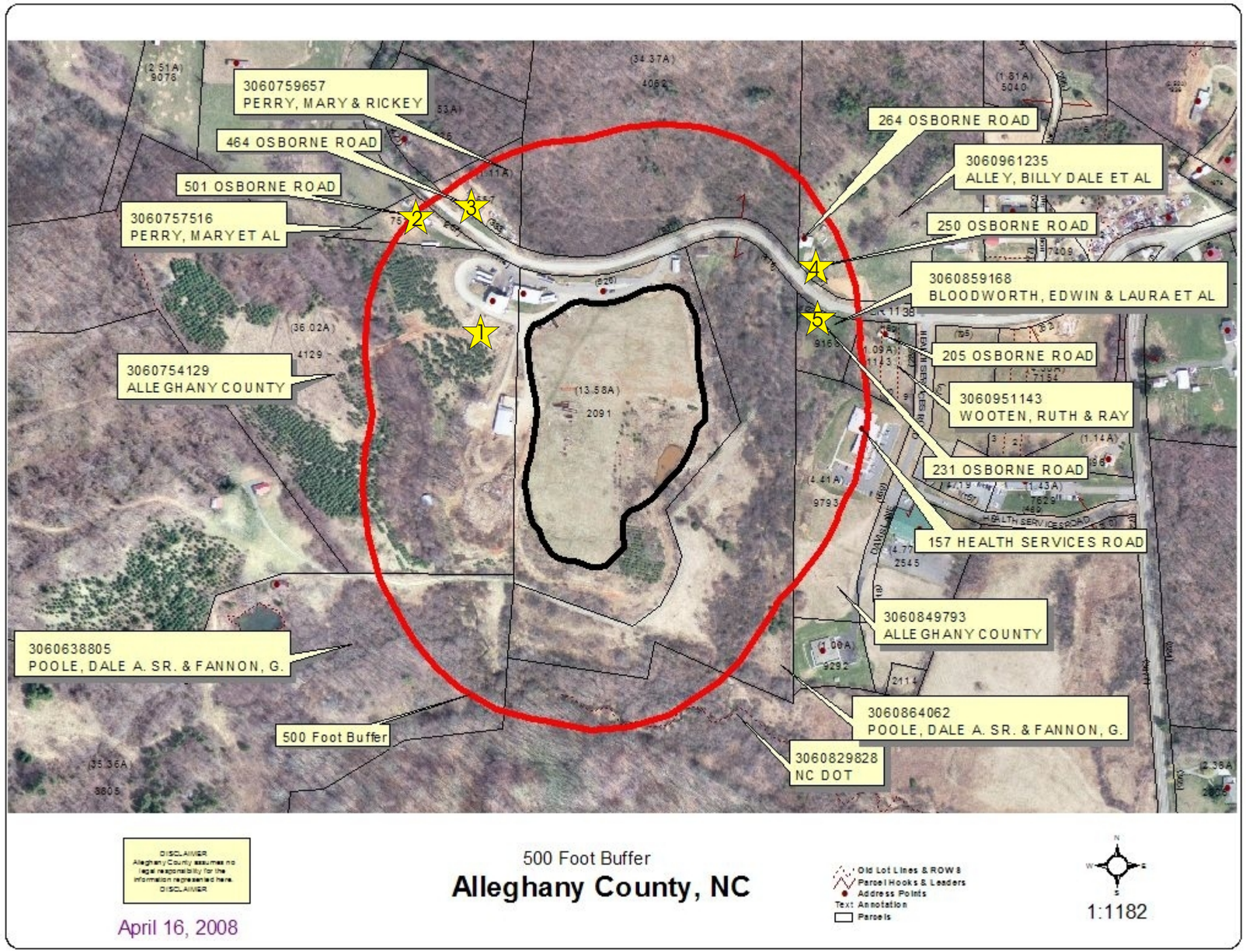
Adapted from The Alleghany County GIS On-Line Department

Legend
- Monitoring Well
- Methane Well
- Stream Sampling locations

N

Applied Resource Management PC
P.O. Box 882, Hampstead, NC 28443
(910) 270-2919 FAX 270-2988

TITLE:	SITE MAP WITH MONITORING WELL AND STREAM SAMPLE LOCATIONS			FIGURE:
JOB: 9625	SCALE: Approx: 1" = 120'	DATE: 7/16/08	DRAWN BY: KLC	1



Legend

★ Surrounding Domestic Wells

Adapted from Map provided by Alleghany County Manager's Office

Applied Resource Management PC
P.O. Box 882, Hampstead, NC 28443
(910) 270-2919 FAX 270-2988

TITLE:				FIGURE:
SITE MAP WITH DOMESTIC WELL LOCATIONS				2
JOB: 9625	SCALE: As Shown	DATE: 6/2/08	DRAWN BY: KLC	

Legend

(3,053.74) Monitoring Well
Groundwater Elevation In Feet AMSL, Adjusted From GPS

Contour Interval = 10'

Hydraulic Flow Direction

Adapted from The Alleghany County GIS On-Line Department

N

Applied Resource Management PC
P.O. Box 882, Hampstead, NC 28443
(910) 270-2919 FAX 270-2988

TITLE:	JOB:	SCALE:	DATE:	DRAWN BY:	FIGURE:
GROUNDWATER TABLE CONTOURS AS OF 6/21/12	9625	Approx: 1" = 120'	7/9/12	KLC/JLZ	3

APPENDICES

APPENDIX A

Laboratory Report of Analysis

To: Joe Zuncich
APPLIED RESOURCE MANAGEMENT
P.O. Box 882
Hampstead, NC 28443

Report Number: **31201992**

Client Project: **Alleghany County Landfill**

Dear Joe Zuncich,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Michael D. Page at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America Inc.

Michael D. Page Date
Project Manager
michael.page@sgs.com

Print Date: 06/28/2012 N.C. Certification # 481

ANALYTICAL PERSPECTIVES IS NOW PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

Laboratory Qualifiers

Report Definitions

DL	Method, Instrument, or Estimated Detection Limit per Analytical Method
CL	Control Limits for the recovery result of a parameter
LOQ	Reporting Limit
DF	Dilution Factor
RPD	Relative Percent Difference
LCS(D)	Laboratory Control Spike (Duplicate)
MS(D)	Matrix Spike (Duplicate)
MB	Method Blank

Qualifier Definitions

*	Recovery or RPD outside of control limits
B	Analyte was detected in the Lab Method Blank at a level above the LOQ
U	Undetected (Reported as ND or < DL)
V	Recovery is below quality control limit. The data has been validated based on a favorable signal-to-noise and detection limit
A	Amount detected is less than the Lower Method Calibration Limit
J	Estimated Concentration.
O	The recovery of this analyte in the OPR is above the Method QC Limits and the reported concentration in the sample may be biased high
E	Amount detected is greater than the Upper Calibration Limit
S	The amount of analyte present has saturated the detector. This situation results in an underestimation of the affected analyte(s)
Q	Indicates the presence of a quantitative interference. This situation may result in an underestimation of the affected analyte(s)
I	Indicates the presence of a qualitative interference that could cause a false positive or an overestimation of the affected analyte(s)
DPE	Indicates the presence of a peak in the polychlorinated diphenylether channel that could cause a false positive or an overestimation of the affected analyte(s)
TIC	Tentatively Identified Compound
EMPC	Estimated Maximum possible Concentration due to ion ratio failure
ND	Not Detected
K	Result is estimated due to ion ratio failure in High Resolution PCB Analysis
P	RPD > 40% between results of dual columns
D	Spike or surrogate was diluted out in order to achieve a parameter result within instrument calibration range

Samples requiring manual integrations for various congeners and/or standards are marked and dated by the analyst. A code definition is provided below:

M1	Mis-identified peak
M2	Software did not integrate peak
M3	Incorrect baseline construction (i.e. not all of peak included; two peaks integrated as one)
M4	Pattern integration required (i.e. DRO, GRO, PCB, Toxaphene and Technical Chlordane)
M5	Other - Explained in case narrative

Note Results pages that include a value for "Solids (%)" have been adjusted for moisture content.

SGS Analytical Perspectives | 5500 Business Dr. US - 28405 - Wilmington, NC t +1 910 350 1903 f +1 910 350 1557 www.sgs.com

Member of the SGS Group (SGS SA)

Sample Summary

Client Sample ID	Lab Sample ID	Collected	Received	Matrix
0303T-MW1	31201992001	06/21/2012 16:38	06/22/2012 13:45	Water
0303T-MW2	31201992002	06/21/2012 14:35	06/22/2012 13:45	Water
0303T-MW3	31201992003	06/21/2012 18:30	06/22/2012 13:45	Water
0303T-MW4	31201992004	06/21/2012 17:37	06/22/2012 13:45	Water
0303T-MW5	31201992005	06/21/2012 15:15	06/22/2012 13:45	Water
0303T-ST1	31201992006	06/21/2012 14:05	06/22/2012 13:45	Water
0303T-ST2	31201992007	06/21/2012 15:47	06/22/2012 13:45	Water
Trip Blanks (Not on COC)	31201992008	06/21/2012 00:00	06/22/2012 13:45	Water

SGS Analytical Perspectives | 5500 Business Dr. US - 28405 - Wilmington, NC t +1 910 350 1903 f +1 910 350 1557 www.sgs.com

Member of the SGS Group (SGS SA)

Case Narrative

MIP1604/1607 [MXX2128]

6010C - The Method Blank associated with prep batch MXX2128 has reported concentrations for Barium and Copper that are below the LOQ. These analytes have been 'J' flagged on the data.

SGS Analytical Perspectives | 5500 Business Dr. US - 28405 - Wilmington, NC t +1 910 350 1903 f +1 910 350 1557 www.sgs.com

Member of the SGS Group (SGS SA)

Results of **0303T-MW1**

Client Sample ID: **0303T-MW1**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992001-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 16:38
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Acetone	ND	U	0.864	100	ug/L	1	06/26/2012 15:03
Acetonitrile	ND	U	11.5	55.0	ug/L	1	06/26/2012 15:03
Acrylonitrile	ND	U	3.04	200	ug/L	1	06/26/2012 15:03
Benzene	ND	U	0.113	1.00	ug/L	1	06/26/2012 15:03
Bromochloromethane	ND	U	0.211	3.00	ug/L	1	06/26/2012 15:03
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	06/26/2012 15:03
Bromoform	ND	U	0.0974	3.00	ug/L	1	06/26/2012 15:03
Bromomethane	ND	U	0.237	10.0	ug/L	1	06/26/2012 15:03
2-Butanone	ND	U	0.723	100	ug/L	1	06/26/2012 15:03
Carbon disulfide	**0.630**	J	0.106	100	ug/L	1	06/27/2012 13:56
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	06/26/2012 15:03
Chlorobenzene	ND	U	0.116	3.00	ug/L	1	06/26/2012 15:03
Chloroethane	ND	U	0.311	10.0	ug/L	1	06/26/2012 15:03
Chloroform	ND	U	0.139	5.00	ug/L	1	06/26/2012 15:03
Chloromethane	ND	U	0.448	1.00	ug/L	1	06/26/2012 15:03
Dibromochloromethane	ND	U	0.134	3.00	ug/L	1	06/26/2012 15:03
1,2-Dibromo-3-chloropropane	ND	U	0.748	10.0	ug/L	1	06/26/2012 15:03
Dibromomethane	ND	U	0.168	10.0	ug/L	1	06/26/2012 15:03
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	06/26/2012 15:03
1,2-Dichlorobenzene	ND	U	0.137	5.00	ug/L	1	06/26/2012 15:03
1,3-Dichlorobenzene	ND	U	0.103	5.00	ug/L	1	06/26/2012 15:03
1,4-Dichlorobenzene	ND	U	0.130	5.00	ug/L	1	06/26/2012 15:03
trans-1,4-Dichloro-2-butene	ND	U	0.414	50.5	ug/L	1	06/26/2012 15:03
1,1-Dichloroethane	ND	U	0.165	5.00	ug/L	1	06/26/2012 15:03
1,1-Dichloroethene	ND	U	0.212	5.00	ug/L	1	06/26/2012 15:03
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	06/26/2012 15:03
cis-1,2-Dichloroethene	**0.440**	J	0.136	5.00	ug/L	1	06/26/2012 15:03
trans-1,2-Dichloroethene	ND	U	0.223	5.00	ug/L	1	06/26/2012 15:03
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	06/26/2012 15:03
1,1-Dichloropropene	ND	U	0.0863	5.00	ug/L	1	06/26/2012 15:03
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	06/26/2012 15:03
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	06/26/2012 15:03
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	06/26/2012 15:03
2-Hexanone	ND	U	0.728	50.0	ug/L	1	06/26/2012 15:03
Methyl iodide	ND	U	0.115	10.0	ug/L	1	06/26/2012 15:03
Methylene chloride	ND	U	0.152	1.00	ug/L	1	06/26/2012 15:03
4-Methyl-2-pentanone	ND	U	0.558	100	ug/L	1	06/26/2012 15:03
Styrene	ND	U	0.102	1.00	ug/L	1	06/26/2012 15:03
1,1,1,2-Tetrachloroethane	ND	U	0.104	5.00	ug/L	1	06/26/2012 15:03
1,1,2,2-Tetrachloroethane	ND	U	0.156	3.00	ug/L	1	06/26/2012 15:03
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	06/26/2012 15:03
Toluene	**0.160**	J	0.133	1.00	ug/L	1	06/26/2012 15:03
Trichloroethene	ND	U	0.125	1.00	ug/L	1	06/26/2012 15:03
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	06/26/2012 15:03

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW1**

Client Sample ID: **0303T-MW1**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992001-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 16:38
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	06/26/2012 15:03
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	06/26/2012 15:03
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	06/26/2012 15:03
Vinyl acetate	ND	U	0.882	50.0	ug/L	1	06/26/2012 15:03
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	06/26/2012 15:03
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	06/26/2012 15:03
o-Xylene	ND	U	0.0874	1.00	ug/L	1	06/26/2012 15:03
Surrogates							
1,2-Dichloroethane-d4	116			64.0-140	%	1	06/26/2012 15:03
Toluene d8	102			82.0-117	%	1	06/26/2012 15:03
4-Bromofluorobenzene	86.0			85.0-115	%	1	06/26/2012 15:03

Batch Information

Analytical Batch: **VMS2320**
Analytical Method: **SW-846 8260B**
Instrument: **MSD8**
Analyst: **DVO**
Analytical Date/Time: **06/26/2012 15:03**

Prep Batch: **VXX3530**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/26/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Analytical Batch: **VMS2327**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **06/27/2012 13:56**

Prep Batch: **VXX3542**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/27/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW1**

Client Sample ID: **0303T-MW1**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992001-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 16:38
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6010C**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Arsenic	ND	U	3.69	10.0	ug/L	1	06/25/2012 19:31
Barium	**51.9**	J	0.394	100	ug/L	1	06/26/2012 17:33
Chromium	**2.72**	J	1.47	10.0	ug/L	1	06/25/2012 19:31
Cobalt	ND	U	3.39	10.0	ug/L	1	06/25/2012 19:31
Copper	**6.92**	J	0.672	10.0	ug/L	1	06/25/2012 19:31
Lead	ND	U	5.41	10.0	ug/L	1	06/25/2012 19:31
Nickel	ND	U	3.06	10.0	ug/L	1	06/25/2012 19:31
Silver	ND	U	1.05	10.0	ug/L	1	06/25/2012 19:31
Zinc	**10.2**	J	2.26	20.0	ug/L	1	06/25/2012 19:31

Batch Information

Analytical Batch: **MIP1604**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/25/2012 19:31**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Analytical Batch: **MIP1607**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 17:33**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW1**

Client Sample ID: **0303T-MW1**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992001-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 16:38
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6020A**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Antimony	ND	U	1.33	5.00	ug/L	10	06/26/2012 12:04
Beryllium	ND	U	0.130	1.00	ug/L	2	06/26/2012 12:02
Cadmium	**0.520**	J	0.0310	1.00	ug/L	2	06/26/2012 12:02
Selenium	ND	U	1.43	5.00	ug/L	10	06/26/2012 12:04
Thallium	ND	U	0.641	5.00	ug/L	10	06/26/2012 12:04
Vanadium	**1.40**	J	0.903	5.00	ug/L	10	06/26/2012 12:04

Batch Information

Analytical Batch: **MMS1231**
Analytical Method: **SW-846 6020A**
Instrument: **ICPMS2**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 12:04**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW2**

Client Sample ID: **0303T-MW2**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992002-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 14:35
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Acetone	ND	U	0.864	100	ug/L	1	06/26/2012 15:28
Acetonitrile	ND	U	11.5	55.0	ug/L	1	06/26/2012 15:28
Acrylonitrile	ND	U	3.04	200	ug/L	1	06/26/2012 15:28
Benzene	**0.260**	J	0.113	1.00	ug/L	1	06/26/2012 15:28
Bromochloromethane	ND	U	0.211	3.00	ug/L	1	06/26/2012 15:28
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	06/26/2012 15:28
Bromoform	ND	U	0.0974	3.00	ug/L	1	06/26/2012 15:28
Bromomethane	ND	U	0.237	10.0	ug/L	1	06/26/2012 15:28
2-Butanone	ND	U	0.723	100	ug/L	1	06/26/2012 15:28
Carbon disulfide	ND	U	0.106	100	ug/L	1	06/26/2012 15:28
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	06/26/2012 15:28
Chlorobenzene	ND	U	0.116	3.00	ug/L	1	06/26/2012 15:28
Chloroethane	**1.01**	J	0.311	10.0	ug/L	1	06/26/2012 15:28
Chloroform	ND	U	0.139	5.00	ug/L	1	06/26/2012 15:28
Chloromethane	ND	U	0.448	1.00	ug/L	1	06/26/2012 15:28
Dibromochloromethane	ND	U	0.134	3.00	ug/L	1	06/26/2012 15:28
1,2-Dibromo-3-chloropropane	ND	U	0.748	10.0	ug/L	1	06/26/2012 15:28
Dibromomethane	ND	U	0.168	10.0	ug/L	1	06/26/2012 15:28
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	06/26/2012 15:28
1,2-Dichlorobenzene	ND	U	0.137	5.00	ug/L	1	06/26/2012 15:28
1,3-Dichlorobenzene	ND	U	0.103	5.00	ug/L	1	06/26/2012 15:28
1,4-Dichlorobenzene	ND	U	0.130	5.00	ug/L	1	06/26/2012 15:28
trans-1,4-Dichloro-2-butene	ND	U	0.414	50.5	ug/L	1	06/26/2012 15:28
1,1-Dichloroethane	**5.61**		0.165	5.00	ug/L	1	06/26/2012 15:28
1,1-Dichloroethene	**0.980**	J	0.212	5.00	ug/L	1	06/26/2012 15:28
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	06/26/2012 15:28
cis-1,2-Dichloroethene	**0.330**	J	0.136	5.00	ug/L	1	06/26/2012 15:28
trans-1,2-Dichloroethene	ND	U	0.223	5.00	ug/L	1	06/26/2012 15:28
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	06/26/2012 15:28
1,1-Dichloropropene	ND	U	0.0863	5.00	ug/L	1	06/26/2012 15:28
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	06/26/2012 15:28
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	06/26/2012 15:28
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	06/26/2012 15:28
2-Hexanone	ND	U	0.728	50.0	ug/L	1	06/26/2012 15:28
Methyl iodide	ND	U	0.115	10.0	ug/L	1	06/26/2012 15:28
Methylene chloride	**11.8**		0.152	1.00	ug/L	1	06/26/2012 15:28
4-Methyl-2-pentanone	ND	U	0.558	100	ug/L	1	06/26/2012 15:28
Styrene	ND	U	0.102	1.00	ug/L	1	06/26/2012 15:28
1,1,1,2-Tetrachloroethane	ND	U	0.104	5.00	ug/L	1	06/26/2012 15:28
1,1,2,2-Tetrachloroethane	ND	U	0.156	3.00	ug/L	1	06/26/2012 15:28
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	06/26/2012 15:28
Toluene	ND	U	0.133	1.00	ug/L	1	06/26/2012 15:28
Trichloroethene	**0.640**	J	0.125	1.00	ug/L	1	06/26/2012 15:28
1,1,1-Trichloroethane	**1.94**		0.123	1.00	ug/L	1	06/26/2012 15:28

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW2**

Client Sample ID: **0303T-MW2**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992002-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 14:35
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	06/26/2012 15:28
Trichlorofluoromethane	**5.04**		0.137	1.00	ug/L	1	06/26/2012 15:28
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	06/26/2012 15:28
Vinyl acetate	ND	U	0.882	50.0	ug/L	1	06/26/2012 15:28
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	06/26/2012 15:28
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	06/26/2012 15:28
o-Xylene	ND	U	0.0874	1.00	ug/L	1	06/26/2012 15:28
Surrogates							
1,2-Dichloroethane-d4	112			64.0-140	%	1	06/26/2012 15:28
Toluene d8	100			82.0-117	%	1	06/26/2012 15:28
4-Bromofluorobenzene	85.0			85.0-115	%	1	06/26/2012 15:28

Batch Information

Analytical Batch: **VMS2320**
Analytical Method: **SW-846 8260B**
Instrument: **MSD8**
Analyst: **DVO**
Analytical Date/Time: **06/26/2012 15:28**

Prep Batch: **VXX3530**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/26/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW2**

Client Sample ID: **0303T-MW2**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992002-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 14:35
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6010C**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Arsenic	ND	U	3.69	10.0	ug/L	1	06/25/2012 19:50
Barium	**27.8**	J	0.394	100	ug/L	1	06/26/2012 17:54
Chromium	ND	U	1.47	10.0	ug/L	1	06/25/2012 19:50
Cobalt	ND	U	3.39	10.0	ug/L	1	06/25/2012 19:50
Copper	**2.82**	J	0.672	10.0	ug/L	1	06/25/2012 19:50
Lead	ND	U	5.41	10.0	ug/L	1	06/25/2012 19:50
Nickel	ND	U	3.06	10.0	ug/L	1	06/25/2012 19:50
Silver	ND	U	1.05	10.0	ug/L	1	06/25/2012 19:50
Zinc	**2.72**	J	2.26	20.0	ug/L	1	06/25/2012 19:50

Batch Information

Analytical Batch: **MIP1604**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/25/2012 19:50**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Analytical Batch: **MIP1607**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 17:54**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW2**

Client Sample ID: **0303T-MW2**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992002-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 14:35
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6020A**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Antimony	ND	U	1.33	5.00	ug/L	10	06/26/2012 12:14
Beryllium	ND	U	0.130	1.00	ug/L	2	06/26/2012 12:11
Cadmium	**0.0400**	J	0.0310	1.00	ug/L	2	06/26/2012 12:11
Selenium	ND	U	1.43	5.00	ug/L	10	06/26/2012 12:14
Thallium	ND	U	0.641	5.00	ug/L	10	06/26/2012 12:14
Vanadium	ND	U	0.903	5.00	ug/L	10	06/26/2012 12:14

Batch Information

Analytical Batch: **MMS1231**
Analytical Method: **SW-846 6020A**
Instrument: **ICPMS2**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 12:14**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW3**

Client Sample ID: **0303T-MW3**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992003-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 18:30
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Acetone	ND	U	0.864	100	ug/L	1	06/26/2012 15:52
Acetonitrile	ND	U	11.5	55.0	ug/L	1	06/26/2012 15:52
Acrylonitrile	ND	U	3.04	200	ug/L	1	06/26/2012 15:52
Benzene	**0.690**	J	0.113	1.00	ug/L	1	06/26/2012 15:52
Bromochloromethane	ND	U	0.211	3.00	ug/L	1	06/26/2012 15:52
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	06/26/2012 15:52
Bromoform	ND	U	0.0974	3.00	ug/L	1	06/26/2012 15:52
Bromomethane	ND	U	0.237	10.0	ug/L	1	06/26/2012 15:52
2-Butanone	ND	U	0.723	100	ug/L	1	06/26/2012 15:52
Carbon disulfide	**6.06**	J	0.106	100	ug/L	1	06/27/2012 14:20
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	06/26/2012 15:52
Chlorobenzene	ND	U	0.116	3.00	ug/L	1	06/26/2012 15:52
Chloroethane	**1.52**	J	0.311	10.0	ug/L	1	06/26/2012 15:52
Chloroform	ND	U	0.139	5.00	ug/L	1	06/26/2012 15:52
Chloromethane	ND	U	0.448	1.00	ug/L	1	06/26/2012 15:52
Dibromochloromethane	ND	U	0.134	3.00	ug/L	1	06/26/2012 15:52
1,2-Dibromo-3-chloropropane	ND	U	0.748	10.0	ug/L	1	06/26/2012 15:52
Dibromomethane	ND	U	0.168	10.0	ug/L	1	06/26/2012 15:52
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	06/26/2012 15:52
1,2-Dichlorobenzene	ND	U	0.137	5.00	ug/L	1	06/26/2012 15:52
1,3-Dichlorobenzene	ND	U	0.103	5.00	ug/L	1	06/26/2012 15:52
1,4-Dichlorobenzene	ND	U	0.130	5.00	ug/L	1	06/26/2012 15:52
trans-1,4-Dichloro-2-butene	ND	U	0.414	50.5	ug/L	1	06/26/2012 15:52
1,1-Dichloroethane	**0.440**	J	0.165	5.00	ug/L	1	06/26/2012 15:52
1,1-Dichloroethene	ND	U	0.212	5.00	ug/L	1	06/26/2012 15:52
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	06/26/2012 15:52
cis-1,2-Dichloroethene	**6.14**		0.136	5.00	ug/L	1	06/26/2012 15:52
trans-1,2-Dichloroethene	ND	U	0.223	5.00	ug/L	1	06/26/2012 15:52
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	06/26/2012 15:52
1,1-Dichloropropene	ND	U	0.0863	5.00	ug/L	1	06/26/2012 15:52
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	06/26/2012 15:52
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	06/26/2012 15:52
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	06/26/2012 15:52
2-Hexanone	ND	U	0.728	50.0	ug/L	1	06/26/2012 15:52
Methyl iodide	ND	U	0.115	10.0	ug/L	1	06/26/2012 15:52
Methylene chloride	**0.380**	J	0.152	1.00	ug/L	1	06/26/2012 15:52
4-Methyl-2-pentanone	ND	U	0.558	100	ug/L	1	06/26/2012 15:52
Styrene	ND	U	0.102	1.00	ug/L	1	06/26/2012 15:52
1,1,1,2-Tetrachloroethane	ND	U	0.104	5.00	ug/L	1	06/26/2012 15:52
1,1,2,2-Tetrachloroethane	ND	U	0.156	3.00	ug/L	1	06/26/2012 15:52
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	06/26/2012 15:52
Toluene	ND	U	0.133	1.00	ug/L	1	06/26/2012 15:52
Trichloroethene	**0.550**	J	0.125	1.00	ug/L	1	06/26/2012 15:52
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	06/26/2012 15:52

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW3**

Client Sample ID: **0303T-MW3**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992003-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 18:30
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	06/26/2012 15:52
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	06/26/2012 15:52
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	06/26/2012 15:52
Vinyl acetate	ND	U	0.882	50.0	ug/L	1	06/26/2012 15:52
Vinyl chloride	**0.470**	J	0.124	1.00	ug/L	1	06/26/2012 15:52
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	06/26/2012 15:52
o-Xylene	ND	U	0.0874	1.00	ug/L	1	06/26/2012 15:52
Surrogates							
1,2-Dichloroethane-d4	99.0			64.0-140	%	1	06/26/2012 15:52
Toluene d8	100			82.0-117	%	1	06/26/2012 15:52
4-Bromofluorobenzene	103			85.0-115	%	1	06/26/2012 15:52

Batch Information

Analytical Batch: **VMS2320**
Analytical Method: **SW-846 8260B**
Instrument: **MSD8**
Analyst: **DVO**
Analytical Date/Time: **06/26/2012 15:52**

Prep Batch: **VXX3530**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/26/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Analytical Batch: **VMS2327**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **06/27/2012 14:20**

Prep Batch: **VXX3542**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/27/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW3**

Client Sample ID: **0303T-MW3**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992003-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 18:30
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6010C**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Arsenic	ND	U	3.69	10.0	ug/L	1	06/25/2012 20:09
Barium	**256**		0.394	100	ug/L	1	06/26/2012 17:58
Chromium	**1.58**	J	1.47	10.0	ug/L	1	06/25/2012 20:09
Cobalt	**4.84**	J	3.39	10.0	ug/L	1	06/25/2012 20:09
Copper	**2.78**	J	0.672	10.0	ug/L	1	06/25/2012 20:09
Lead	ND	U	5.41	10.0	ug/L	1	06/25/2012 20:09
Nickel	ND	U	3.06	10.0	ug/L	1	06/25/2012 20:09
Silver	ND	U	1.05	10.0	ug/L	1	06/25/2012 20:09
Zinc	**16.3**	J	2.26	20.0	ug/L	1	06/25/2012 20:09

Batch Information

Analytical Batch: **MIP1604**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/25/2012 20:09**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Analytical Batch: **MIP1607**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 17:58**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW3**

Client Sample ID: **0303T-MW3**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992003-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 18:30
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6020A**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Antimony	ND	U	1.33	5.00	ug/L	10	06/26/2012 12:24
Beryllium	**0.420**	J	0.130	1.00	ug/L	2	06/26/2012 12:21
Cadmium	ND	U	0.0310	1.00	ug/L	2	06/26/2012 12:21
Selenium	ND	U	1.43	5.00	ug/L	10	06/26/2012 12:24
Thallium	ND	U	0.641	5.00	ug/L	10	06/26/2012 12:24
Vanadium	ND	U	0.903	5.00	ug/L	10	06/26/2012 12:24

Batch Information

Analytical Batch: **MMS1231**
Analytical Method: **SW-846 6020A**
Instrument: **ICPMS2**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 12:24**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW4**

Client Sample ID: **0303T-MW4**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992004-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 17:37
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Acetone	ND	U	0.864	100	ug/L	1	06/26/2012 16:17
Acetonitrile	ND	U	11.5	55.0	ug/L	1	06/26/2012 16:17
Acrylonitrile	ND	U	3.04	200	ug/L	1	06/26/2012 16:17
Benzene	ND	U	0.113	1.00	ug/L	1	06/26/2012 16:17
Bromochloromethane	ND	U	0.211	3.00	ug/L	1	06/26/2012 16:17
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	06/26/2012 16:17
Bromoform	ND	U	0.0974	3.00	ug/L	1	06/26/2012 16:17
Bromomethane	ND	U	0.237	10.0	ug/L	1	06/26/2012 16:17
2-Butanone	ND	U	0.723	100	ug/L	1	06/26/2012 16:17
Carbon disulfide	**2.33**	J	0.106	100	ug/L	1	06/27/2012 14:45
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	06/26/2012 16:17
Chlorobenzene	ND	U	0.116	3.00	ug/L	1	06/26/2012 16:17
Chloroethane	ND	U	0.311	10.0	ug/L	1	06/26/2012 16:17
Chloroform	ND	U	0.139	5.00	ug/L	1	06/26/2012 16:17
Chloromethane	ND	U	0.448	1.00	ug/L	1	06/26/2012 16:17
Dibromochloromethane	ND	U	0.134	3.00	ug/L	1	06/26/2012 16:17
1,2-Dibromo-3-chloropropane	ND	U	0.748	10.0	ug/L	1	06/26/2012 16:17
Dibromomethane	ND	U	0.168	10.0	ug/L	1	06/26/2012 16:17
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	06/26/2012 16:17
1,2-Dichlorobenzene	ND	U	0.137	5.00	ug/L	1	06/26/2012 16:17
1,3-Dichlorobenzene	ND	U	0.103	5.00	ug/L	1	06/26/2012 16:17
1,4-Dichlorobenzene	ND	U	0.130	5.00	ug/L	1	06/26/2012 16:17
trans-1,4-Dichloro-2-butene	ND	U	0.414	50.5	ug/L	1	06/26/2012 16:17
1,1-Dichloroethane	ND	U	0.165	5.00	ug/L	1	06/26/2012 16:17
1,1-Dichloroethene	ND	U	0.212	5.00	ug/L	1	06/26/2012 16:17
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	06/26/2012 16:17
cis-1,2-Dichloroethene	ND	U	0.136	5.00	ug/L	1	06/26/2012 16:17
trans-1,2-Dichloroethene	ND	U	0.223	5.00	ug/L	1	06/26/2012 16:17
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	06/26/2012 16:17
1,1-Dichloropropene	ND	U	0.0863	5.00	ug/L	1	06/26/2012 16:17
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	06/26/2012 16:17
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	06/26/2012 16:17
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	06/26/2012 16:17
2-Hexanone	ND	U	0.728	50.0	ug/L	1	06/26/2012 16:17
Methyl iodide	ND	U	0.115	10.0	ug/L	1	06/26/2012 16:17
Methylene chloride	ND	U	0.152	1.00	ug/L	1	06/26/2012 16:17
4-Methyl-2-pentanone	ND	U	0.558	100	ug/L	1	06/26/2012 16:17
Styrene	ND	U	0.102	1.00	ug/L	1	06/26/2012 16:17
1,1,1,2-Tetrachloroethane	ND	U	0.104	5.00	ug/L	1	06/26/2012 16:17
1,1,2,2-Tetrachloroethane	ND	U	0.156	3.00	ug/L	1	06/26/2012 16:17
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	06/26/2012 16:17
Toluene	ND	U	0.133	1.00	ug/L	1	06/26/2012 16:17
Trichloroethene	ND	U	0.125	1.00	ug/L	1	06/26/2012 16:17
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	06/26/2012 16:17

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW4**

Client Sample ID: **0303T-MW4**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992004-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 17:37
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	06/26/2012 16:17
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	06/26/2012 16:17
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	06/26/2012 16:17
Vinyl acetate	ND	U	0.882	50.0	ug/L	1	06/26/2012 16:17
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	06/26/2012 16:17
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	06/26/2012 16:17
o-Xylene	ND	U	0.0874	1.00	ug/L	1	06/26/2012 16:17
Surrogates							
1,2-Dichloroethane-d4	93.0			64.0-140	%	1	06/26/2012 16:17
Toluene d8	99.0			82.0-117	%	1	06/26/2012 16:17
4-Bromofluorobenzene	105			85.0-115	%	1	06/26/2012 16:17

Batch Information

Analytical Batch: **VMS2320**
Analytical Method: **SW-846 8260B**
Instrument: **MSD8**
Analyst: **DVO**
Analytical Date/Time: **06/26/2012 16:17**

Prep Batch: **VXX3530**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/26/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Analytical Batch: **VMS2327**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **06/27/2012 14:45**

Prep Batch: **VXX3542**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/27/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW4**

Client Sample ID: **0303T-MW4**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992004-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 17:37
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6010C**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Arsenic	ND	U	3.69	10.0	ug/L	1	06/25/2012 20:15
Barium	**147**		0.394	100	ug/L	1	06/26/2012 18:03
Chromium	ND	U	1.47	10.0	ug/L	1	06/25/2012 20:15
Cobalt	ND	U	3.39	10.0	ug/L	1	06/25/2012 20:15
Copper	**3.45**	J	0.672	10.0	ug/L	1	06/25/2012 20:15
Lead	ND	U	5.41	10.0	ug/L	1	06/25/2012 20:15
Nickel	ND	U	3.06	10.0	ug/L	1	06/25/2012 20:15
Silver	ND	U	1.05	10.0	ug/L	1	06/25/2012 20:15
Zinc	**3.31**	J	2.26	20.0	ug/L	1	06/25/2012 20:15

Batch Information

Analytical Batch: **MIP1604**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/25/2012 20:15**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Analytical Batch: **MIP1607**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 18:03**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW4**

Client Sample ID: **0303T-MW4**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992004-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 17:37
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6020A**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Antimony	ND	U	1.33	5.00	ug/L	10	06/26/2012 12:29
Beryllium	ND	U	0.130	1.00	ug/L	2	06/26/2012 12:26
Cadmium	**0.340**	J	0.0310	1.00	ug/L	2	06/26/2012 12:26
Selenium	ND	U	1.43	5.00	ug/L	10	06/26/2012 12:29
Thallium	ND	U	0.641	5.00	ug/L	10	06/26/2012 12:29
Vanadium	ND	U	0.903	5.00	ug/L	10	06/26/2012 12:29

Batch Information

Analytical Batch: **MMS1231**
Analytical Method: **SW-846 6020A**
Instrument: **ICPMS2**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 12:29**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW5**

Client Sample ID: **0303T-MW5**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992005-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 15:15
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Acetone	ND	U	0.864	100	ug/L	1	06/26/2012 16:42
Acetonitrile	ND	U	11.5	55.0	ug/L	1	06/26/2012 16:42
Acrylonitrile	ND	U	3.04	200	ug/L	1	06/26/2012 16:42
Benzene	ND	U	0.113	1.00	ug/L	1	06/26/2012 16:42
Bromochloromethane	ND	U	0.211	3.00	ug/L	1	06/26/2012 16:42
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	06/26/2012 16:42
Bromoform	ND	U	0.0974	3.00	ug/L	1	06/26/2012 16:42
Bromomethane	ND	U	0.237	10.0	ug/L	1	06/26/2012 16:42
2-Butanone	ND	U	0.723	100	ug/L	1	06/26/2012 16:42
Carbon disulfide	**0.860**	J	0.106	100	ug/L	1	06/27/2012 15:09
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	06/26/2012 16:42
Chlorobenzene	ND	U	0.116	3.00	ug/L	1	06/26/2012 16:42
Chloroethane	ND	U	0.311	10.0	ug/L	1	06/26/2012 16:42
Chloroform	ND	U	0.139	5.00	ug/L	1	06/26/2012 16:42
Chloromethane	ND	U	0.448	1.00	ug/L	1	06/26/2012 16:42
Dibromochloromethane	ND	U	0.134	3.00	ug/L	1	06/26/2012 16:42
1,2-Dibromo-3-chloropropane	ND	U	0.748	10.0	ug/L	1	06/26/2012 16:42
Dibromomethane	ND	U	0.168	10.0	ug/L	1	06/26/2012 16:42
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	06/26/2012 16:42
1,2-Dichlorobenzene	ND	U	0.137	5.00	ug/L	1	06/26/2012 16:42
1,3-Dichlorobenzene	ND	U	0.103	5.00	ug/L	1	06/26/2012 16:42
1,4-Dichlorobenzene	ND	U	0.130	5.00	ug/L	1	06/26/2012 16:42
trans-1,4-Dichloro-2-butene	ND	U	0.414	50.5	ug/L	1	06/26/2012 16:42
1,1-Dichloroethane	ND	U	0.165	5.00	ug/L	1	06/26/2012 16:42
1,1-Dichloroethene	ND	U	0.212	5.00	ug/L	1	06/26/2012 16:42
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	06/26/2012 16:42
cis-1,2-Dichloroethene	ND	U	0.136	5.00	ug/L	1	06/26/2012 16:42
trans-1,2-Dichloroethene	ND	U	0.223	5.00	ug/L	1	06/26/2012 16:42
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	06/26/2012 16:42
1,1-Dichloropropene	ND	U	0.0863	5.00	ug/L	1	06/26/2012 16:42
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	06/26/2012 16:42
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	06/26/2012 16:42
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	06/26/2012 16:42
2-Hexanone	ND	U	0.728	50.0	ug/L	1	06/26/2012 16:42
Methyl iodide	ND	U	0.115	10.0	ug/L	1	06/26/2012 16:42
Methylene chloride	ND	U	0.152	1.00	ug/L	1	06/26/2012 16:42
4-Methyl-2-pentanone	ND	U	0.558	100	ug/L	1	06/26/2012 16:42
Styrene	ND	U	0.102	1.00	ug/L	1	06/26/2012 16:42
1,1,1,2-Tetrachloroethane	ND	U	0.104	5.00	ug/L	1	06/26/2012 16:42
1,1,2,2-Tetrachloroethane	ND	U	0.156	3.00	ug/L	1	06/26/2012 16:42
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	06/26/2012 16:42
Toluene	ND	U	0.133	1.00	ug/L	1	06/26/2012 16:42
Trichloroethene	ND	U	0.125	1.00	ug/L	1	06/26/2012 16:42
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	06/26/2012 16:42

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW5**

Client Sample ID: **0303T-MW5**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992005-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 15:15
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	06/26/2012 16:42
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	06/26/2012 16:42
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	06/26/2012 16:42
Vinyl acetate	ND	U	0.882	50.0	ug/L	1	06/26/2012 16:42
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	06/26/2012 16:42
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	06/26/2012 16:42
o-Xylene	ND	U	0.0874	1.00	ug/L	1	06/26/2012 16:42
Surrogates							
1,2-Dichloroethane-d4	90.0			64.0-140	%	1	06/26/2012 16:42
Toluene d8	99.0			82.0-117	%	1	06/26/2012 16:42
4-Bromofluorobenzene	101			85.0-115	%	1	06/26/2012 16:42

Batch Information

Analytical Batch: **VMS2320**
Analytical Method: **SW-846 8260B**
Instrument: **MSD8**
Analyst: **DVO**
Analytical Date/Time: **06/26/2012 16:42**

Prep Batch: **VXX3530**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/26/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Analytical Batch: **VMS2327**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **06/27/2012 15:09**

Prep Batch: **VXX3542**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/27/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW5**

Client Sample ID: **0303T-MW5**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992005-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 15:15
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6010C**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Arsenic	ND	U	3.69	10.0	ug/L	1	06/25/2012 20:21
Barium	**26.0**	J	0.394	100	ug/L	1	06/26/2012 18:07
Chromium	ND	U	1.47	10.0	ug/L	1	06/25/2012 20:21
Cobalt	ND	U	3.39	10.0	ug/L	1	06/25/2012 20:21
Copper	**2.95**	J	0.672	10.0	ug/L	1	06/25/2012 20:21
Lead	ND	U	5.41	10.0	ug/L	1	06/25/2012 20:21
Nickel	ND	U	3.06	10.0	ug/L	1	06/25/2012 20:21
Silver	ND	U	1.05	10.0	ug/L	1	06/25/2012 20:21
Zinc	**4.40**	J	2.26	20.0	ug/L	1	06/25/2012 20:21

Batch Information

Analytical Batch: **MIP1604**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/25/2012 20:21**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Analytical Batch: **MIP1607**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 18:07**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-MW5**

Client Sample ID: **0303T-MW5**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992005-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 15:15
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6020A**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Antimony	ND	U	1.33	5.00	ug/L	10	06/26/2012 12:34
Beryllium	ND	U	0.130	1.00	ug/L	2	06/26/2012 12:31
Cadmium	ND	U	0.0310	1.00	ug/L	2	06/26/2012 12:31
Selenium	ND	U	1.43	5.00	ug/L	10	06/26/2012 12:34
Thallium	ND	U	0.641	5.00	ug/L	10	06/26/2012 12:34
Vanadium	ND	U	0.903	5.00	ug/L	10	06/26/2012 12:34

Batch Information

Analytical Batch: **MMS1231**
Analytical Method: **SW-846 6020A**
Instrument: **ICPMS2**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 12:34**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-ST1**

Client Sample ID: **0303T-ST1**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992006-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 14:05
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Acetone	ND	U	0.864	100	ug/L	1	06/26/2012 17:07
Acetonitrile	ND	U	11.5	55.0	ug/L	1	06/26/2012 17:07
Acrylonitrile	ND	U	3.04	200	ug/L	1	06/26/2012 17:07
Benzene	ND	U	0.113	1.00	ug/L	1	06/26/2012 17:07
Bromochloromethane	ND	U	0.211	3.00	ug/L	1	06/26/2012 17:07
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	06/26/2012 17:07
Bromoform	ND	U	0.0974	3.00	ug/L	1	06/26/2012 17:07
Bromomethane	ND	U	0.237	10.0	ug/L	1	06/26/2012 17:07
2-Butanone	ND	U	0.723	100	ug/L	1	06/26/2012 17:07
Carbon disulfide	ND	U	0.106	100	ug/L	1	06/26/2012 17:07
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	06/26/2012 17:07
Chlorobenzene	ND	U	0.116	3.00	ug/L	1	06/26/2012 17:07
Chloroethane	ND	U	0.311	10.0	ug/L	1	06/26/2012 17:07
Chloroform	ND	U	0.139	5.00	ug/L	1	06/26/2012 17:07
Chloromethane	ND	U	0.448	1.00	ug/L	1	06/26/2012 17:07
Dibromochloromethane	ND	U	0.134	3.00	ug/L	1	06/26/2012 17:07
1,2-Dibromo-3-chloropropane	ND	U	0.748	10.0	ug/L	1	06/26/2012 17:07
Dibromomethane	ND	U	0.168	10.0	ug/L	1	06/26/2012 17:07
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	06/26/2012 17:07
1,2-Dichlorobenzene	ND	U	0.137	5.00	ug/L	1	06/26/2012 17:07
1,3-Dichlorobenzene	ND	U	0.103	5.00	ug/L	1	06/26/2012 17:07
1,4-Dichlorobenzene	ND	U	0.130	5.00	ug/L	1	06/26/2012 17:07
trans-1,4-Dichloro-2-butene	ND	U	0.414	50.5	ug/L	1	06/26/2012 17:07
1,1-Dichloroethane	ND	U	0.165	5.00	ug/L	1	06/26/2012 17:07
1,1-Dichloroethene	ND	U	0.212	5.00	ug/L	1	06/26/2012 17:07
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	06/26/2012 17:07
cis-1,2-Dichloroethene	ND	U	0.136	5.00	ug/L	1	06/26/2012 17:07
trans-1,2-Dichloroethene	ND	U	0.223	5.00	ug/L	1	06/26/2012 17:07
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	06/26/2012 17:07
1,1-Dichloropropene	ND	U	0.0863	5.00	ug/L	1	06/26/2012 17:07
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	06/26/2012 17:07
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	06/26/2012 17:07
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	06/26/2012 17:07
2-Hexanone	ND	U	0.728	50.0	ug/L	1	06/26/2012 17:07
Methyl iodide	ND	U	0.115	10.0	ug/L	1	06/26/2012 17:07
Methylene chloride	ND	U	0.152	1.00	ug/L	1	06/26/2012 17:07
4-Methyl-2-pentanone	ND	U	0.558	100	ug/L	1	06/26/2012 17:07
Styrene	ND	U	0.102	1.00	ug/L	1	06/26/2012 17:07
1,1,1,2-Tetrachloroethane	ND	U	0.104	5.00	ug/L	1	06/26/2012 17:07
1,1,2,2-Tetrachloroethane	ND	U	0.156	3.00	ug/L	1	06/26/2012 17:07
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	06/26/2012 17:07
Toluene	ND	U	0.133	1.00	ug/L	1	06/26/2012 17:07
Trichloroethene	ND	U	0.125	1.00	ug/L	1	06/26/2012 17:07
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	06/26/2012 17:07

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-ST1**

Client Sample ID: **0303T-ST1**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992006-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 14:05
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	06/26/2012 17:07
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	06/26/2012 17:07
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	06/26/2012 17:07
Vinyl acetate	ND	U	0.882	50.0	ug/L	1	06/26/2012 17:07
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	06/26/2012 17:07
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	06/26/2012 17:07
o-Xylene	ND	U	0.0874	1.00	ug/L	1	06/26/2012 17:07
Surrogates							
1,2-Dichloroethane-d4	102			64.0-140	%	1	06/26/2012 17:07
Toluene d8	101			82.0-117	%	1	06/26/2012 17:07
4-Bromofluorobenzene	102			85.0-115	%	1	06/26/2012 17:07

Batch Information

Analytical Batch: **VMS2320**
Analytical Method: **SW-846 8260B**
Instrument: **MSD8**
Analyst: **DVO**
Analytical Date/Time: **06/26/2012 17:07**

Prep Batch: **VXX3530**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/26/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-ST1**

Client Sample ID: **0303T-ST1**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992006-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 14:05
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6010C**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Arsenic	ND	U	3.69	10.0	ug/L	1	06/25/2012 20:27
Barium	**37.2**	J	0.394	100	ug/L	1	06/26/2012 18:11
Chromium	ND	U	1.47	10.0	ug/L	1	06/25/2012 20:27
Cobalt	ND	U	3.39	10.0	ug/L	1	06/25/2012 20:27
Copper	**3.31**	J	0.672	10.0	ug/L	1	06/25/2012 20:27
Lead	**5.46**	J	5.41	10.0	ug/L	1	06/25/2012 20:27
Nickel	ND	U	3.06	10.0	ug/L	1	06/25/2012 20:27
Silver	ND	U	1.05	10.0	ug/L	1	06/25/2012 20:27
Zinc	**8.90**	J	2.26	20.0	ug/L	1	06/25/2012 20:27

Batch Information

Analytical Batch: **MIP1604**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/25/2012 20:27**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Analytical Batch: **MIP1607**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 18:11**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-ST1**

Client Sample ID: **0303T-ST1**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992006-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 14:05
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6020A**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Antimony	ND	U	1.33	5.00	ug/L	10	06/26/2012 12:39
Beryllium	ND	U	0.130	1.00	ug/L	2	06/26/2012 12:36
Cadmium	ND	U	0.0310	1.00	ug/L	2	06/26/2012 12:36
Selenium	ND	U	1.43	5.00	ug/L	10	06/26/2012 12:39
Thallium	ND	U	0.641	5.00	ug/L	10	06/26/2012 12:39
Vanadium	ND	U	0.903	5.00	ug/L	10	06/26/2012 12:39

Batch Information

Analytical Batch: **MMS1231**
Analytical Method: **SW-846 6020A**
Instrument: **ICPMS2**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 12:39**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-ST2**

Client Sample ID: **0303T-ST2**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992007-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 15:47
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Acetone	ND	U	0.864	100	ug/L	1	06/26/2012 17:32
Acetonitrile	ND	U	11.5	55.0	ug/L	1	06/26/2012 17:32
Acrylonitrile	ND	U	3.04	200	ug/L	1	06/26/2012 17:32
Benzene	ND	U	0.113	1.00	ug/L	1	06/26/2012 17:32
Bromochloromethane	ND	U	0.211	3.00	ug/L	1	06/26/2012 17:32
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	06/26/2012 17:32
Bromoform	ND	U	0.0974	3.00	ug/L	1	06/26/2012 17:32
Bromomethane	ND	U	0.237	10.0	ug/L	1	06/26/2012 17:32
2-Butanone	ND	U	0.723	100	ug/L	1	06/26/2012 17:32
Carbon disulfide	**5.00**	J	0.106	100	ug/L	1	06/27/2012 15:33
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	06/26/2012 17:32
Chlorobenzene	ND	U	0.116	3.00	ug/L	1	06/26/2012 17:32
Chloroethane	ND	U	0.311	10.0	ug/L	1	06/26/2012 17:32
Chloroform	ND	U	0.139	5.00	ug/L	1	06/26/2012 17:32
Chloromethane	ND	U	0.448	1.00	ug/L	1	06/26/2012 17:32
Dibromochloromethane	ND	U	0.134	3.00	ug/L	1	06/26/2012 17:32
1,2-Dibromo-3-chloropropane	ND	U	0.748	10.0	ug/L	1	06/26/2012 17:32
Dibromomethane	ND	U	0.168	10.0	ug/L	1	06/26/2012 17:32
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	06/26/2012 17:32
1,2-Dichlorobenzene	ND	U	0.137	5.00	ug/L	1	06/26/2012 17:32
1,3-Dichlorobenzene	ND	U	0.103	5.00	ug/L	1	06/26/2012 17:32
1,4-Dichlorobenzene	ND	U	0.130	5.00	ug/L	1	06/26/2012 17:32
trans-1,4-Dichloro-2-butene	ND	U	0.414	50.5	ug/L	1	06/26/2012 17:32
1,1-Dichloroethane	ND	U	0.165	5.00	ug/L	1	06/26/2012 17:32
1,1-Dichloroethene	ND	U	0.212	5.00	ug/L	1	06/26/2012 17:32
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	06/26/2012 17:32
cis-1,2-Dichloroethene	ND	U	0.136	5.00	ug/L	1	06/26/2012 17:32
trans-1,2-Dichloroethene	ND	U	0.223	5.00	ug/L	1	06/26/2012 17:32
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	06/26/2012 17:32
1,1-Dichloropropene	ND	U	0.0863	5.00	ug/L	1	06/26/2012 17:32
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	06/26/2012 17:32
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	06/26/2012 17:32
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	06/26/2012 17:32
2-Hexanone	ND	U	0.728	50.0	ug/L	1	06/26/2012 17:32
Methyl iodide	ND	U	0.115	10.0	ug/L	1	06/26/2012 17:32
Methylene chloride	ND	U	0.152	1.00	ug/L	1	06/26/2012 17:32
4-Methyl-2-pentanone	ND	U	0.558	100	ug/L	1	06/26/2012 17:32
Styrene	ND	U	0.102	1.00	ug/L	1	06/26/2012 17:32
1,1,1,2-Tetrachloroethane	ND	U	0.104	5.00	ug/L	1	06/26/2012 17:32
1,1,2,2-Tetrachloroethane	ND	U	0.156	3.00	ug/L	1	06/26/2012 17:32
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	06/26/2012 17:32
Toluene	ND	U	0.133	1.00	ug/L	1	06/26/2012 17:32
Trichloroethene	ND	U	0.125	1.00	ug/L	1	06/26/2012 17:32
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	06/26/2012 17:32

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-ST2**

Client Sample ID: **0303T-ST2**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992007-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 15:47
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	06/26/2012 17:32
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	06/26/2012 17:32
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	06/26/2012 17:32
Vinyl acetate	ND	U	0.882	50.0	ug/L	1	06/26/2012 17:32
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	06/26/2012 17:32
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	06/26/2012 17:32
o-Xylene	ND	U	0.0874	1.00	ug/L	1	06/26/2012 17:32
Surrogates							
1,2-Dichloroethane-d4	101			64.0-140	%	1	06/26/2012 17:32
Toluene d8	100			82.0-117	%	1	06/26/2012 17:32
4-Bromofluorobenzene	88.0			85.0-115	%	1	06/26/2012 17:32

Batch Information

Analytical Batch: **VMS2320**
Analytical Method: **SW-846 8260B**
Instrument: **MSD8**
Analyst: **DVO**
Analytical Date/Time: **06/26/2012 17:32**

Prep Batch: **VXX3530**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/26/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Analytical Batch: **VMS2327**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **06/27/2012 15:33**

Prep Batch: **VXX3542**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/27/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-ST2**

Client Sample ID: **0303T-ST2**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992007-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 15:47
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6010C**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Arsenic	ND	U	3.69	10.0	ug/L	1	06/25/2012 20:34
Barium	**26.3**	J	0.394	100	ug/L	1	06/26/2012 18:15
Chromium	**2.04**	J	1.47	10.0	ug/L	1	06/25/2012 20:34
Cobalt	ND	U	3.39	10.0	ug/L	1	06/25/2012 20:34
Copper	**4.30**	J	0.672	10.0	ug/L	1	06/25/2012 20:34
Lead	**5.54**	J	5.41	10.0	ug/L	1	06/25/2012 20:34
Nickel	ND	U	3.06	10.0	ug/L	1	06/25/2012 20:34
Silver	ND	U	1.05	10.0	ug/L	1	06/25/2012 20:34
Zinc	**4.69**	J	2.26	20.0	ug/L	1	06/25/2012 20:34

Batch Information

Analytical Batch: **MIP1604**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/25/2012 20:34**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Analytical Batch: **MIP1607**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 18:15**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **0303T-ST2**

Client Sample ID: **0303T-ST2**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992007-D
Lab Project ID: 31201992

Collection Date: 06/21/2012 15:47
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 6020A**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Antimony	ND	U	1.33	5.00	ug/L	10	06/26/2012 12:43
Beryllium	ND	U	0.130	1.00	ug/L	2	06/26/2012 12:41
Cadmium	ND	U	0.0310	1.00	ug/L	2	06/26/2012 12:41
Selenium	ND	U	1.43	5.00	ug/L	10	06/26/2012 12:43
Thallium	ND	U	0.641	5.00	ug/L	10	06/26/2012 12:43
Vanadium	**1.00**	J	0.903	5.00	ug/L	10	06/26/2012 12:43

Batch Information

Analytical Batch: **MMS1231**
Analytical Method: **SW-846 6020A**
Instrument: **ICPMS2**
Analyst: **PSW**
Analytical Date/Time: **06/26/2012 12:43**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Prep Initial Wt./Vol.: **50 mL**
Prep Extract Vol: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Results of **Trip Blanks (Not on COC)**

Client Sample ID: **Trip Blanks (Not on COC)**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992008-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 00:00
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Acetone	ND	U	0.864	100	ug/L	1	06/26/2012 14:38
Acetonitrile	ND	U	11.5	55.0	ug/L	1	06/26/2012 14:38
Acrylonitrile	ND	U	3.04	200	ug/L	1	06/26/2012 14:38
Benzene	ND	U	0.113	1.00	ug/L	1	06/26/2012 14:38
Bromochloromethane	ND	U	0.211	3.00	ug/L	1	06/26/2012 14:38
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	06/26/2012 14:38
Bromoform	ND	U	0.0974	3.00	ug/L	1	06/26/2012 14:38
Bromomethane	ND	U	0.237	10.0	ug/L	1	06/26/2012 14:38
2-Butanone	ND	U	0.723	100	ug/L	1	06/26/2012 14:38
Carbon disulfide	ND	U	0.106	100	ug/L	1	06/26/2012 14:38
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	06/26/2012 14:38
Chlorobenzene	ND	U	0.116	3.00	ug/L	1	06/26/2012 14:38
Chloroethane	ND	U	0.311	10.0	ug/L	1	06/26/2012 14:38
Chloroform	ND	U	0.139	5.00	ug/L	1	06/26/2012 14:38
Chloromethane	ND	U	0.448	1.00	ug/L	1	06/26/2012 14:38
Dibromochloromethane	ND	U	0.134	3.00	ug/L	1	06/26/2012 14:38
1,2-Dibromo-3-chloropropane	ND	U	0.748	10.0	ug/L	1	06/26/2012 14:38
Dibromomethane	ND	U	0.168	10.0	ug/L	1	06/26/2012 14:38
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	06/26/2012 14:38
1,2-Dichlorobenzene	ND	U	0.137	5.00	ug/L	1	06/26/2012 14:38
1,3-Dichlorobenzene	ND	U	0.103	5.00	ug/L	1	06/26/2012 14:38
1,4-Dichlorobenzene	ND	U	0.130	5.00	ug/L	1	06/26/2012 14:38
trans-1,4-Dichloro-2-butene	ND	U	0.414	50.5	ug/L	1	06/26/2012 14:38
1,1-Dichloroethane	ND	U	0.165	5.00	ug/L	1	06/26/2012 14:38
1,1-Dichloroethene	ND	U	0.212	5.00	ug/L	1	06/26/2012 14:38
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	06/26/2012 14:38
cis-1,2-Dichloroethene	ND	U	0.136	5.00	ug/L	1	06/26/2012 14:38
trans-1,2-Dichloroethene	ND	U	0.223	5.00	ug/L	1	06/26/2012 14:38
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	06/26/2012 14:38
1,1-Dichloropropene	ND	U	0.0863	5.00	ug/L	1	06/26/2012 14:38
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	06/26/2012 14:38
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	06/26/2012 14:38
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	06/26/2012 14:38
2-Hexanone	ND	U	0.728	50.0	ug/L	1	06/26/2012 14:38
Methyl iodide	ND	U	0.115	10.0	ug/L	1	06/26/2012 14:38
Methylene chloride	ND	U	0.152	1.00	ug/L	1	06/26/2012 14:38
4-Methyl-2-pentanone	ND	U	0.558	100	ug/L	1	06/26/2012 14:38
Styrene	ND	U	0.102	1.00	ug/L	1	06/26/2012 14:38
1,1,1,2-Tetrachloroethane	ND	U	0.104	5.00	ug/L	1	06/26/2012 14:38
1,1,2,2-Tetrachloroethane	ND	U	0.156	3.00	ug/L	1	06/26/2012 14:38
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	06/26/2012 14:38
Toluene	ND	U	0.133	1.00	ug/L	1	06/26/2012 14:38
Trichloroethene	ND	U	0.125	1.00	ug/L	1	06/26/2012 14:38
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	06/26/2012 14:38

Print Date: 06/28/2012

N.C. Certification # 481

Results of **Trip Blanks (Not on COC)**

Client Sample ID: **Trip Blanks (Not on COC)**
Client Project ID: **Alleghany County Landfill**
Lab Sample ID: 31201992008-A
Lab Project ID: 31201992

Collection Date: 06/21/2012 00:00
Received Date: 06/22/2012 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	06/26/2012 14:38
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	06/26/2012 14:38
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	06/26/2012 14:38
Vinyl acetate	ND	U	0.882	50.0	ug/L	1	06/26/2012 14:38
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	06/26/2012 14:38
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	06/26/2012 14:38
o-Xylene	ND	U	0.0874	1.00	ug/L	1	06/26/2012 14:38
Surrogates							
1,2-Dichloroethane-d4	109			64.0-140	%	1	06/26/2012 14:38
Toluene d8	105			82.0-117	%	1	06/26/2012 14:38
4-Bromofluorobenzene	90.0			85.0-115	%	1	06/26/2012 14:38

Batch Information

Analytical Batch: **VMS2320**
Analytical Method: **SW-846 8260B**
Instrument: **MSD8**
Analyst: **DVO**
Analytical Date/Time: **06/26/2012 14:38**

Prep Batch: **VXX3530**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/26/2012 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Batch Summary

Analytical Method: SW-846 8260B

Prep Method: SW-846 5030B
Prep Batch: VXX3530
Prep Date: 06/26/2012 08:19

Client Sample ID	Lab Sample ID	Analysis Date	Analytical Batch	Instrument	Analyst
LCS for HBN 25011 [VXX/3530]	78165	06/26/2012 09:18	VMS2320	MSD8	DVO
LCSD for HBN 25011 [VXX/3530]	78166	06/26/2012 09:42	VMS2320	MSD8	DVO
MB for HBN 25011 [VXX/3530]	78167	06/26/2012 10:56	VMS2320	MSD8	DVO
Trip Blanks (Not on COC)	31201992008	06/26/2012 14:38	VMS2320	MSD8	DVO
0303T-MW1	31201992001	06/26/2012 15:03	VMS2320	MSD8	DVO
0303T-MW2	31201992002	06/26/2012 15:28	VMS2320	MSD8	DVO
0303T-MW3	31201992003	06/26/2012 15:52	VMS2320	MSD8	DVO
0303T-MW4	31201992004	06/26/2012 16:17	VMS2320	MSD8	DVO
0303T-MW5	31201992005	06/26/2012 16:42	VMS2320	MSD8	DVO
0303T-ST1	31201992006	06/26/2012 17:07	VMS2320	MSD8	DVO
0303T-ST2	31201992007	06/26/2012 17:32	VMS2320	MSD8	DVO
MW-9 MS	31201919002	06/26/2012 19:36	VMS2320	MSD8	DVO
MW-9 MSD	31201919003	06/26/2012 20:00	VMS2320	MSD8	DVO

SGS North America Inc.
5500 Business Drive, Wilmington, NC 28405
t 910.350.1903 f 910.350.1557 www.us.sgs.com
Member of SGS Group

Method Blank

Blank ID: MB for HBN 25011 [VXX/3530] Matrix: Water
Blank Lab ID: 78167
QC for Samples:
31201992001, 31201992002, 31201992003, 31201992004, 31201992005, 31201992006, 31201992007, 31201992008

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF
Chloromethane	ND	U	0.448	1.00	ug/L	1
Vinyl chloride	ND	U	0.124	1.00	ug/L	1
Bromomethane	ND	U	0.237	1.00	ug/L	1
Chloroethane	ND	U	0.311	1.00	ug/L	1
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1
Acetone	ND	U	0.864	25.0	ug/L	1
Acetonitrile	ND	U	11.5	20.0	ug/L	1
Methylene chloride	ND	U	0.152	5.00	ug/L	1
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1
Acrylonitrile	ND	U	3.04	25.0	ug/L	1
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1
2-Butanone	ND	U	0.723	25.0	ug/L	1
Bromochloromethane	ND	U	0.211	1.00	ug/L	1
Chloroform	ND	U	0.139	1.00	ug/L	1
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1
Benzene	ND	U	0.113	1.00	ug/L	1
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1
Trichloroethene	ND	U	0.125	1.00	ug/L	1
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1
Dibromomethane	ND	U	0.168	1.00	ug/L	1
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1
Toluene	ND	U	0.133	1.00	ug/L	1
Methyl iodide	ND	U	0.115	1.00	ug/L	1
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1
Vinyl acetate	ND	U	0.882	2.00	ug/L	1
Carbon disulfide	ND	U	0.106	1.00	ug/L	1
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1
2-Hexanone	ND	U	0.728	5.00	ug/L	1
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1
Chlorobenzene	ND	U	0.116	1.00	ug/L	1
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1
Bromoform	ND	U	0.0974	1.00	ug/L	1
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1

Print Date: 06/28/2012 N.C. Certification # 481

Method Blank

Blank ID: MB for HBN 25011 [VXX/3530] Matrix: Water
Blank Lab ID: 78167
QC for Samples:
31201992001, 31201992002, 31201992003, 31201992004, 31201992005, 31201992006, 31201992007, 31201992008

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1
m,p-Xylene	ND	U	0.182	2.00	ug/L	1
Styrene	ND	U	0.102	1.00	ug/L	1
o-Xylene	ND	U	0.0874	1.00	ug/L	1
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1
Surrogates						
1,2-Dichloroethane-d4	96.0			64.0-140	%	1
Toluene d8	101			82.0-117	%	1
4-Bromofluorobenzene	100			85.0-115	%	1

Batch Information

Analytical Batch: VMS2320
Analytical Method: SW-846 8260B
Instrument: MSD8
Analyst: DVO
Analytical Date/Time: 6/26/2012 10:56:00AM

Prep Batch: VXX3530
Prep Method: SW-846 5030B
Prep Date/Time: 6/26/2012 8:19:43AM
Prep Initial Wt./Vol.: 40 mL
Prep Extract Vol: 40 mL

Print Date: 06/28/2012 N.C. Certification # 481

Blank Spike Summary

Blank Spike ID: LCS for HBN 25011 [VXX/3530]
Blank Spike Lab ID: 78165
Date Analyzed: 06/26/2012 09:18

Spike Duplicate ID: LCSD for HBN 25011 [VXX/3530]
Spike Duplicate Lab ID: 78166
Date Analyzed: 06/26/2012 09:42
Matrix: Water

QC for Samples: 31201992001, 31201992002, 31201992003, 31201992004, 31201992005, 31201992006, 31201992007, 31201992008

Results by **SW-846 8260B**

	Blank Spike (ug/L)			Spike Duplicate (ug/L)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Chloromethane	5.00	4.96	99	5.00	4.87	97	57.0-132	1.8	30.00
Vinyl chloride	5.00	5.20	104	5.00	4.88	98	59.0-138	6.3	30.00
Bromomethane	5.00	4.64	93	5.00	4.97	99	51.0-134	6.9	30.00
Chloroethane	5.00	5.59	112	5.00	5.77	115	64.0-145	3.2	30.00
Trichlorofluoromethane	5.00	5.58	112	5.00	5.76	115	64.0-133	3.2	30.00
1,1-Dichloroethene	5.00	5.41	108	5.00	5.10	102	71.0-128	5.9	30.00
Acetone	25.0	15.0	60	25.0	13.4	53	52.0-140	11	30.00
Methylene chloride	5.00	5.63	113	5.00	4.88	98	70.0-113	14	30.00
trans-1,2-Dichloroethene	5.00	5.34	107	5.00	5.01	100	57.0-138	6.4	30.00
Acrylonitrile	125	135	108	125	128	103	55.0-141	5.3	30.00
1,1-Dichloroethane	5.00	5.49	110	5.00	5.12	102	68.0-133	7.0	30.00
cis-1,2-Dichloroethene	5.00	5.60	112	5.00	5.30	106	73.0-128	5.5	30.00
2-Butanone	25.0	20.1	80	25.0	18.8	75	58.0-134	6.7	30.00
Bromochloromethane	5.00	5.90	118	5.00	5.77	115	73.0-128	2.2	30.00
Chloroform	5.00	5.56	111	5.00	5.14	103	74.0-124	7.9	30.00
1,1,1-Trichloroethane	5.00	5.90	118	5.00	5.53	111	76.0-119	6.5	30.00
Carbon tetrachloride	5.00	5.65	113	5.00	5.40	108	75.0-120	4.5	30.00
1,1-Dichloropropene	5.00	5.18	104	5.00	5.43	109	76.0-124	4.7	30.00
Benzene	5.00	5.28	106	5.00	5.27	105	76.0-124	0.19	30.00
1,2-Dichloroethane	5.00	5.11	102	5.00	5.13	103	76.0-119	0.39	30.00
Trichloroethene	5.00	5.65	113	5.00	5.31	106	74.0-121	6.2	30.00
1,2-Dichloropropane	5.00	5.33	107	5.00	5.23	105	74.0-124	1.9	30.00
Dibromomethane	5.00	5.50	110	5.00	5.08	102	71.0-128	7.9	30.00
Bromodichloromethane	5.00	5.18	104	5.00	5.15	103	72.0-120	0.58	30.00
cis-1,3-Dichloropropene	5.00	5.72	114	5.00	5.43	109	73.0-122	5.2	30.00
4-Methyl-2-pentanone	25.0	25.2	101	25.0	24.5	98	65.0-124	2.8	30.00
Toluene	5.00	5.14	103	5.00	5.46	109	75.0-123	6.0	30.00
Methyl iodide	5.00	6.16	123	5.00	6.27	**125***	55.0-123	1.8	30.00
trans-1,3-Dichloropropene	5.00	5.78	116	5.00	5.20	104	70.0-125	11	30.00
Vinyl acetate	12.5	13.6	108	12.5	12.2	98	40.0-141	11	30.00
Carbon disulfide	5.00	8.25	**165***	5.00	8.47	**169***	65.0-132	2.6	30.00
1,1,2-Trichloroethane	5.00	5.58	112	5.00	5.40	108	76.0-121	3.3	30.00
Tetrachloroethene	5.00	5.38	108	5.00	5.35	107	59.0-112	0.56	30.00
2-Hexanone	25.0	18.7	75	25.0	17.3	69	56.0-133	7.8	30.00

SGS Analytical Perspectives | 5500 Business Dr. US - 28405 - Wilmington, NC t +1 910 350 1903 f +1 910 350 1557 www.sgs.com
Member of the SGS Group (SGS SA)

Blank Spike Summary

Blank Spike ID: LCS for HBN 25011 [VXX/3530]
Blank Spike Lab ID: 78165
Date Analyzed: 06/26/2012 09:18

Spike Duplicate ID: LCSD for HBN 25011 [VXX/3530]
Spike Duplicate Lab ID: 78166
Date Analyzed: 06/26/2012 09:42
Matrix: Water

QC for Samples: 31201992001, 31201992002, 31201992003, 31201992004, 31201992005, 31201992006, 31201992007, 31201992008

Results by **SW-846 8260B**

	Blank Spike (ug/L)			Spike Duplicate (ug/L)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Dibromochloromethane	5.00	5.57	111	5.00	5.36	107	67.0-122	3.8	30.00
1,2-Dibromoethane	5.00	5.34	107	5.00	4.89	98	74.0-119	8.8	30.00
Chlorobenzene	5.00	5.13	103	5.00	5.19	104	74.0-120	1.2	30.00
1,1,1,2-Tetrachloroethane	5.00	5.55	111	5.00	5.29	106	73.0-119	4.8	30.00
Bromoform	5.00	5.61	112	5.00	5.63	113	62.0-127	0.36	30.00
1,1,2,2-Tetrachloroethane	5.00	5.15	103	5.00	4.88	98	68.0-129	5.4	30.00
1,2,3-Trichloropropane	5.00	5.38	108	5.00	5.03	101	67.0-126	6.7	30.00
Ethyl Benzene	5.00	4.59	92	5.00	4.64	93	76.0-123	1.1	30.00
m,p-Xylene	10.0	9.69	97	10.0	9.91	99	76.0-124	2.2	30.00
Styrene	5.00	4.32	86	5.00	4.65	93	76.0-121	7.4	30.00
o-Xylene	5.00	4.61	92	5.00	4.89	98	75.0-124	5.9	30.00
1,3-Dichlorobenzene	5.00	5.01	100	5.00	4.97	99	75.0-120	0.80	30.00
1,4-Dichlorobenzene	5.00	5.20	104	5.00	4.67	93	70.0-125	11	30.00
1,2-Dichlorobenzene	5.00	5.08	102	5.00	4.95	99	76.0-118	2.6	30.00
1,2-Dibromo-3-chloropropane	30.0	28.1	94	30.0	27.6	92	62.0-130	1.8	30.00
trans-1,4-Dichloro-2-butene	25.0	25.5	102	25.0	22.9	92	61.0-132	11	30.00
Surrogates									
1,2-Dichloroethane-d4			104			103	64.0-140		
Toluene d8			107			104	82.0-117		
4-Bromofluorobenzene			103			101	85.0-115		

Batch Information

Analytical Batch: **VMS2320**
Analytical Method: **SW-846 8260B**
Instrument: **MSD8**
Analyst: **DVO**

Prep Batch: **VXX3530**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/26/2012 08:19**
Spike Init Wt./Vol.: **40 mL** Extract Vol: **40 mL**
Dupe Init Wt./Vol.: **40 mL** Extract Vol: **40 mL**

Batch Summary

Analytical Method: SW-846 8260B

Prep Method: SW-846 5030B
Prep Batch: VXX3542
Prep Date: 06/27/2012 09:45

Client Sample ID	Lab Sample ID	Analysis Date	Analytical Batch	Instrument	Analyst
LCS for HBN 25074 [VXX/3542]	78410	06/27/2012 10:48	VMS2327	MSD4	DVO
LCSD for HBN 25074 [VXX/3542]	78411	06/27/2012 11:12	VMS2327	MSD4	DVO
MB for HBN 25074 [VXX/3542]	78412	06/27/2012 12:01	VMS2327	MSD4	DVO
0303T-MW1	31201992001	06/27/2012 13:56	VMS2327	MSD4	DVO
0303T-MW3	31201992003	06/27/2012 14:20	VMS2327	MSD4	DVO
0303T-MW4	31201992004	06/27/2012 14:45	VMS2327	MSD4	DVO
0303T-MW5	31201992005	06/27/2012 15:09	VMS2327	MSD4	DVO
0303T-ST2	31201992007	06/27/2012 15:33	VMS2327	MSD4	DVO
Duplicate02(78392MS)	78632	06/27/2012 16:22	VMS2327	MSD4	DVO
Duplicate02(78392MSD)	78633	06/27/2012 16:46	VMS2327	MSD4	DVO

SGS North America Inc.
5500 Business Drive, Wilmington, NC 28405
t 910.350.1903 f 910.350.1557 www.us.sgs.com
Member of SGS Group

Method Blank

Blank ID: MB for HBN 25074 [VXX/3542]
Matrix: Water
Blank Lab ID: 78412
QC for Samples:
31201992001, 31201992003, 31201992004, 31201992005, 31201992007

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF
Carbon disulfide	ND	U	0.106	1.00	ug/L	1

Batch Information

Analytical Batch: VMS2327
Analytical Method: SW-846 8260B
Instrument: MSD4
Analyst: DVO
Analytical Date/Time: 6/27/2012 12:01:00PM

Prep Batch: VXX3542
Prep Method: SW-846 5030B
Prep Date/Time: 6/27/2012 9:45:20AM
Prep Initial Wt./Vol.: 40 mL
Prep Extract Vol: 40 mL

Print Date: 06/28/2012
N.C. Certification # 481

Blank Spike Summary

Blank Spike ID: LCS for HBN 25074 [VXX/3542]
Blank Spike Lab ID: 78410
Date Analyzed: 06/27/2012 10:48

Spike Duplicate ID: LCSD for HBN 25074 [VXX/3542]
Spike Duplicate Lab ID: 78411
Date Analyzed: 06/27/2012 11:12
Matrix: Water

QC for Samples: 31201992001, 31201992003, 31201992004, 31201992005, 31201992007

Results by **SW-846 8260B**

	Blank Spike (ug/L)			Spike Duplicate (ug/L)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Carbon disulfide	5.00	4.92	98	5.00	5.07	101	65.0-132	3.0	30.00

Batch Information

Analytical Batch: **VMS2327**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**

Prep Batch: **VXX3542**
Prep Method: **SW-846 5030B**
Prep Date/Time: **06/27/2012 09:45**
Spike Init Wt./Vol.: **40 mL** Extract Vol: **40 mL**
Dupe Init Wt./Vol.: **40 mL** Extract Vol: **40 mL**

SGS Analytical Perspectives | 5500 Business Dr. US - 28405 - Wilmington, NC t +1 910 350 1903 f +1 910 350 1557 www.sgs.com
Member of the SGS Group (SGS SA)

Batch Summary

Analytical Method: SW-846 6010C

Prep Method: SW-846 3010A
Prep Batch: MXX2128
Prep Date: 06/25/2012 09:43

Client Sample ID	Lab Sample ID	Analysis Date	Analytical Batch	Instrument	Analyst
MB for HBN 24968 [MXX/2128]	78037	06/25/2012 19:12	MIP1604	ICP1	PSW
LCS for HBN 24968 [MXX/2128]	78038	06/25/2012 19:19	MIP1604	ICP1	PSW
LCSD for HBN 24968 [MXX/2128]	78039	06/25/2012 19:25	MIP1604	ICP1	PSW
0303T-MW1	31201992001	06/25/2012 19:31	MIP1604	ICP1	PSW
0303T-MW1(78002MS)	78040	06/25/2012 19:37	MIP1604	ICP1	PSW
0303T-MW1(78002MSD)	78041	06/25/2012 19:44	MIP1604	ICP1	PSW
0303T-MW2	31201992002	06/25/2012 19:50	MIP1604	ICP1	PSW
0303T-MW3	31201992003	06/25/2012 20:09	MIP1604	ICP1	PSW
0303T-MW4	31201992004	06/25/2012 20:15	MIP1604	ICP1	PSW
0303T-MW5	31201992005	06/25/2012 20:21	MIP1604	ICP1	PSW
0303T-ST1	31201992006	06/25/2012 20:27	MIP1604	ICP1	PSW
0303T-ST2	31201992007	06/25/2012 20:34	MIP1604	ICP1	PSW
0303T-ST2(78008DUP)	78042	06/25/2012 20:40	MIP1604	ICP1	PSW
MB for HBN 24968 [MXX/2128]	78037	06/26/2012 17:20	MIP1607	ICP1	PSW
LCS for HBN 24968 [MXX/2128]	78038	06/26/2012 17:24	MIP1607	ICP1	PSW
LCSD for HBN 24968 [MXX/2128]	78039	06/26/2012 17:28	MIP1607	ICP1	PSW
0303T-MW1	31201992001	06/26/2012 17:33	MIP1607	ICP1	PSW
0303T-MW1(78002MS)	78040	06/26/2012 17:37	MIP1607	ICP1	PSW
0303T-MW1(78002MSD)	78041	06/26/2012 17:50	MIP1607	ICP1	PSW
0303T-MW2	31201992002	06/26/2012 17:54	MIP1607	ICP1	PSW
0303T-MW3	31201992003	06/26/2012 17:58	MIP1607	ICP1	PSW
0303T-MW4	31201992004	06/26/2012 18:03	MIP1607	ICP1	PSW
0303T-MW5	31201992005	06/26/2012 18:07	MIP1607	ICP1	PSW
0303T-ST1	31201992006	06/26/2012 18:11	MIP1607	ICP1	PSW
0303T-ST2	31201992007	06/26/2012 18:15	MIP1607	ICP1	PSW
0303T-ST2(78008DUP)	78042	06/26/2012 18:20	MIP1607	ICP1	PSW

SGS North America Inc.
5500 Business Drive, Wilmington, NC 28405
t 910.350.1903 f 910.350.1557 www.us.sgs.com
Member of SGS Group

Method Blank

Blank ID: MB for HBN 24968 [MXX/2128]
Matrix: Water
Blank Lab ID: 78037
QC for Samples:
31201992001, 31201992002, 31201992003, 31201992004, 31201992005, 31201992006, 31201992007

Results by **SW-846 6010C**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF
Arsenic	ND	U	0.00369	0.0100	mg/L	1
Zinc	ND	U	0.00226	0.0200	mg/L	1
Lead	ND	U	0.00541	0.0100	mg/L	1
Cobalt	ND	U	0.00339	0.0100	mg/L	1
Nickel	ND	U	0.00306	0.0100	mg/L	1
Barium	**0.00967**	J	0.000394	0.100	mg/L	1
Chromium	ND	U	0.00147	0.0100	mg/L	1
Copper	**0.00264**	J	0.000672	0.0100	mg/L	1
Silver	ND	U	0.00105	0.0100	mg/L	1

Batch Information

Analytical Batch: MIP1604
Analytical Method: SW-846 6010C
Instrument: ICP1
Analyst: PSW
Analytical Date/Time: 6/25/2012 7:12:47PM

Prep Batch: MXX2128
Prep Method: SW-846 3010A
Prep Date/Time: 6/25/2012 9:43:03AM
Prep Initial Wt./Vol.: 50 mL
Prep Extract Vol: 50 mL

Analytical Batch: MIP1607
Analytical Method: SW-846 6010C
Instrument: ICP1
Analyst: PSW
Analytical Date/Time: 6/26/2012 5:20:09PM

Prep Batch: MXX2128
Prep Method: SW-846 3010A
Prep Date/Time: 6/25/2012 9:43:03AM
Prep Initial Wt./Vol.: 50 mL
Prep Extract Vol: 50 mL

SGS Analytical Perspectives | 5500 Business Dr. US - 28405 - Wilmington, NC t +1 910 350 1903 f +1 910 350 1557 www.sgs.com

Member of the SGS Group (SGS SA)

Blank Spike Summary

Blank Spike ID: LCS for HBN 24968 [MXX/2128]
Blank Spike Lab ID: 78038
Date Analyzed: 06/25/2012 19:19

Spike Duplicate ID: LCSD for HBN 24968 [MXX/2128]
Spike Duplicate Lab ID: 78039
Date Analyzed: 06/25/2012 19:25
Matrix: Water

QC for Samples: 31201992001, 31201992002, 31201992003, 31201992004, 31201992005, 31201992006, 31201992007

Results by **SW-846 6010C**

	Blank Spike (mg/L)			Spike Duplicate (mg/L)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Arsenic	0.400	0.399	100	0.400	0.395	99	80.0-120	1.0	
Zinc	0.400	0.395	99	0.400	0.387	97	80.0-120	2.0	
Lead	0.400	0.383	96	0.400	0.383	96	80.0-120	0.0	
Cobalt	0.400	0.402	100	0.400	0.398	100	80.0-120	1.0	
Nickel	0.400	0.405	101	0.400	0.395	99	80.0-120	2.5	
Barium	2.00	1.98	99	2.00	1.97	99	80.0-120	0.51	
Chromium	0.400	0.400	100	0.400	0.393	98	80.0-120	1.8	
Copper	0.400	0.388	97	0.400	0.388	97	80.0-120	0.0	
Silver	0.400	0.395	99	0.400	0.393	98	80.0-120	0.51	

Batch Information

Analytical Batch: **MIP1604**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Spike Init Wt./Vol.: **50 mL** Extract Vol: **50 mL**
Dupe Init Wt./Vol.: **50 mL** Extract Vol: **50 mL**

Analytical Batch: **MIP1607**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Spike Init Wt./Vol.: **50 mL** Extract Vol: **50 mL**
Dupe Init Wt./Vol.: **50 mL** Extract Vol: **50 mL**

Matrix Spike Summary

Original Sample ID: 31201992001 (0303T-MW1)
MS Sample ID: 78040
MSD Sample ID: 78041

Analysis Date: 06/25/2012 19:31
Analysis Date: 06/25/2012 19:37
Analysis Date: 06/25/2012 19:44
Matrix: Water

QC for Samples: 31201992001, 31201992002, 31201992003, 31201992004, 31201992005, 31201992006, 31201992007

Results by **SW-846 6010C**

		Matrix Spike (ug/L)			Spike Duplicate (ug/L)					
Parameter	Sample	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Arsenic	ND	0.400	0.393	98	0.400	0.395	99	75.0-125	0.51	20.00
Barium	51.9	2.00	1.98	99	2.00	2.03	101	75.0-125	2.5	20.00
Chromium	2.72	0.400	0.394	98	0.400	0.398	99	75.0-125	1.0	20.00
Cobalt	ND	0.400	0.390	98	0.400	0.397	99	75.0-125	1.8	20.00
Copper	6.92	0.400	0.393	98	0.400	0.403	101	75.0-125	2.5	20.00
Lead	ND	0.400	0.370	93	0.400	0.377	94	75.0-125	1.9	20.00
Nickel	ND	0.400	0.390	97	0.400	0.397	99	75.0-125	1.8	20.00
Silver	ND	0.400	0.384	96	0.400	0.393	98	75.0-125	2.3	20.00
Zinc	10.2	0.400	0.395	99	0.400	0.403	101	75.0-125	2.0	20.00

Batch Information

Analytical Batch: **MIP1604**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
MS Init Wt./Vol.: **50 mL** Extract Vol.: **50 mL**
MSD Init Wt./Vol.: **50 mL** Extract Vol.: **50 mL**

Analytical Batch: **MIP1607**
Analytical Method: **SW-846 6010C**
Instrument: **ICP1**
Analyst: **PSW**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
MS Init Wt./Vol.: **50 mL** Extract Vol.: **50 mL**
MSD Init Wt./Vol.: **50 mL** Extract Vol.: **50 mL**

Print Date: 06/28/2012

N.C. Certification # 481

Duplicate Sample Summary

Original Sample ID: 31201992007-D
Duplicate Sample ID: 78042

Analysis Date: 06/25/2012 20:34
Analysis Date: 06/25/2012 20:40
Matrix: Water

QC for Samples: 31201992001, 31201992002, 31201992003, 31201992004, 31201992005, 31201992006, 31201992007

Results by **SW-846 6010C**

PARAMETER	Original (ug/L)	Qual	Duplicate (mg/L)	Qual	RPD (%)	RPD CL
Arsenic	ND	U	ND			20.00
Barium	26.3	J	0.0259	J	1.5	20.00
Chromium	2.04	J	0.00170	J	18	20.00
Cobalt	ND	U	ND			20.00
Copper	4.30	J	0.00400	J	7.2	20.00
Lead	5.54	J	ND			20.00
Nickel	ND	U	ND			20.00
Silver	ND	U	ND			20.00
Zinc	4.69	J	0.00395	J	17	20.00

Batch Information

Analytical Batch: MIP1604
Analytical Method: SW-846 6010C
Instrument: ICP1
Analyst: PSW

Prep Batch: MXX2128
Prep Method: SW-846 3010A
Prep Date/Time: 06/25/2012 09:43

Print Date: 06/28/2012

N.C. Certification # 481

Batch Summary

Analytical Method: SW-846 6020A

Prep Method: SW-846 3010A
Prep Batch: MXX2128
Prep Date: 06/25/2012 09:43

Client Sample ID	Lab Sample ID	Analysis Date	Analytical Batch	Instrument	Analyst
MB for HBN 24968 [MXX/2128]	78037	06/26/2012 11:52	MMS1231	ICPMS2	PSW
MB for HBN 24968 [MXX/2128]	78037	06/26/2012 11:54	MMS1231	ICPMS2	PSW
LCS for HBN 24968 [MXX/2128]	78038	06/26/2012 11:57	MMS1231	ICPMS2	PSW
LCSD for HBN 24968 [MXX/2128]	78039	06/26/2012 11:59	MMS1231	ICPMS2	PSW
0303T-MW1	31201992001	06/26/2012 12:02	MMS1231	ICPMS2	PSW
0303T-MW1	31201992001	06/26/2012 12:04	MMS1231	ICPMS2	PSW
0303T-MW1(78002MS)	78040	06/26/2012 12:07	MMS1231	ICPMS2	PSW
0303T-MW1(78002MSD)	78041	06/26/2012 12:09	MMS1231	ICPMS2	PSW
0303T-MW2	31201992002	06/26/2012 12:11	MMS1231	ICPMS2	PSW
0303T-MW2	31201992002	06/26/2012 12:14	MMS1231	ICPMS2	PSW
0303T-MW3	31201992003	06/26/2012 12:21	MMS1231	ICPMS2	PSW
0303T-MW3	31201992003	06/26/2012 12:24	MMS1231	ICPMS2	PSW
0303T-MW4	31201992004	06/26/2012 12:26	MMS1231	ICPMS2	PSW
0303T-MW4	31201992004	06/26/2012 12:29	MMS1231	ICPMS2	PSW
0303T-MW5	31201992005	06/26/2012 12:31	MMS1231	ICPMS2	PSW
0303T-MW5	31201992005	06/26/2012 12:34	MMS1231	ICPMS2	PSW
0303T-ST1	31201992006	06/26/2012 12:36	MMS1231	ICPMS2	PSW
0303T-ST1	31201992006	06/26/2012 12:39	MMS1231	ICPMS2	PSW
0303T-ST2	31201992007	06/26/2012 12:41	MMS1231	ICPMS2	PSW
0303T-ST2	31201992007	06/26/2012 12:43	MMS1231	ICPMS2	PSW
0303T-ST2(78008DUP)	78042	06/26/2012 12:51	MMS1231	ICPMS2	PSW
0303T-ST2(78008DUP)	78042	06/26/2012 12:53	MMS1231	ICPMS2	PSW

SGS North America Inc.
5500 Business Drive, Wilmington, NC 28405
t 910.350.1903 f 910.350.1557 www.us.sgs.com

Member of SGS Group

Method Blank

Blank ID: MB for HBN 24968 [MXX/2128]
Matrix: Water
Blank Lab ID: 78037
QC for Samples:
31201992001, 31201992002, 31201992003, 31201992004, 31201992005, 31201992006, 31201992007

Results by **SW-846 6020A**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF
Beryllium	ND	U	0.000130	0.00100	mg/L	2
Vanadium	ND	U	0.000903	0.00500	mg/L	10
Selenium	ND	U	0.00143	0.00500	mg/L	10
Cadmium	ND	U	0.0000310	0.00100	mg/L	2
Antimony	ND	U	0.00133	0.00500	mg/L	10
Thallium	ND	U	0.000641	0.00500	mg/L	10

Batch Information

Analytical Batch: MMS1231
Analytical Method: SW-846 6020A
Instrument: ICPMS2
Analyst: PSW
Analytical Date/Time: 6/26/2012 11:52:14AM

Prep Batch: MXX2128
Prep Method: SW-846 3010A
Prep Date/Time: 6/25/2012 9:43:03AM
Prep Initial Wt./Vol.: 50 mL
Prep Extract Vol: 50 mL

Print Date: 06/28/2012
N.C. Certification # 481

Blank Spike Summary

Blank Spike ID: LCS for HBN 24968 [MXX/2128]
Blank Spike Lab ID: 78038
Date Analyzed: 06/26/2012 11:57

Spike Duplicate ID: LCSD for HBN 24968 [MXX/2128]
Spike Duplicate Lab ID: 78039
Date Analyzed: 06/26/2012 11:59
Matrix: Water

QC for Samples: 31201992001, 31201992002, 31201992003, 31201992004, 31201992005, 31201992006, 31201992007

Results by **SW-846 6020A**

	Blank Spike (mg/L)			Spike Duplicate (mg/L)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Beryllium	0.400	0.425	106	0.400	0.409	102	80.0-120	3.8	20.00
Vanadium	0.400	0.399	100	0.400	0.386	97	80.0-120	3.3	20.00
Selenium	0.400	0.426	107	0.400	0.428	107	80.0-120	0.47	20.00
Cadmium	0.400	0.425	106	0.400	0.425	106	80.0-120	0.0	20.00
Antimony	0.400	0.407	102	0.400	0.409	102	80.0-120	0.49	20.00
Thallium	0.400	0.406	102	0.400	0.405	101	80.0-120	0.25	20.00

Batch Information

Analytical Batch: **MMS1231**
Analytical Method: **SW-846 6020A**
Instrument: **ICPMS2**
Analyst: **PSW**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
Spike Init Wt./Vol.: **50 mL** Extract Vol: **50 mL**
Dupe Init Wt./Vol.: **50 mL** Extract Vol: **50 mL**

SGS Analytical Perspectives | 5500 Business Dr. US - 28405 - Wilmington, NC t +1 910 350 1903 f +1 910 350 1557 www.sgs.com
Member of the SGS Group (SGS SA)

Matrix Spike Summary

Original Sample ID: 31201992001 (0303T-MW1) — Analysis Date: 06/26/2012 12:04
MS Sample ID: 78040 — Analysis Date: 06/26/2012 12:07
MSD Sample ID: 78041 — Analysis Date: 06/26/2012 12:09
Matrix: Water

QC for Samples: 31201992001, 31201992002, 31201992003, 31201992004, 31201992005, 31201992006, 31201992007

Results by **SW-846 6020A**

		Matrix Spike (ug/L)			Spike Duplicate (ug/L)					
Parameter	Sample	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Antimony	ND	0.400	0.386	97	0.400	0.413	103	75.0-125	6.8	25.00
Beryllium	ND	0.400	0.419	105	0.400	0.404	101	75.0-125	3.6	25.00
Cadmium	0.520	0.400	0.404	101	0.400	0.425	106	75.0-125	5.1	25.00
Selenium	ND	0.400	0.430	108	0.400	0.432	108	75.0-125	0.46	25.00
Thallium	ND	0.400	0.394	99	0.400	0.412	103	75.0-125	4.5	25.00
Vanadium	1.40	0.400	0.390	98	0.400	0.403	101	75.0-125	3.3	25.00

Batch Information

Analytical Batch: **MMS1231**
Analytical Method: **SW-846 6020A**
Instrument: **ICPMS2**
Analyst: **PSW**

Prep Batch: **MXX2128**
Prep Method: **SW-846 3010A**
Prep Date/Time: **06/25/2012 09:43**
MS Init Wt./Vol.: **50 mL** Extract Vol.: **50 mL**
MSD Init Wt./Vol.: **50 mL** Extract Vol.: **50 mL**

Print Date: 06/28/2012 — N.C. Certification # 481

Duplicate Sample Summary

Original Sample ID: 31201992007-D
Duplicate Sample ID: 78042

Analysis Date: 06/26/2012 12:43
Analysis Date: 06/26/2012 12:53
Matrix: Water

QC for Samples: 31201992001, 31201992002, 31201992003, 31201992004, 31201992005, 31201992006, 31201992007

Results by **SW-846 6020A**

PARAMETER	Original (ug/L)	Qual	Duplicate (mg/L)	Qual	RPD (%)	RPD CL
Antimony	ND	U	ND			20.00
Beryllium	ND	U	ND			20.00
Cadmium	ND	U	ND			20.00
Selenium	ND	U	ND			20.00
Thallium	ND	U	ND			20.00
Vanadium	1.00	J	ND			20.00

Batch Information

Analytical Batch: MMS1231
Analytical Method: SW-846 6020A
Instrument: ICPMS2
Analyst: PSW

Prep Batch: MXX2128
Prep Method: SW-846 3010A
Prep Date/Time: 06/25/2012 09:43

Print Date: 06/28/2012

N.C. Certification # 481

CHAIN OF CUSTODY RECORD
SGS North America Inc.

Locations Nationwide
- Alaska
- New Jersey
- North Carolina
- Maryland
- New York
- Ohio

www.us.sgs.com

104756

(1)

CLIENT: ARM

CONTACT: JOE ZUNCICH PHONE NO: (910) 270-2919

PROJECT: Alleghany County Landfill SITE/PWSID#:

REPORTS TO: ARM FAX NO.: (910) 270-2988

INVOICE TO: ARM QUOTE #:

P.O. NUMBER:

SGS Reference: 312 01992

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used: HCL	HNO3								REMARKS
							Analysis Required (3): Appendix I VOC's	Appendix I Metals								
	0303T-MW1	6-21-12	1638	H_2O	4	G	X	X								
	0303T-MW2		1435	H_2O	4	G	X	X								
	0303T-MW3		1830	H_2O	4	G	X	X								
	0303T-MW4		1737	H_2O	4	G	X	X								
	0303T-MW5		1515	H_2O	4	G	X	X								
	0303T-ST1		1405	H_2O	4	G	X	X								
	0303T-ST2		1547	H_2O	4	G	X	X								

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
[signature]	6-22-12		
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date 6-22-12	Time 1345	Received By: [signature]

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature°C: 2.0

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Hand Delivered

Special Instructions: Analyze to NC Landfill Parameters

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☒ STD

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

White - Retained by Lab
Pink - Retained by Client

SGS North America Inc.

Sample Receipt Checklist (SRC)

Client: **Applied Resource Management** Work Order No.: **31201992**

Notes:

1. ___ Shipped
   X Hand Delivered

2. X COC Present on Receipt
   ___ No COC
   ___ Additional Transmittal Forms

3. ___ Custody Tape on Container
   X No Custody Tape

4. X Samples Intact
   ___ Samples Broken / Leaking

5. X Chilled on Receipt Actual Temp.(s) in °C: 2
   ___ Ambient on Receipt
   X Walk-in on Ice; Coming down to temp.
   ___ Received Outside of Temperature Specifications

6. X Sufficient Sample Submitted
   ___ Insufficient Sample Submitted

7. ___ Chlorine absent
   X HNO3 < 2
   ___ HCL < 2
   ___ Additional Preservatives verified (see notes)

8. X Received Within Holding Time
   ___ Not Received Within Holding Time

9. X No Discrepancies Noted
   ___ Discrepancies Noted
   ___ NCDENR notified of Discrepancies*

10. X No Headspace present in VOC vials
    ___ Headspace present in VOC vials >6mm

Comments:

Inspected and Logged in by: JJ

Date: Mon-6/25/12 00:00

*NCDENR must be notified when collection, holding time or preservation requirements are not met. MI_11.6

APPENDIX B

Facility Permit	Well ID	CAS NUmber	SWS ID	Parameter	Result	Units	Qualifier	Method	MDL	MRL	SWSL	Dilution Factor	Collect Date	Extraction Date	Analysis Date	NC LABORATORY CERTIFICATION NUMBER
0303T	0303T-MW1	7440-36-0	13	Antimony	1.33	ug/L	U	SW-846 6020A	1.33	5	6	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW1	7440-38-2	14	Arsenic	3.69	ug/L	U	SW-846 6010C	3.69	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW1	7440-39-3	15	Barium	51.9	ug/L	J	SW-846 6010C	0.394	100	100	1	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW1	7440-41-7	23	Beryllium	0.13	ug/L	U	SW-846 6020A	0.13	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW1	7440-43-9	34	Cadmium	0.52	ug/L	J	SW-846 6020A	0.031	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW1	7440-47-3	51	Chromium	2.72	ug/L	J	SW-846 6010C	1.47	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW1	7440-48-4	53	Cobalt	3.39	ug/L	U	SW-846 6010C	3.39	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW1	7440-50-8	54	Copper	6.92	ug/L	J	SW-846 6010C	0.672	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW1	7439-92-1	131	Lead	5.41	ug/L	U	SW-846 6010C	5.41	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW1	7440-02-0	152	Nickel	3.06	ug/L	U	SW-846 6010C	3.06	10	50	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW1	7782-49-2	183	Selenium	1.43	ug/L	U	SW-846 6020A	1.43	5	10	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW1	7440-22-4	184	Silver	1.05	ug/L	U	SW-846 6010C	1.05	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW1	7440-28-0	194	Thallium	0.641	ug/L	U	SW-846 6020A	0.641	5	5.5	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW1	7440-62-2	209	Vanadium	1.4	ug/L	J	SW-846 6020A	0.903	5	25	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW1	7440-66-6	213	Zinc	10.2	ug/L	J	SW-846 6010C	2.26	20	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW1	67-64-1	3	Acetone	0.864	ug/L	U	SW-846 8260B	0.864	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	75-05-8	4	Acetonitrile	11.5	ug/L	U	SW-846 8260B	11.5	55	55	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	107-13-1	8	Acrylonitrile	3.04	ug/L	U	SW-846 8260B	3.04	200	200	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	71-43-2	16	Benzene	0.113	ug/L	U	SW-846 8260B	0.113	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	74-97-5	28	Bromochloromethane	0.211	ug/L	U	SW-846 8260B	0.211	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	75-27-4	29	Bromodichloromethane	0.11	ug/L	U	SW-846 8260B	0.11	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	75-25-2	30	Bromoform	0.0974	ug/L	U	SW-846 8260B	0.0974	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	74-83-9	136	Bromomethane	0.237	ug/L	U	SW-846 8260B	0.237	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	78-93-3	141	2-Butanone	0.723	ug/L	U	SW-846 8260B	0.723	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	75-15-0	35	Carbon disulfide	0.63	ug/L	J	SW-846 8260B	0.106	100	100	1	6/21/2012	6/27/2012	6/27/2012	481
0303T	0303T-MW1	56-23-5	36	Carbon tetrachloride	0.101	ug/L	U	SW-846 8260B	0.101	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	108-90-7	39	Chlorobenzene	0.116	ug/L	U	SW-846 8260B	0.116	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	75-00-3	41	Chloroethane	0.311	ug/L	U	SW-846 8260B	0.311	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	67-66-3	44	Chloroform	0.139	ug/L	U	SW-846 8260B	0.139	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	74-87-3	137	Chloromethane	0.448	ug/L	U	SW-846 8260B	0.448	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	124-48-1	66	Dibromochloromethane	0.134	ug/L	U	SW-846 8260B	0.134	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	96-12-8	67	1,2-Dibromo-3-chloropropane	0.748	ug/L	U	SW-846 8260B	0.748	10	13	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	74-95-3	139	Dibromomethane	0.168	ug/L	U	SW-846 8260B	0.168	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	106-93-4	68	1,2-Dibromoethane	0.12	ug/L	U	SW-846 8260B	0.12	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	95-50-1	69	1,2-Dichlorobenzene	0.137	ug/L	U	SW-846 8260B	0.137	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	541-73-1	70	1,3-Dichlorobenzene	0.103	ug/L	U	SW-846 8260B	0.103	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	106-46-7	71	1,4-Dichlorobenzene	0.13	ug/L	U	SW-846 8260B	0.13	5	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	110-57-6	73	trans-1,4-Dichloro-2-butene	0.414	ug/L	U	SW-846 8260B	0.414	50.5	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	75-34-3	75	1,1-Dichloroethane	0.165	ug/L	U	SW-846 8260B	0.165	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	75-35-4	77	1,1-Dichloroethene	0.212	ug/L	U	SW-846 8260B	0.212	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	107-06-2	76	1,2-Dichloroethane	0.167	ug/L	U	SW-846 8260B	0.167	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	156-59-2	78	cis-1,2-Dichloroethene	0.44	ug/L	J	SW-846 8260B	0.136	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	156-60-5	79	trans-1,2-Dichloroethene	0.223	ug/L	U	SW-846 8260B	0.223	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	78-87-5	82	1,2-Dichloropropane	0.163	ug/L	U	SW-846 8260B	0.163	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	563-58-6	85	1,1-Dichloropropene	0.0863	ug/L	U	SW-846 8260B	0.0863	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	10061-01-5	86	cis-1,3-Dichloropropene	0.0767	ug/L	U	SW-846 8260B	0.0767	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	10061-02-6	87	trans-1,3-Dichloropropene	0.0862	ug/L	U	SW-846 8260B	0.0862	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	100-41-4	110	Ethyl Benzene	0.0877	ug/L	U	SW-846 8260B	0.0877	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	591-78-6	124	2-Hexanone	0.728	ug/L	U	SW-846 8260B	0.728	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	74-88-4	142	Methyl iodide	0.115	ug/L	U	SW-846 8260B	0.115	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	75-09-2	140	Methylene chloride	0.152	ug/L	U	SW-846 8260B	0.152	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	108-10-1	147	4-Methyl-2-pentanone	0.558	ug/L	U	SW-846 8260B	0.558	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	100-42-5	186	Styrene	0.102	ug/L	U	SW-846 8260B	0.102	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	630-20-6	190	1,1,1,2-Tetrachloroethane	0.104	ug/L	U	SW-846 8260B	0.104	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	79-34-5	191	1,1,2,2-Tetrachloroethane	0.156	ug/L	U	SW-846 8260B	0.156	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	127-18-4	192	Tetrachloroethene	0.155	ug/L	U	SW-846 8260B	0.155	1	1	1	6/21/2012	6/26/2012	6/26/2012	481

Facility Permit	Well ID	CAS NUmber	SWS ID	Parameter	Result	Units	Qualifier	Method	MDL	MRL	SWSL	Dilution Factor	Collect Date	Extraction Date	Analysis Date	NC LABORATORY CERTIFICATION NUMBER
0303T	0303T-MW1	108-88-3	196	Toluene	0.16	ug/L	J	SW-846 8260B	0.133	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	79-01-6	201	Trichloroethene	0.125	ug/L	U	SW-846 8260B	0.125	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	71-55-6	200	1,1,1-Trichloroethane	0.123	ug/L	U	SW-846 8260B	0.123	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	79-00-5	202	1,1,2-Trichloroethane	0.126	ug/L	U	SW-846 8260B	0.126	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	75-69-4	203	Trichlorofluoromethane	0.137	ug/L	U	SW-846 8260B	0.137	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	96-18-4	206	1,2,3-Trichloropropane	0.212	ug/L	U	SW-846 8260B	0.212	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	108-05-4	210	Vinyl acetate	0.882	ug/L	U	SW-846 8260B	0.882	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	75-01-4	211	Vinyl chloride	0.124	ug/L	U	SW-846 8260B	0.124	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	136777-61-2	409	m,p-Xylene	0.182	ug/L	U	SW-846 8260B	0.182	2	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW1	95-47-6	408	o-Xylene	0.0874	ug/L	U	SW-846 8260B	0.0874	1	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	7440-36-0	13	Antimony	1.33	ug/L	U	SW-846 6020A	1.33	5	6	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW2	7440-38-2	14	Arsenic	3.69	ug/L	U	SW-846 6010C	3.69	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW2	7440-39-3	15	Barium	27.8	ug/L	J	SW-846 6010C	0.394	100	100	1	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW2	7440-41-7	23	Beryllium	0.13	ug/L	U	SW-846 6020A	0.13	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW2	7440-43-9	34	Cadmium	0.04	ug/L	J	SW-846 6020A	0.031	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW2	7440-47-3	51	Chromium	1.47	ug/L	U	SW-846 6010C	1.47	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW2	7440-48-4	53	Cobalt	3.39	ug/L	U	SW-846 6010C	3.39	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW2	7440-50-8	54	Copper	2.82	ug/L	J	SW-846 6010C	0.672	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW2	7439-92-1	131	Lead	5.41	ug/L	U	SW-846 6010C	5.41	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW2	7440-02-0	152	Nickel	3.06	ug/L	U	SW-846 6010C	3.06	10	50	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW2	7782-49-2	183	Selenium	1.43	ug/L	U	SW-846 6020A	1.43	5	10	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW2	7440-22-4	184	Silver	1.05	ug/L	U	SW-846 6010C	1.05	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW2	7440-28-0	194	Thallium	0.641	ug/L	U	SW-846 6020A	0.641	5	5.5	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW2	7440-62-2	209	Vanadium	0.903	ug/L	U	SW-846 6020A	0.903	5	25	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW2	7440-66-6	213	Zinc	2.72	ug/L	J	SW-846 6010C	2.26	20	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW2	67-64-1	3	Acetone	0.864	ug/L	U	SW-846 8260B	0.864	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	75-05-8	4	Acetonitrile	11.5	ug/L	U	SW-846 8260B	11.5	55	55	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	107-13-1	8	Acrylonitrile	3.04	ug/L	U	SW-846 8260B	3.04	200	200	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	71-43-2	16	Benzene	0.26	ug/L	J	SW-846 8260B	0.113	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	74-97-5	28	Bromochloromethane	0.211	ug/L	U	SW-846 8260B	0.211	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	75-27-4	29	Bromodichloromethane	0.11	ug/L	U	SW-846 8260B	0.11	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	75-25-2	30	Bromoform	0.0974	ug/L	U	SW-846 8260B	0.0974	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	74-83-9	136	Bromomethane	0.237	ug/L	U	SW-846 8260B	0.237	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	78-93-3	141	2-Butanone	0.723	ug/L	U	SW-846 8260B	0.723	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	75-15-0	35	Carbon disulfide	0.106	ug/L	U	SW-846 8260B	0.106	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	56-23-5	36	Carbon tetrachloride	0.101	ug/L	U	SW-846 8260B	0.101	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	108-90-7	39	Chlorobenzene	0.116	ug/L	U	SW-846 8260B	0.116	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	75-00-3	41	Chloroethane	1.01	ug/L	J	SW-846 8260B	0.311	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	67-66-3	44	Chloroform	0.139	ug/L	U	SW-846 8260B	0.139	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	74-87-3	137	Chloromethane	0.448	ug/L	U	SW-846 8260B	0.448	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	124-48-1	66	Dibromochloromethane	0.134	ug/L	U	SW-846 8260B	0.134	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	96-12-8	67	1,2-Dibromo-3-chloropropane	0.748	ug/L	U	SW-846 8260B	0.748	10	13	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	74-95-3	139	Dibromomethane	0.168	ug/L	U	SW-846 8260B	0.168	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	106-93-4	68	1,2-Dibromoethane	0.12	ug/L	U	SW-846 8260B	0.12	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	95-50-1	69	1,2-Dichlorobenzene	0.137	ug/L	U	SW-846 8260B	0.137	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	541-73-1	70	1,3-Dichlorobenzene	0.103	ug/L	U	SW-846 8260B	0.103	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	106-46-7	71	1,4-Dichlorobenzene	0.13	ug/L	U	SW-846 8260B	0.13	5	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	110-57-6	73	trans-1,4-Dichloro-2-butene	0.414	ug/L	U	SW-846 8260B	0.414	50.5	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	75-34-3	75	1,1-Dichloroethane	5.61	ug/L		SW-846 8260B	0.165	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	75-35-4	77	1,1-Dichloroethene	0.98	ug/L	J	SW-846 8260B	0.212	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	107-06-2	76	1,2-Dichloroethane	0.167	ug/L	U	SW-846 8260B	0.167	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	156-59-2	78	cis-1,2-Dichloroethene	0.33	ug/L	J	SW-846 8260B	0.136	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	156-60-5	79	trans-1,2-Dichloroethene	0.223	ug/L	U	SW-846 8260B	0.223	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	78-87-5	82	1,2-Dichloropropane	0.163	ug/L	U	SW-846 8260B	0.163	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	563-58-6	85	1,1-Dichloropropene	0.0863	ug/L	U	SW-846 8260B	0.0863	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	10061-01-5	86	cis-1,3-Dichloropropene	0.0767	ug/L	U	SW-846 8260B	0.0767	1	1	1	6/21/2012	6/26/2012	6/26/2012	481

Facility Permit	Well ID	CAS NUmber	SWS ID	Parameter	Result	Units	Qualifier	Method	MDL	MRL	SWSL	Dilution Factor	Collect Date	Extraction Date	Analysis Date	NC LABORATORY CERTIFICATION NUMBER
0303T	0303T-MW2	10061-02-6	87	trans-1,3-Dichloropropene	0.0862	ug/L	U	SW-846 8260B	0.0862	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	100-41-4	110	Ethyl Benzene	0.0877	ug/L	U	SW-846 8260B	0.0877	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	591-78-6	124	2-Hexanone	0.728	ug/L	U	SW-846 8260B	0.728	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	74-88-4	142	Methyl iodide	0.115	ug/L	U	SW-846 8260B	0.115	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	75-09-2	140	Methylene chloride	11.8	ug/L		SW-846 8260B	0.152	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	108-10-1	147	4-Methyl-2-pentanone	0.558	ug/L	U	SW-846 8260B	0.558	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	100-42-5	186	Styrene	0.102	ug/L	U	SW-846 8260B	0.102	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	630-20-6	190	1,1,1,2-Tetrachloroethane	0.104	ug/L	U	SW-846 8260B	0.104	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	79-34-5	191	1,1,2,2-Tetrachloroethane	0.156	ug/L	U	SW-846 8260B	0.156	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	127-18-4	192	Tetrachloroethene	0.155	ug/L	U	SW-846 8260B	0.155	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	108-88-3	196	Toluene	0.133	ug/L	U	SW-846 8260B	0.133	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	79-01-6	201	Trichloroethene	0.64	ug/L	J	SW-846 8260B	0.125	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	71-55-6	200	1,1,1-Trichloroethane	1.94	ug/L		SW-846 8260B	0.123	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	79-00-5	202	1,1,2-Trichloroethane	0.126	ug/L	U	SW-846 8260B	0.126	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	75-69-4	203	Trichlorofluoromethane	5.04	ug/L		SW-846 8260B	0.137	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	96-18-4	206	1,2,3-Trichloropropane	0.212	ug/L	U	SW-846 8260B	0.212	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	108-05-4	210	Vinyl acetate	0.882	ug/L	U	SW-846 8260B	0.882	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	75-01-4	211	Vinyl chloride	0.124	ug/L	U	SW-846 8260B	0.124	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	136777-61-2	409	m,p-Xylene	0.182	ug/L	U	SW-846 8260B	0.182	2	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW2	95-47-6	408	o-Xylene	0.0874	ug/L	U	SW-846 8260B	0.0874	1	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	7440-36-0	13	Antimony	1.33	ug/L	U	SW-846 6020A	1.33	5	6	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW3	7440-38-2	14	Arsenic	3.69	ug/L	U	SW-846 6010C	3.69	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW3	7440-39-3	15	Barium	256	ug/L		SW-846 6010C	0.394	100	100	1	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW3	7440-41-7	23	Beryllium	0.42	ug/L	J	SW-846 6020A	0.13	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW3	7440-43-9	34	Cadmium	0.031	ug/L	U	SW-846 6020A	0.031	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW3	7440-47-3	51	Chromium	1.58	ug/L	J	SW-846 6010C	1.47	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW3	7440-48-4	53	Cobalt	4.84	ug/L	J	SW-846 6010C	3.39	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW3	7440-50-8	54	Copper	2.78	ug/L	J	SW-846 6010C	0.672	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW3	7439-92-1	131	Lead	5.41	ug/L	U	SW-846 6010C	5.41	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW3	7440-02-0	152	Nickel	3.06	ug/L	U	SW-846 6010C	3.06	10	50	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW3	7782-49-2	183	Selenium	1.43	ug/L	U	SW-846 6020A	1.43	5	10	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW3	7440-22-4	184	Silver	1.05	ug/L	U	SW-846 6010C	1.05	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW3	7440-28-0	194	Thallium	0.641	ug/L	U	SW-846 6020A	0.641	5	5.5	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW3	7440-62-2	209	Vanadium	0.903	ug/L	U	SW-846 6020A	0.903	5	25	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW3	7440-66-6	213	Zinc	16.3	ug/L	J	SW-846 6010C	2.26	20	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW3	67-64-1	3	Acetone	0.864	ug/L	U	SW-846 8260B	0.864	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	75-05-8	4	Acetonitrile	11.5	ug/L	U	SW-846 8260B	11.5	55	55	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	107-13-1	8	Acrylonitrile	3.04	ug/L	U	SW-846 8260B	3.04	200	200	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	71-43-2	16	Benzene	0.69	ug/L	J	SW-846 8260B	0.113	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	74-97-5	28	Bromochloromethane	0.211	ug/L	U	SW-846 8260B	0.211	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	75-27-4	29	Bromodichloromethane	0.11	ug/L	U	SW-846 8260B	0.11	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	75-25-2	30	Bromoform	0.0974	ug/L	U	SW-846 8260B	0.0974	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	74-83-9	136	Bromomethane	0.237	ug/L	U	SW-846 8260B	0.237	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	78-93-3	141	2-Butanone	0.723	ug/L	U	SW-846 8260B	0.723	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	75-15-0	35	Carbon disulfide	6.06	ug/L	J	SW-846 8260B	0.106	100	100	1	6/21/2012	6/27/2012	6/27/2012	481
0303T	0303T-MW3	56-23-5	36	Carbon tetrachloride	0.101	ug/L	U	SW-846 8260B	0.101	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	108-90-7	39	Chlorobenzene	0.116	ug/L	U	SW-846 8260B	0.116	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	75-00-3	41	Chloroethane	1.52	ug/L	J	SW-846 8260B	0.311	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	67-66-3	44	Chloroform	0.139	ug/L	U	SW-846 8260B	0.139	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	74-87-3	137	Chloromethane	0.448	ug/L	U	SW-846 8260B	0.448	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	124-48-1	66	Dibromochloromethane	0.134	ug/L	U	SW-846 8260B	0.134	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	96-12-8	67	1,2-Dibromo-3-chloropropane	0.748	ug/L	U	SW-846 8260B	0.748	10	13	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	74-95-3	139	Dibromomethane	0.168	ug/L	U	SW-846 8260B	0.168	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	106-93-4	68	1,2-Dibromoethane	0.12	ug/L	U	SW-846 8260B	0.12	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	95-50-1	69	1,2-Dichlorobenzene	0.137	ug/L	U	SW-846 8260B	0.137	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	541-73-1	70	1,3-Dichlorobenzene	0.103	ug/L	U	SW-846 8260B	0.103	5	5	1	6/21/2012	6/26/2012	6/26/2012	481

Facility Permit	Well ID	CAS NUmber	SWS ID	Parameter	Result	Units	Qualifier	Method	MDL	MRL	SWSL	Dilution Factor	Collect Date	Extraction Date	Analysis Date	NC LABORATORY CERTIFICATION NUMBER
0303T	0303T-MW3	106-46-7	71	1,4-Dichlorobenzene	0.13	ug/L	U	SW-846 8260B	0.13	5	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	110-57-6	73	trans-1,4-Dichloro-2-butene	0.414	ug/L	U	SW-846 8260B	0.414	50.5	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	75-34-3	75	1,1-Dichloroethane	0.44	ug/L	J	SW-846 8260B	0.165	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	75-35-4	77	1,1-Dichloroethene	0.212	ug/L	U	SW-846 8260B	0.212	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	107-06-2	76	1,2-Dichloroethane	0.167	ug/L	U	SW-846 8260B	0.167	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	156-59-2	78	cis-1,2-Dichloroethene	6.14	ug/L		SW-846 8260B	0.136	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	156-60-5	79	trans-1,2-Dichloroethene	0.223	ug/L	U	SW-846 8260B	0.223	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	78-87-5	82	1,2-Dichloropropane	0.163	ug/L	U	SW-846 8260B	0.163	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	563-58-6	85	1,1-Dichloropropene	0.0863	ug/L	U	SW-846 8260B	0.0863	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	10061-01-5	86	cis-1,3-Dichloropropene	0.0767	ug/L	U	SW-846 8260B	0.0767	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	10061-02-6	87	trans-1,3-Dichloropropene	0.0862	ug/L	U	SW-846 8260B	0.0862	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	100-41-4	110	Ethyl Benzene	0.0877	ug/L	U	SW-846 8260B	0.0877	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	591-78-6	124	2-Hexanone	0.728	ug/L	U	SW-846 8260B	0.728	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	74-88-4	142	Methyl iodide	0.115	ug/L	U	SW-846 8260B	0.115	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	75-09-2	140	Methylene chloride	0.38	ug/L	J	SW-846 8260B	0.152	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	108-10-1	147	4-Methyl-2-pentanone	0.558	ug/L	U	SW-846 8260B	0.558	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	100-42-5	186	Styrene	0.102	ug/L	U	SW-846 8260B	0.102	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	630-20-6	190	1,1,1,2-Tetrachloroethane	0.104	ug/L	U	SW-846 8260B	0.104	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	79-34-5	191	1,1,2,2-Tetrachloroethane	0.156	ug/L	U	SW-846 8260B	0.156	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	127-18-4	192	Tetrachloroethene	0.155	ug/L	U	SW-846 8260B	0.155	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	108-88-3	196	Toluene	0.133	ug/L	U	SW-846 8260B	0.133	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	79-01-6	201	Trichloroethene	0.55	ug/L	J	SW-846 8260B	0.125	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	71-55-6	200	1,1,1-Trichloroethane	0.123	ug/L	U	SW-846 8260B	0.123	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	79-00-5	202	1,1,2-Trichloroethane	0.126	ug/L	U	SW-846 8260B	0.126	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	75-69-4	203	Trichlorofluoromethane	0.137	ug/L	U	SW-846 8260B	0.137	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	96-18-4	206	1,2,3-Trichloropropane	0.212	ug/L	U	SW-846 8260B	0.212	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	108-05-4	210	Vinyl acetate	0.882	ug/L	U	SW-846 8260B	0.882	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	75-01-4	211	Vinyl chloride	0.47	ug/L	J	SW-846 8260B	0.124	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	136777-61-2	409	m,p-Xylene	0.182	ug/L	U	SW-846 8260B	0.182	2	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW3	95-47-6	408	o-Xylene	0.0874	ug/L	U	SW-846 8260B	0.0874	1	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	7440-36-0	13	Antimony	1.33	ug/L	U	SW-846 6020A	1.33	5	6	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW4	7440-38-2	14	Arsenic	3.69	ug/L	U	SW-846 6010C	3.69	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW4	7440-39-3	15	Barium	147	ug/L		SW-846 6010C	0.394	100	100	1	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW4	7440-41-7	23	Beryllium	0.13	ug/L	U	SW-846 6020A	0.13	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW4	7440-43-9	34	Cadmium	0.34	ug/L	J	SW-846 6020A	0.031	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW4	7440-47-3	51	Chromium	1.47	ug/L	U	SW-846 6010C	1.47	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW4	7440-48-4	53	Cobalt	3.39	ug/L	U	SW-846 6010C	3.39	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW4	7440-50-8	54	Copper	3.45	ug/L	J	SW-846 6010C	0.672	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW4	7439-92-1	131	Lead	5.41	ug/L	U	SW-846 6010C	5.41	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW4	7440-02-0	152	Nickel	3.06	ug/L	U	SW-846 6010C	3.06	10	50	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW4	7782-49-2	183	Selenium	1.43	ug/L	U	SW-846 6020A	1.43	5	10	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW4	7440-22-4	184	Silver	1.05	ug/L	U	SW-846 6010C	1.05	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW4	7440-28-0	194	Thallium	0.641	ug/L	U	SW-846 6020A	0.641	5	5.5	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW4	7440-62-2	209	Vanadium	0.903	ug/L	U	SW-846 6020A	0.903	5	25	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW4	7440-66-6	213	Zinc	3.31	ug/L	J	SW-846 6010C	2.26	20	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW4	67-64-1	3	Acetone	0.864	ug/L	U	SW-846 8260B	0.864	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	75-05-8	4	Acetonitrile	11.5	ug/L	U	SW-846 8260B	11.5	55	55	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	107-13-1	8	Acrylonitrile	3.04	ug/L	U	SW-846 8260B	3.04	200	200	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	71-43-2	16	Benzene	0.113	ug/L	U	SW-846 8260B	0.113	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	74-97-5	28	Bromochloromethane	0.211	ug/L	U	SW-846 8260B	0.211	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	75-27-4	29	Bromodichloromethane	0.11	ug/L	U	SW-846 8260B	0.11	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	75-25-2	30	Bromoform	0.0974	ug/L	U	SW-846 8260B	0.0974	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	74-83-9	136	Bromomethane	0.237	ug/L	U	SW-846 8260B	0.237	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	78-93-3	141	2-Butanone	0.723	ug/L	U	SW-846 8260B	0.723	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	75-15-0	35	Carbon disulfide	2.33	ug/L	J	SW-846 8260B	0.106	100	100	1	6/21/2012	6/27/2012	6/27/2012	481
0303T	0303T-MW4	56-23-5	36	Carbon tetrachloride	0.101	ug/L	U	SW-846 8260B	0.101	1	1	1	6/21/2012	6/26/2012	6/26/2012	481

Facility Permit	Well ID	CAS NUmber	SWS ID	Parameter	Result	Units	Qualifier	Method	MDL	MRL	SWSL	Dilution Factor	Collect Date	Extraction Date	Analysis Date	NC LABORATORY CERTIFICATION NUMBER
0303T	0303T-MW4	108-90-7	39	Chlorobenzene	0.116	ug/L	U	SW-846 8260B	0.116	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	75-00-3	41	Chloroethane	0.311	ug/L	U	SW-846 8260B	0.311	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	67-66-3	44	Chloroform	0.139	ug/L	U	SW-846 8260B	0.139	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	74-87-3	137	Chloromethane	0.448	ug/L	U	SW-846 8260B	0.448	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	124-48-1	66	Dibromochloromethane	0.134	ug/L	U	SW-846 8260B	0.134	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	96-12-8	67	1,2-Dibromo-3-chloropropane	0.748	ug/L	U	SW-846 8260B	0.748	10	13	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	74-95-3	139	Dibromomethane	0.168	ug/L	U	SW-846 8260B	0.168	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	106-93-4	68	1,2-Dibromoethane	0.12	ug/L	U	SW-846 8260B	0.12	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	95-50-1	69	1,2-Dichlorobenzene	0.137	ug/L	U	SW-846 8260B	0.137	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	541-73-1	70	1,3-Dichlorobenzene	0.103	ug/L	U	SW-846 8260B	0.103	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	106-46-7	71	1,4-Dichlorobenzene	0.13	ug/L	U	SW-846 8260B	0.13	5	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	110-57-6	73	trans-1,4-Dichloro-2-butene	0.414	ug/L	U	SW-846 8260B	0.414	50.5	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	75-34-3	75	1,1-Dichloroethane	0.165	ug/L	U	SW-846 8260B	0.165	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	75-35-4	77	1,1-Dichloroethene	0.212	ug/L	U	SW-846 8260B	0.212	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	107-06-2	76	1,2-Dichloroethane	0.167	ug/L	U	SW-846 8260B	0.167	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	156-59-2	78	cis-1,2-Dichloroethene	0.136	ug/L	U	SW-846 8260B	0.136	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	156-60-5	79	trans-1,2-Dichloroethene	0.223	ug/L	U	SW-846 8260B	0.223	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	78-87-5	82	1,2-Dichloropropane	0.163	ug/L	U	SW-846 8260B	0.163	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	563-58-6	85	1,1-Dichloropropene	0.0863	ug/L	U	SW-846 8260B	0.0863	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	10061-01-5	86	cis-1,3-Dichloropropene	0.0767	ug/L	U	SW-846 8260B	0.0767	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	10061-02-6	87	trans-1,3-Dichloropropene	0.0862	ug/L	U	SW-846 8260B	0.0862	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	100-41-4	110	Ethyl Benzene	0.0877	ug/L	U	SW-846 8260B	0.0877	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	591-78-6	124	2-Hexanone	0.728	ug/L	U	SW-846 8260B	0.728	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	74-88-4	142	Methyl iodide	0.115	ug/L	U	SW-846 8260B	0.115	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	75-09-2	140	Methylene chloride	0.152	ug/L	U	SW-846 8260B	0.152	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	108-10-1	147	4-Methyl-2-pentanone	0.558	ug/L	U	SW-846 8260B	0.558	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	100-42-5	186	Styrene	0.102	ug/L	U	SW-846 8260B	0.102	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	630-20-6	190	1,1,1,2-Tetrachloroethane	0.104	ug/L	U	SW-846 8260B	0.104	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	79-34-5	191	1,1,2,2-Tetrachloroethane	0.156	ug/L	U	SW-846 8260B	0.156	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	127-18-4	192	Tetrachloroethene	0.155	ug/L	U	SW-846 8260B	0.155	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	108-88-3	196	Toluene	0.133	ug/L	U	SW-846 8260B	0.133	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	79-01-6	201	Trichloroethene	0.125	ug/L	U	SW-846 8260B	0.125	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	71-55-6	200	1,1,1-Trichloroethane	0.123	ug/L	U	SW-846 8260B	0.123	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	79-00-5	202	1,1,2-Trichloroethane	0.126	ug/L	U	SW-846 8260B	0.126	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	75-69-4	203	Trichlorofluoromethane	0.137	ug/L	U	SW-846 8260B	0.137	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	96-18-4	206	1,2,3-Trichloropropane	0.212	ug/L	U	SW-846 8260B	0.212	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	108-05-4	210	Vinyl acetate	0.882	ug/L	U	SW-846 8260B	0.882	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	75-01-4	211	Vinyl chloride	0.124	ug/L	U	SW-846 8260B	0.124	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	136777-61-2	409	m,p-Xylene	0.182	ug/L	U	SW-846 8260B	0.182	2	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW4	95-47-6	408	o-Xylene	0.0874	ug/L	U	SW-846 8260B	0.0874	1	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	7440-36-0	13	Antimony	1.33	ug/L	U	SW-846 6020A	1.33	5	6	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW5	7440-38-2	14	Arsenic	3.69	ug/L	U	SW-846 6010C	3.69	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW5	7440-39-3	15	Barium	26	ug/L	J	SW-846 6010C	0.394	100	100	1	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW5	7440-41-7	23	Beryllium	0.13	ug/L	U	SW-846 6020A	0.13	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW5	7440-43-9	34	Cadmium	0.031	ug/L	U	SW-846 6020A	0.031	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW5	7440-47-3	51	Chromium	1.47	ug/L	U	SW-846 6010C	1.47	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW5	7440-48-4	53	Cobalt	3.39	ug/L	U	SW-846 6010C	3.39	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW5	7440-50-8	54	Copper	2.95	ug/L	J	SW-846 6010C	0.672	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW5	7439-92-1	131	Lead	5.41	ug/L	U	SW-846 6010C	5.41	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW5	7440-02-0	152	Nickel	3.06	ug/L	U	SW-846 6010C	3.06	10	50	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW5	7782-49-2	183	Selenium	1.43	ug/L	U	SW-846 6020A	1.43	5	10	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW5	7440-22-4	184	Silver	1.05	ug/L	U	SW-846 6010C	1.05	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW5	7440-28-0	194	Thallium	0.641	ug/L	U	SW-846 6020A	0.641	5	5.5	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW5	7440-62-2	209	Vanadium	0.903	ug/L	U	SW-846 6020A	0.903	5	25	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-MW5	7440-66-6	213	Zinc	4.4	ug/L	J	SW-846 6010C	2.26	20	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-MW5	67-64-1	3	Acetone	0.864	ug/L	U	SW-846 8260B	0.864	100	100	1	6/21/2012	6/26/2012	6/26/2012	481

Facility Permit	Well ID	CAS NUmber	SWS ID	Parameter	Result	Units	Qualifier	Method	MDL	MRL	SWSL	Dilution Factor	Collect Date	Extraction Date	Analysis Date	NC LABORATORY CERTIFICATION NUMBER
0303T	0303T-MW5	75-05-8	4	Acetonitrile	11.5	ug/L	U	SW-846 8260B	11.5	55	55	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	107-13-1	8	Acrylonitrile	3.04	ug/L	U	SW-846 8260B	3.04	200	200	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	71-43-2	16	Benzene	0.113	ug/L	U	SW-846 8260B	0.113	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	74-97-5	28	Bromochloromethane	0.211	ug/L	U	SW-846 8260B	0.211	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	75-27-4	29	Bromodichloromethane	0.11	ug/L	U	SW-846 8260B	0.11	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	75-25-2	30	Bromoform	0.0974	ug/L	U	SW-846 8260B	0.0974	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	74-83-9	136	Bromomethane	0.237	ug/L	U	SW-846 8260B	0.237	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	78-93-3	141	2-Butanone	0.723	ug/L	U	SW-846 8260B	0.723	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	75-15-0	35	Carbon disulfide	0.86	ug/L	J	SW-846 8260B	0.106	100	100	1	6/21/2012	6/27/2012	6/27/2012	481
0303T	0303T-MW5	56-23-5	36	Carbon tetrachloride	0.101	ug/L	U	SW-846 8260B	0.101	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	108-90-7	39	Chlorobenzene	0.116	ug/L	U	SW-846 8260B	0.116	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	75-00-3	41	Chloroethane	0.311	ug/L	U	SW-846 8260B	0.311	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	67-66-3	44	Chloroform	0.139	ug/L	U	SW-846 8260B	0.139	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	74-87-3	137	Chloromethane	0.448	ug/L	U	SW-846 8260B	0.448	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	124-48-1	66	Dibromochloromethane	0.134	ug/L	U	SW-846 8260B	0.134	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	96-12-8	67	1,2-Dibromo-3-chloropropane	0.748	ug/L	U	SW-846 8260B	0.748	10	13	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	74-95-3	139	Dibromomethane	0.168	ug/L	U	SW-846 8260B	0.168	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	106-93-4	68	1,2-Dibromoethane	0.12	ug/L	U	SW-846 8260B	0.12	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	95-50-1	69	1,2-Dichlorobenzene	0.137	ug/L	U	SW-846 8260B	0.137	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	541-73-1	70	1,3-Dichlorobenzene	0.103	ug/L	U	SW-846 8260B	0.103	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	106-46-7	71	1,4-Dichlorobenzene	0.13	ug/L	U	SW-846 8260B	0.13	5	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	110-57-6	73	trans-1,4-Dichloro-2-butene	0.414	ug/L	U	SW-846 8260B	0.414	50.5	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	75-34-3	75	1,1-Dichloroethane	0.165	ug/L	U	SW-846 8260B	0.165	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	75-35-4	77	1,1-Dichloroethene	0.212	ug/L	U	SW-846 8260B	0.212	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	107-06-2	76	1,2-Dichloroethane	0.167	ug/L	U	SW-846 8260B	0.167	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	156-59-2	78	cis-1,2-Dichloroethene	0.136	ug/L	U	SW-846 8260B	0.136	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	156-60-5	79	trans-1,2-Dichloroethene	0.223	ug/L	U	SW-846 8260B	0.223	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	78-87-5	82	1,2-Dichloropropane	0.163	ug/L	U	SW-846 8260B	0.163	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	563-58-6	85	1,1-Dichloropropene	0.0863	ug/L	U	SW-846 8260B	0.0863	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	10061-01-5	86	cis-1,3-Dichloropropene	0.0767	ug/L	U	SW-846 8260B	0.0767	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	10061-02-6	87	trans-1,3-Dichloropropene	0.0862	ug/L	U	SW-846 8260B	0.0862	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	100-41-4	110	Ethyl Benzene	0.0877	ug/L	U	SW-846 8260B	0.0877	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	591-78-6	124	2-Hexanone	0.728	ug/L	U	SW-846 8260B	0.728	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	74-88-4	142	Methyl iodide	0.115	ug/L	U	SW-846 8260B	0.115	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	75-09-2	140	Methylene chloride	0.152	ug/L	U	SW-846 8260B	0.152	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	108-10-1	147	4-Methyl-2-pentanone	0.558	ug/L	U	SW-846 8260B	0.558	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	100-42-5	186	Styrene	0.102	ug/L	U	SW-846 8260B	0.102	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	630-20-6	190	1,1,1,2-Tetrachloroethane	0.104	ug/L	U	SW-846 8260B	0.104	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	79-34-5	191	1,1,2,2-Tetrachloroethane	0.156	ug/L	U	SW-846 8260B	0.156	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	127-18-4	192	Tetrachloroethene	0.155	ug/L	U	SW-846 8260B	0.155	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	108-88-3	196	Toluene	0.133	ug/L	U	SW-846 8260B	0.133	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	79-01-6	201	Trichloroethene	0.125	ug/L	U	SW-846 8260B	0.125	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	71-55-6	200	1,1,1-Trichloroethane	0.123	ug/L	U	SW-846 8260B	0.123	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	79-00-5	202	1,1,2-Trichloroethane	0.126	ug/L	U	SW-846 8260B	0.126	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	75-69-4	203	Trichlorofluoromethane	0.137	ug/L	U	SW-846 8260B	0.137	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	96-18-4	206	1,2,3-Trichloropropane	0.212	ug/L	U	SW-846 8260B	0.212	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	108-05-4	210	Vinyl acetate	0.882	ug/L	U	SW-846 8260B	0.882	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	75-01-4	211	Vinyl chloride	0.124	ug/L	U	SW-846 8260B	0.124	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	136777-61-2	409	m,p-Xylene	0.182	ug/L	U	SW-846 8260B	0.182	2	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-MW5	95-47-6	408	o-Xylene	0.0874	ug/L	U	SW-846 8260B	0.0874	1	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	7440-36-0	13	Antimony	1.33	ug/L	U	SW-846 6020A	1.33	5	6	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST1	7440-38-2	14	Arsenic	3.69	ug/L	U	SW-846 6010C	3.69	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST1	7440-39-3	15	Barium	37.2	ug/L	J	SW-846 6010C	0.394	100	100	1	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST1	7440-41-7	23	Beryllium	0.13	ug/L	U	SW-846 6020A	0.13	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST1	7440-43-9	34	Cadmium	0.031	ug/L	U	SW-846 6020A	0.031	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST1	7440-47-3	51	Chromium	1.47	ug/L	U	SW-846 6010C	1.47	10	10	1	6/21/2012	6/25/2012	6/25/2012	481

Facility Permit	Well ID	CAS NUmber	SWS ID	Parameter	Result	Units	Qualifier	Method	MDL	MRL	SWSL	Dilution Factor	Collect Date	Extraction Date	Analysis Date	NC LABORATORY CERTIFICATION NUMBER
0303T	0303T-ST1	7440-48-4	53	Cobalt	3.39	ug/L	U	SW-846 6010C	3.39	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST1	7440-50-8	54	Copper	3.31	ug/L	J	SW-846 6010C	0.672	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST1	7439-92-1	131	Lead	5.46	ug/L	J	SW-846 6010C	5.41	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST1	7440-02-0	152	Nickel	3.06	ug/L	U	SW-846 6010C	3.06	10	50	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST1	7782-49-2	183	Selenium	1.43	ug/L	U	SW-846 6020A	1.43	5	10	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST1	7440-22-4	184	Silver	1.05	ug/L	U	SW-846 6010C	1.05	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST1	7440-28-0	194	Thallium	0.641	ug/L	U	SW-846 6020A	0.641	5	5.5	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST1	7440-62-2	209	Vanadium	0.903	ug/L	U	SW-846 6020A	0.903	5	25	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST1	7440-66-6	213	Zinc	8.9	ug/L	J	SW-846 6010C	2.26	20	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST1	67-64-1	3	Acetone	0.864	ug/L	U	SW-846 8260B	0.864	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	75-05-8	4	Acetonitrile	11.5	ug/L	U	SW-846 8260B	11.5	55	55	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	107-13-1	8	Acrylonitrile	3.04	ug/L	U	SW-846 8260B	3.04	200	200	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	71-43-2	16	Benzene	0.113	ug/L	U	SW-846 8260B	0.113	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	74-97-5	28	Bromochloromethane	0.211	ug/L	U	SW-846 8260B	0.211	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	75-27-4	29	Bromodichloromethane	0.11	ug/L	U	SW-846 8260B	0.11	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	75-25-2	30	Bromoform	0.0974	ug/L	U	SW-846 8260B	0.0974	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	74-83-9	136	Bromomethane	0.237	ug/L	U	SW-846 8260B	0.237	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	78-93-3	141	2-Butanone	0.723	ug/L	U	SW-846 8260B	0.723	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	75-15-0	35	Carbon disulfide	0.106	ug/L	U	SW-846 8260B	0.106	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	56-23-5	36	Carbon tetrachloride	0.101	ug/L	U	SW-846 8260B	0.101	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	108-90-7	39	Chlorobenzene	0.116	ug/L	U	SW-846 8260B	0.116	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	75-00-3	41	Chloroethane	0.311	ug/L	U	SW-846 8260B	0.311	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	67-66-3	44	Chloroform	0.139	ug/L	U	SW-846 8260B	0.139	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	74-87-3	137	Chloromethane	0.448	ug/L	U	SW-846 8260B	0.448	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	124-48-1	66	Dibromochloromethane	0.134	ug/L	U	SW-846 8260B	0.134	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	96-12-8	67	1,2-Dibromo-3-chloropropane	0.748	ug/L	U	SW-846 8260B	0.748	10	13	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	74-95-3	139	Dibromomethane	0.168	ug/L	U	SW-846 8260B	0.168	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	106-93-4	68	1,2-Dibromoethane	0.12	ug/L	U	SW-846 8260B	0.12	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	95-50-1	69	1,2-Dichlorobenzene	0.137	ug/L	U	SW-846 8260B	0.137	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	541-73-1	70	1,3-Dichlorobenzene	0.103	ug/L	U	SW-846 8260B	0.103	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	106-46-7	71	1,4-Dichlorobenzene	0.13	ug/L	U	SW-846 8260B	0.13	5	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	110-57-6	73	trans-1,4-Dichloro-2-butene	0.414	ug/L	U	SW-846 8260B	0.414	50.5	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	75-34-3	75	1,1-Dichloroethane	0.165	ug/L	U	SW-846 8260B	0.165	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	75-35-4	77	1,1-Dichloroethene	0.212	ug/L	U	SW-846 8260B	0.212	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	107-06-2	76	1,2-Dichloroethane	0.167	ug/L	U	SW-846 8260B	0.167	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	156-59-2	78	cis-1,2-Dichloroethene	0.136	ug/L	U	SW-846 8260B	0.136	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	156-60-5	79	trans-1,2-Dichloroethene	0.223	ug/L	U	SW-846 8260B	0.223	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	78-87-5	82	1,2-Dichloropropane	0.163	ug/L	U	SW-846 8260B	0.163	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	563-58-6	85	1,1-Dichloropropene	0.0863	ug/L	U	SW-846 8260B	0.0863	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	10061-01-5	86	cis-1,3-Dichloropropene	0.0767	ug/L	U	SW-846 8260B	0.0767	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	10061-02-6	87	trans-1,3-Dichloropropene	0.0862	ug/L	U	SW-846 8260B	0.0862	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	100-41-4	110	Ethyl Benzene	0.0877	ug/L	U	SW-846 8260B	0.0877	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	591-78-6	124	2-Hexanone	0.728	ug/L	U	SW-846 8260B	0.728	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	74-88-4	142	Methyl iodide	0.115	ug/L	U	SW-846 8260B	0.115	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	75-09-2	140	Methylene chloride	0.152	ug/L	U	SW-846 8260B	0.152	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	108-10-1	147	4-Methyl-2-pentanone	0.558	ug/L	U	SW-846 8260B	0.558	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	100-42-5	186	Styrene	0.102	ug/L	U	SW-846 8260B	0.102	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	630-20-6	190	1,1,1,2-Tetrachloroethane	0.104	ug/L	U	SW-846 8260B	0.104	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	79-34-5	191	1,1,2,2-Tetrachloroethane	0.156	ug/L	U	SW-846 8260B	0.156	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	127-18-4	192	Tetrachloroethene	0.155	ug/L	U	SW-846 8260B	0.155	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	108-88-3	196	Toluene	0.133	ug/L	U	SW-846 8260B	0.133	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	79-01-6	201	Trichloroethene	0.125	ug/L	U	SW-846 8260B	0.125	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	71-55-6	200	1,1,1-Trichloroethane	0.123	ug/L	U	SW-846 8260B	0.123	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	79-00-5	202	1,1,2-Trichloroethane	0.126	ug/L	U	SW-846 8260B	0.126	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	75-69-4	203	Trichlorofluoromethane	0.137	ug/L	U	SW-846 8260B	0.137	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	96-18-4	206	1,2,3-Trichloropropane	0.212	ug/L	U	SW-846 8260B	0.212	1	1	1	6/21/2012	6/26/2012	6/26/2012	481

Facility Permit	Well ID	CAS NUmber	SWS ID	Parameter	Result	Units	Qualifier	Method	MDL	MRL	SWSL	Dilution Factor	Collect Date	Extraction Date	Analysis Date	NC LABORATORY CERTIFICATION NUMBER
0303T	0303T-ST1	108-05-4	210	Vinyl acetate	0.882	ug/L	U	SW-846 8260B	0.882	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	75-01-4	211	Vinyl chloride	0.124	ug/L	U	SW-846 8260B	0.124	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	136777-61-2	409	m,p-Xylene	0.182	ug/L	U	SW-846 8260B	0.182	2	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST1	95-47-6	408	o-Xylene	0.0874	ug/L	U	SW-846 8260B	0.0874	1	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	7440-36-0	13	Antimony	1.33	ug/L	U	SW-846 6020A	1.33	5	6	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST2	7440-38-2	14	Arsenic	3.69	ug/L	U	SW-846 6010C	3.69	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST2	7440-39-3	15	Barium	26.3	ug/L	J	SW-846 6010C	0.394	100	100	1	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST2	7440-41-7	23	Beryllium	0.13	ug/L	U	SW-846 6020A	0.13	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST2	7440-43-9	34	Cadmium	0.031	ug/L	U	SW-846 6020A	0.031	1	1	2	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST2	7440-47-3	51	Chromium	2.04	ug/L	J	SW-846 6010C	1.47	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST2	7440-48-4	53	Cobalt	3.39	ug/L	U	SW-846 6010C	3.39	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST2	7440-50-8	54	Copper	4.3	ug/L	J	SW-846 6010C	0.672	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST2	7439-92-1	131	Lead	5.54	ug/L	J	SW-846 6010C	5.41	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST2	7440-02-0	152	Nickel	3.06	ug/L	U	SW-846 6010C	3.06	10	50	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST2	7782-49-2	183	Selenium	1.43	ug/L	U	SW-846 6020A	1.43	5	10	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST2	7440-22-4	184	Silver	1.05	ug/L	U	SW-846 6010C	1.05	10	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST2	7440-28-0	194	Thallium	0.641	ug/L	U	SW-846 6020A	0.641	5	5.5	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST2	7440-62-2	209	Vanadium	1	ug/L	J	SW-846 6020A	0.903	5	25	10	6/21/2012	6/25/2012	6/26/2012	481
0303T	0303T-ST2	7440-66-6	213	Zinc	4.69	ug/L	J	SW-846 6010C	2.26	20	10	1	6/21/2012	6/25/2012	6/25/2012	481
0303T	0303T-ST2	67-64-1	3	Acetone	0.864	ug/L	U	SW-846 8260B	0.864	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	75-05-8	4	Acetonitrile	11.5	ug/L	U	SW-846 8260B	11.5	55	55	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	107-13-1	8	Acrylonitrile	3.04	ug/L	U	SW-846 8260B	3.04	200	200	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	71-43-2	16	Benzene	0.113	ug/L	U	SW-846 8260B	0.113	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	74-97-5	28	Bromochloromethane	0.211	ug/L	U	SW-846 8260B	0.211	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	75-27-4	29	Bromodichloromethane	0.11	ug/L	U	SW-846 8260B	0.11	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	75-25-2	30	Bromoform	0.0974	ug/L	U	SW-846 8260B	0.0974	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	74-83-9	136	Bromomethane	0.237	ug/L	U	SW-846 8260B	0.237	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	78-93-3	141	2-Butanone	0.723	ug/L	U	SW-846 8260B	0.723	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	75-15-0	35	Carbon disulfide	5	ug/L	J	SW-846 8260B	0.106	100	100	1	6/21/2012	6/27/2012	6/27/2012	481
0303T	0303T-ST2	56-23-5	36	Carbon tetrachloride	0.101	ug/L	U	SW-846 8260B	0.101	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	108-90-7	39	Chlorobenzene	0.116	ug/L	U	SW-846 8260B	0.116	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	75-00-3	41	Chloroethane	0.311	ug/L	U	SW-846 8260B	0.311	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	67-66-3	44	Chloroform	0.139	ug/L	U	SW-846 8260B	0.139	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	74-87-3	137	Chloromethane	0.448	ug/L	U	SW-846 8260B	0.448	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	124-48-1	66	Dibromochloromethane	0.134	ug/L	U	SW-846 8260B	0.134	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	96-12-8	67	1,2-Dibromo-3-chloropropane	0.748	ug/L	U	SW-846 8260B	0.748	10	13	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	74-95-3	139	Dibromomethane	0.168	ug/L	U	SW-846 8260B	0.168	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	106-93-4	68	1,2-Dibromoethane	0.12	ug/L	U	SW-846 8260B	0.12	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	95-50-1	69	1,2-Dichlorobenzene	0.137	ug/L	U	SW-846 8260B	0.137	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	541-73-1	70	1,3-Dichlorobenzene	0.103	ug/L	U	SW-846 8260B	0.103	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	106-46-7	71	1,4-Dichlorobenzene	0.13	ug/L	U	SW-846 8260B	0.13	5	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	110-57-6	73	trans-1,4-Dichloro-2-butene	0.414	ug/L	U	SW-846 8260B	0.414	50.5	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	75-34-3	75	1,1-Dichloroethane	0.165	ug/L	U	SW-846 8260B	0.165	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	75-35-4	77	1,1-Dichloroethene	0.212	ug/L	U	SW-846 8260B	0.212	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	107-06-2	76	1,2-Dichloroethane	0.167	ug/L	U	SW-846 8260B	0.167	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	156-59-2	78	cis-1,2-Dichloroethene	0.136	ug/L	U	SW-846 8260B	0.136	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	156-60-5	79	trans-1,2-Dichloroethene	0.223	ug/L	U	SW-846 8260B	0.223	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	78-87-5	82	1,2-Dichloropropane	0.163	ug/L	U	SW-846 8260B	0.163	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	563-58-6	85	1,1-Dichloropropene	0.0863	ug/L	U	SW-846 8260B	0.0863	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	10061-01-5	86	cis-1,3-Dichloropropene	0.0767	ug/L	U	SW-846 8260B	0.0767	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	10061-02-6	87	trans-1,3-Dichloropropene	0.0862	ug/L	U	SW-846 8260B	0.0862	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	100-41-4	110	Ethyl Benzene	0.0877	ug/L	U	SW-846 8260B	0.0877	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	591-78-6	124	2-Hexanone	0.728	ug/L	U	SW-846 8260B	0.728	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	74-88-4	142	Methyl iodide	0.115	ug/L	U	SW-846 8260B	0.115	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	75-09-2	140	Methylene chloride	0.152	ug/L	U	SW-846 8260B	0.152	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	108-10-1	147	4-Methyl-2-pentanone	0.558	ug/L	U	SW-846 8260B	0.558	100	100	1	6/21/2012	6/26/2012	6/26/2012	481

Facility Permit	Well ID	CAS NUmber	SWS ID	Parameter	Result	Units	Qualifier	Method	MDL	MRL	SWSL	Dilution Factor	Collect Date	Extraction Date	Analysis Date	NC LABORATORY CERTIFICATION NUMBER
0303T	0303T-ST2	100-42-5	186	Styrene	0.102	ug/L	U	SW-846 8260B	0.102	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	630-20-6	190	1,1,1,2-Tetrachloroethane	0.104	ug/L	U	SW-846 8260B	0.104	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	79-34-5	191	1,1,2,2-Tetrachloroethane	0.156	ug/L	U	SW-846 8260B	0.156	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	127-18-4	192	Tetrachloroethene	0.155	ug/L	U	SW-846 8260B	0.155	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	108-88-3	196	Toluene	0.133	ug/L	U	SW-846 8260B	0.133	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	79-01-6	201	Trichloroethene	0.125	ug/L	U	SW-846 8260B	0.125	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	71-55-6	200	1,1,1-Trichloroethane	0.123	ug/L	U	SW-846 8260B	0.123	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	79-00-5	202	1,1,2-Trichloroethane	0.126	ug/L	U	SW-846 8260B	0.126	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	75-69-4	203	Trichlorofluoromethane	0.137	ug/L	U	SW-846 8260B	0.137	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	96-18-4	206	1,2,3-Trichloropropane	0.212	ug/L	U	SW-846 8260B	0.212	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	108-05-4	210	Vinyl acetate	0.882	ug/L	U	SW-846 8260B	0.882	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	75-01-4	211	Vinyl chloride	0.124	ug/L	U	SW-846 8260B	0.124	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	136777-61-2	409	m,p-Xylene	0.182	ug/L	U	SW-846 8260B	0.182	2	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	0303T-ST2	95-47-6	408	o-Xylene	0.0874	ug/L	U	SW-846 8260B	0.0874	1	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	67-64-1	3	Acetone	0.864	ug/L	U	SW-846 8260B	0.864	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	75-05-8	4	Acetonitrile	11.5	ug/L	U	SW-846 8260B	11.5	55	55	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	107-13-1	8	Acrylonitrile	3.04	ug/L	U	SW-846 8260B	3.04	200	200	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	71-43-2	16	Benzene	0.113	ug/L	U	SW-846 8260B	0.113	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	74-97-5	28	Bromochloromethane	0.211	ug/L	U	SW-846 8260B	0.211	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	75-27-4	29	Bromodichloromethane	0.11	ug/L	U	SW-846 8260B	0.11	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	75-25-2	30	Bromoform	0.0974	ug/L	U	SW-846 8260B	0.0974	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	74-83-9	136	Bromomethane	0.237	ug/L	U	SW-846 8260B	0.237	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	78-93-3	141	2-Butanone	0.723	ug/L	U	SW-846 8260B	0.723	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	75-15-0	35	Carbon disulfide	0.106	ug/L	U	SW-846 8260B	0.106	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	56-23-5	36	Carbon tetrachloride	0.101	ug/L	U	SW-846 8260B	0.101	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	108-90-7	39	Chlorobenzene	0.116	ug/L	U	SW-846 8260B	0.116	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	75-00-3	41	Chloroethane	0.311	ug/L	U	SW-846 8260B	0.311	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	67-66-3	44	Chloroform	0.139	ug/L	U	SW-846 8260B	0.139	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	74-87-3	137	Chloromethane	0.448	ug/L	U	SW-846 8260B	0.448	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	124-48-1	66	Dibromochloromethane	0.134	ug/L	U	SW-846 8260B	0.134	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	96-12-8	67	1,2-Dibromo-3-chloropropane	0.748	ug/L	U	SW-846 8260B	0.748	10	13	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	74-95-3	139	Dibromomethane	0.168	ug/L	U	SW-846 8260B	0.168	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	106-93-4	68	1,2-Dibromoethane	0.12	ug/L	U	SW-846 8260B	0.12	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	95-50-1	69	1,2-Dichlorobenzene	0.137	ug/L	U	SW-846 8260B	0.137	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	541-73-1	70	1,3-Dichlorobenzene	0.103	ug/L	U	SW-846 8260B	0.103	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	106-46-7	71	1,4-Dichlorobenzene	0.13	ug/L	U	SW-846 8260B	0.13	5	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	110-57-6	73	trans-1,4-Dichloro-2-butene	0.414	ug/L	U	SW-846 8260B	0.414	50.5	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	75-34-3	75	1,1-Dichloroethane	0.165	ug/L	U	SW-846 8260B	0.165	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	75-35-4	77	1,1-Dichloroethene	0.212	ug/L	U	SW-846 8260B	0.212	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	107-06-2	76	1,2-Dichloroethane	0.167	ug/L	U	SW-846 8260B	0.167	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	156-59-2	78	cis-1,2-Dichloroethene	0.136	ug/L	U	SW-846 8260B	0.136	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	156-60-5	79	trans-1,2-Dichloroethene	0.223	ug/L	U	SW-846 8260B	0.223	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	78-87-5	82	1,2-Dichloropropane	0.163	ug/L	U	SW-846 8260B	0.163	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	563-58-6	85	1,1-Dichloropropene	0.0863	ug/L	U	SW-846 8260B	0.0863	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	10061-01-5	86	cis-1,3-Dichloropropene	0.0767	ug/L	U	SW-846 8260B	0.0767	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	10061-02-6	87	trans-1,3-Dichloropropene	0.0862	ug/L	U	SW-846 8260B	0.0862	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	100-41-4	110	Ethyl Benzene	0.0877	ug/L	U	SW-846 8260B	0.0877	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	591-78-6	124	2-Hexanone	0.728	ug/L	U	SW-846 8260B	0.728	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	74-88-4	142	Methyl iodide	0.115	ug/L	U	SW-846 8260B	0.115	10	10	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	75-09-2	140	Methylene chloride	0.152	ug/L	U	SW-846 8260B	0.152	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	108-10-1	147	4-Methyl-2-pentanone	0.558	ug/L	U	SW-846 8260B	0.558	100	100	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	100-42-5	186	Styrene	0.102	ug/L	U	SW-846 8260B	0.102	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	630-20-6	190	1,1,1,2-Tetrachloroethane	0.104	ug/L	U	SW-846 8260B	0.104	5	5	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	79-34-5	191	1,1,2,2-Tetrachloroethane	0.156	ug/L	U	SW-846 8260B	0.156	3	3	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	127-18-4	192	Tetrachloroethene	0.155	ug/L	U	SW-846 8260B	0.155	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	Blanks (Not on C	108-88-3	196	Toluene	0.133	ug/L	U	SW-846 8260B	0.133	1	1	1	6/21/2012	6/26/2012	6/26/2012	481

Facility Permit	Well ID	CAS NUmber	SWS ID	Parameter	Result	Units	Qualifier	Method	MDL	MRL	SWSL	Dilution Factor	Collect Date	Extraction Date	Analysis Date	NC LABORATORY CERTIFICATION NUMBER
0303T	ı Blanks (Not on C	79-01-6	201	Trichloroethene	0.125	ug/L	U	SW-846 8260B	0.125	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	ı Blanks (Not on C	71-55-6	200	1,1,1-Trichloroethane	0.123	ug/L	U	SW-846 8260B	0.123	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	ı Blanks (Not on C	79-00-5	202	1,1,2-Trichloroethane	0.126	ug/L	U	SW-846 8260B	0.126	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	ı Blanks (Not on C	75-69-4	203	Trichlorofluoromethane	0.137	ug/L	U	SW-846 8260B	0.137	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	ı Blanks (Not on C	96-18-4	206	1,2,3-Trichloropropane	0.212	ug/L	U	SW-846 8260B	0.212	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	ı Blanks (Not on C	108-05-4	210	Vinyl acetate	0.882	ug/L	U	SW-846 8260B	0.882	50	50	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	ı Blanks (Not on C	75-01-4	211	Vinyl chloride	0.124	ug/L	U	SW-846 8260B	0.124	1	1	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	ı Blanks (Not on C	136777-61-2	409	m,p-Xylene	0.182	ug/L	U	SW-846 8260B	0.182	2	NE	1	6/21/2012	6/26/2012	6/26/2012	481
0303T	ı Blanks (Not on C	95-47-6	408	o-Xylene	0.0874	ug/L	U	SW-846 8260B	0.0874	1	NE	1	6/21/2012	6/26/2012	6/26/2012	481