Environmental Compliance and Remediation

Babb & Associates, P.A.

December 1, 2013

Ms. Jackie Drummond, Hydrogeologist
NC Solid Waste Section
Mail Service Center 1646
Raleigh, North Carolina 27699-1646

Re: 2013 Second Semi-Annual Monitoring Report
City of Lexington Closed Landfill
Lexington, North Carolina
Permit #29-03

Dear Jackie:

Attached is information regarding groundwater and surface water samples collected during the 2013 second semi-annual sampling event conducted at the City of Lexington Closed Landfill in Lexington, North Carolina. This sampling event was conducted on October 14-15, 2013. Please find attached a potentiometric map identifying well locations (Figure 1), an updated total volatile organic compound isoconcentration map (Figure 2), and tables summarizing groundwater and surface water laboratory analytical results. Results of the field parameters and groundwater elevations are provided on Table 4. The laboratory analytical report is provided in both adobe acrobat and Excel EDD format.

If you have any questions or require additional information, please contact me at (919) 325-0696.

Respectfully,

Babb & Associates, P.A.

Gary D. Babb

Gary D. Babb, P.G.
President

NORTH CAROLINA LICENSED SEAL 488 GEOLOGIST GARY D. BABB

Attachments

cc: Mr. Roger Spach
City of Lexington

P.O. Box 37697
Raleigh, NC 27627
(919) 325-0696

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

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

Babb & Associates, P.A.

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

Name: Gary D. Babb, P.G. Phone: (919) 325-0696

E-mail: gdbabb@gmail.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
City of Lexington Closed Landfill	State Road 2001 Lexington, NC	29-03	.0500	October 14-15, 2013

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.

Gary D. Babb — Licensed Geologist — (919) 325-0696

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

Gary D. Babb — December 1, 2013 — Affix NC Licensed/ Professional Geologist Seal

Signature — Date

NORTH CAROLINA LICENSED SEAL 488 GEOLOGIST GARY D. BABB

Babb & Associates, P.A., P.O. Box 37697, Raleigh, NC 27627

Facility Representative Address

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

Revised 6/2009

TABLE 1
2013 Second Semi-Annual Groundwater Monitoring Well Laboratory Analytical Results
City of Lexington Closed Landfill
Lexington, North Carolina
Permit #29-03

Inorganic Parameters

Parameter	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-7d	MW-8	MW-9	MW-10	MW-10d	MW-11	MW-12	2L Std.
Metals (ug/l)														
Antimony	U	U	U	0.0613J	0.0706J	U	U	U	U	0.0438J	0.112J	U	U	NE
Arsenic	0.228J	**2.68**	0.738J	**2.06**	0.458J	0.501J	U	0.427J	0.164J	0.710J	0.356J	U	0.243J	10
Barium	**127.0**	**452.0**	**21.4**	**14.3**	**27.4**	**55.0**	**22.0**	**82.1**	**52.0**	**289.0**	**13.3**	**316.0**	**102.0**	700
Beryllium	0.0472J	U	U	U	U	U	U	U	0.137J	U	U	0.294J	U	NE
Cadmium	0.166J	0.0192J	0.176J	0.0265J	0.0308J	0.0276J	0.0298J	**1.15**	0.0630J	0.0675J	0.0257J	0.153J	0.0270J	2
Chromium	0.351J	0.531J	0.280J	0.413J	0.488J	0.328J	0.236J	0.329J	0.692J	0.228J	0.276J	1.40J	0.228J	10
Cobalt	**8.25**	**12.40**	**10.50**	**73.40**	0.128J	**5.56**	0.0752J	**3.21**	**6.66**	**2.78**	0.151J	**6.41**	**1.38**	NE
Copper	1.18J	0.588J	0.894J	**4.23**	**7.25**	0.981J	0.967J	**5.12**	**2.12**	1.43J	1.16J	**9.27**	0.550J	1000
Lead	0.127J	0.0735J	0.0351J	0.128J	0.0848J	0.0355J	0.0508J	0.0415J	0.257J	0.0496J	0.406J	**3.21**	U	15
Nickel	**1.30**	**2.76**	**6.99**	**6.19**	**1.38**	**4.59**	**2.21**	**3.03**	**2.49**	**2.72**	**1.19**	**1.22**	**5.55**	100
Selenium	1.44J	3.52J	2.58J	0.417J	0.635J	1.05J	0.253J	1.59J	0.266J	1.87J	0.447J	0.341J	0.939J	20
Silver	U	U	U	U	U	U	U	0.00892J	U	U	U	U	U	20
Thallium	U	U	U	U	U	U	U	U	U	U	U	U	U	NE
Vanadium	1.98J	1.31J	1.36J	1.38J	1.82J	**7.06**	3.34J	1.29J	1.40J	1.69J	**16.40**	**8.88**	**17.00**	NE
Zinc	**4.61**	**4.35**	**2.49**	**6.40**	**3.13**	**2.4**	**3.16**	**10.60**	**29.40**	**3.37**	1.85J	**28.70**	**2.89**	1000

Notes:
Samples collected on October 15, 2013
U - Undetected, below laboratory quantitation limit.
Bold concentrations equal or exceed laboratory quantitation limit.
Shaded concentrations equal or exceed established or interim standards.
J - Between MDL and RL
B - Amount in Prep Blank > MDL
NS - Not Sampled

TABLE 2
2013 Second Semi-Annual Groundwater Monitoring Well Laboratory Analytical Results
City of Lexington Closed Landfill
Lexington, North Carolina
Permit #29-03

Volatile Organic Parameters

Parameter	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-7d	MW-8	MW-9	MW-10	MW-10d	MW-11	MW-12	2L Std.
Method 8260B (ug/l)														
Acetone	**5.3**	**8.80**	5.8B	**68.0**	5.2B	4.4B	6.5B	5.5B	4.6B	6.1B	5.4B	5.9B	4.9B	6,000
Benzene	0.13J	U	0.30J	**0.83**	U	0.30J	U	**0.74**	U	U	U	U	U	1
Carbon disulfide	U	0.022J	U	U	U	U	U	U	U	U	0.022J	U	U	700
Chlorobenzene	**1.50**	U	U	**1.40**	U	**3.70**	U	**17.0**	U	U	U	U	U	50
Chloroethane	0.41J	U	U	**2.0**	U	**4.0**	**1.30**	**0.65**	U	U	U	U	U	3,000
Chloroform	U	U	U	U	U	U	U	U	U	U	U	0.24J	U	70
1,2-Dichlorobenzene	0.17J	U	U	U	U	U	U	U	U	U	U	U	U	20
1,4-Dichlorobenzene	U	U	**2.10**	**7.70**	U	**11.0**	**1.20**	**1.20**	U	U	U	U	U	6
1,1-Dichloroethane	0.33J	U	0.062J	**1.50**	U	**1.90**	**2.20**	0.31J	0.12J	U	0.12J	U	U	6
cis-1,2-Dichloroethene	0.35J	U	**2.90**	**3.10**	U	**3.50**	**0.63**	0.14J	0.13J	U	**1.60**	U	0.062J	70
trans-1,2-Dichloroethene	U	U	0.12J	0.40J	U	0.061J	U	U	U	U	U	U	U	100
Methylene chloride	0.11JB	0.067JB	0.25JB	0.34JB	0.36JB	0.60B	0.70B	0.56B	0.36JB	0.41JB	0.36JB	0.43JB	0.42JB	5
Tetrachloroethene	U	U	U	U	U	U	0.069J	U	U	U	0.16J	U	U	0.7
Toluene	0.10J	0.12J	0.062JB	0.11J	0.065JB	0.094JB	0.071JB	0.087JB	0.090JB	0.056JB	0.088JB	0.072JB	0.097JB	600
Trichloroethene	U	U	0.23J	0.13J	U	0.090J	U	U	U	U	0.21J	U	U	3
Vinyl chloride	U	U	0.36J	**1.40**	U	**0.58**	U	U	U	U	U	U	U	0.03
Xylenes (total)	U	U	U	**0.54**	U	U	U	0.12J	U	U	U	U	U	500

Notes:
Samples collected on October 15, 2013
U - Undetected, below laboratory quantitation limit.
Bold concentrations equal or exceed laboratory quantitation limit.
Shaded concentrations equal or exceed established or interim standards.
J - Between MDL and RL
B - Amount in Prep Blank > MDL
NS - Not Sampled

Table 3

2013 Second Semi-Annual Surface Water Laboratory Analytical Results
City of Lexington Closed Landfill
Lexington, North Carolina
Permit #29-03

Parameter	SW-1	SW-4	2B Std.
App. I Metals (ug/l)			
Antimony	0.0888J	0.0914J	NE
Arsenic	0.490J	0.407J	50
Barium	**50.60**	**33.50**	1000
Cadmium	0.0128J	U	2
Chromium	0.470J	0.753J	50
Cobalt	**1.57**	0.612J	NE
Copper	1.63J	1.95J	7
Lead	0.178J	0.372J	25
Nickel	**3.05**	**3.03**	88
Selenium	0.390J	0.317J	5
Vanadium	1.32J	1.83J	NE
Zinc	**4.23**	**4.92**	50
Method 8260B (ug/l)			
Acetone	8.4B	6.2B	NE
Chloroform	0.084J	0.054J	NE
Methylene chloride	0.42JB	0.41JB	NE
Toluene	0.11JB	0.079JB	11

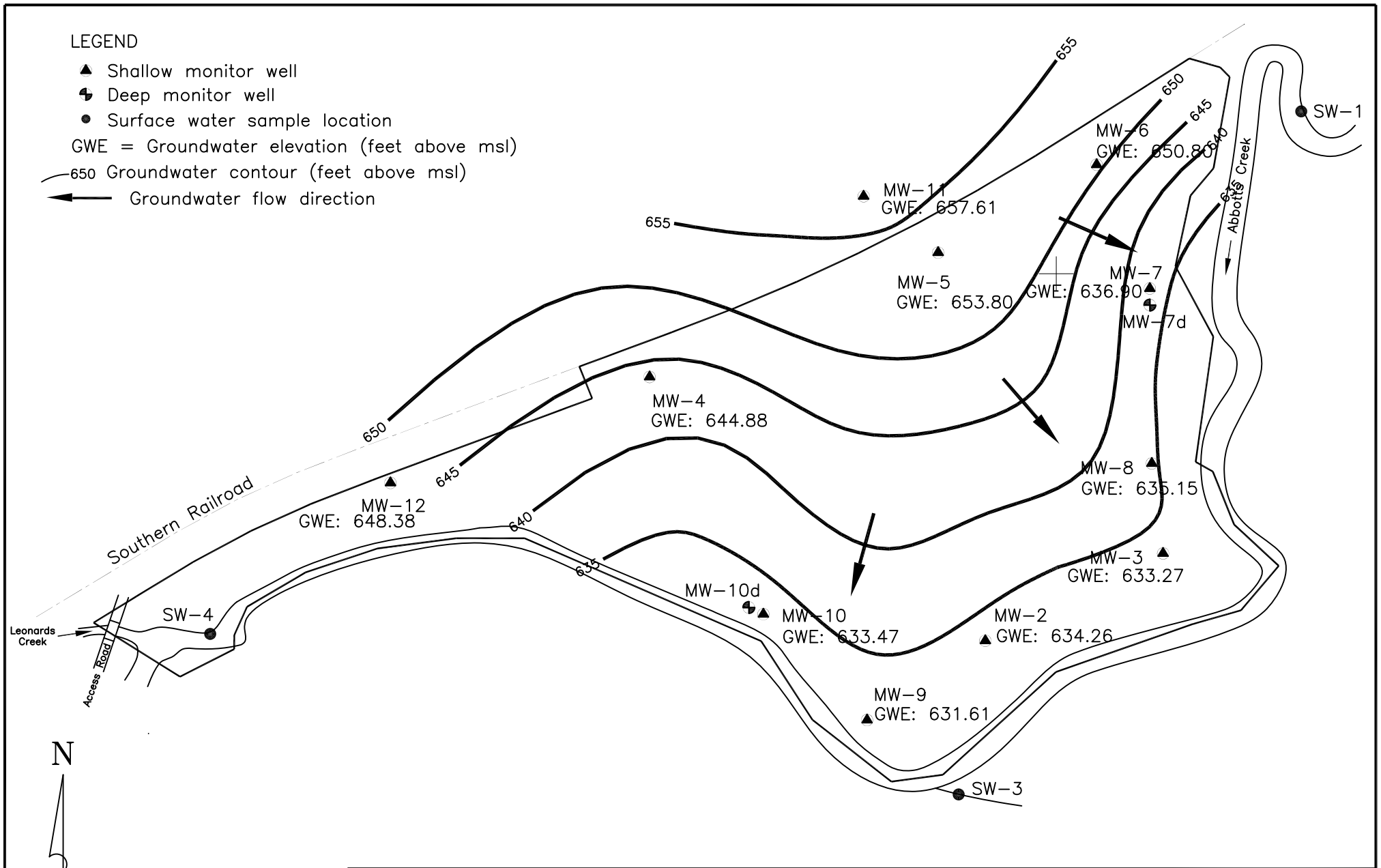
Notes:
Samples collected on October 15, 2013
U - Undetected, below laboratory quantitation limit.
Bold concentrations equal or exceed laboratory quantitation limit.
J - Between MDL and RL
B - Amount in Prep Blank > MDL
NE - Not Established
Shaded concentrations equal or exceed established or interim standards.

TABLE 4
2013 Second Semi-Annual Field Parameters
City of Lexington Closed Landfill
Lexington, North Carolina
Permit #29-03

Field Parameters

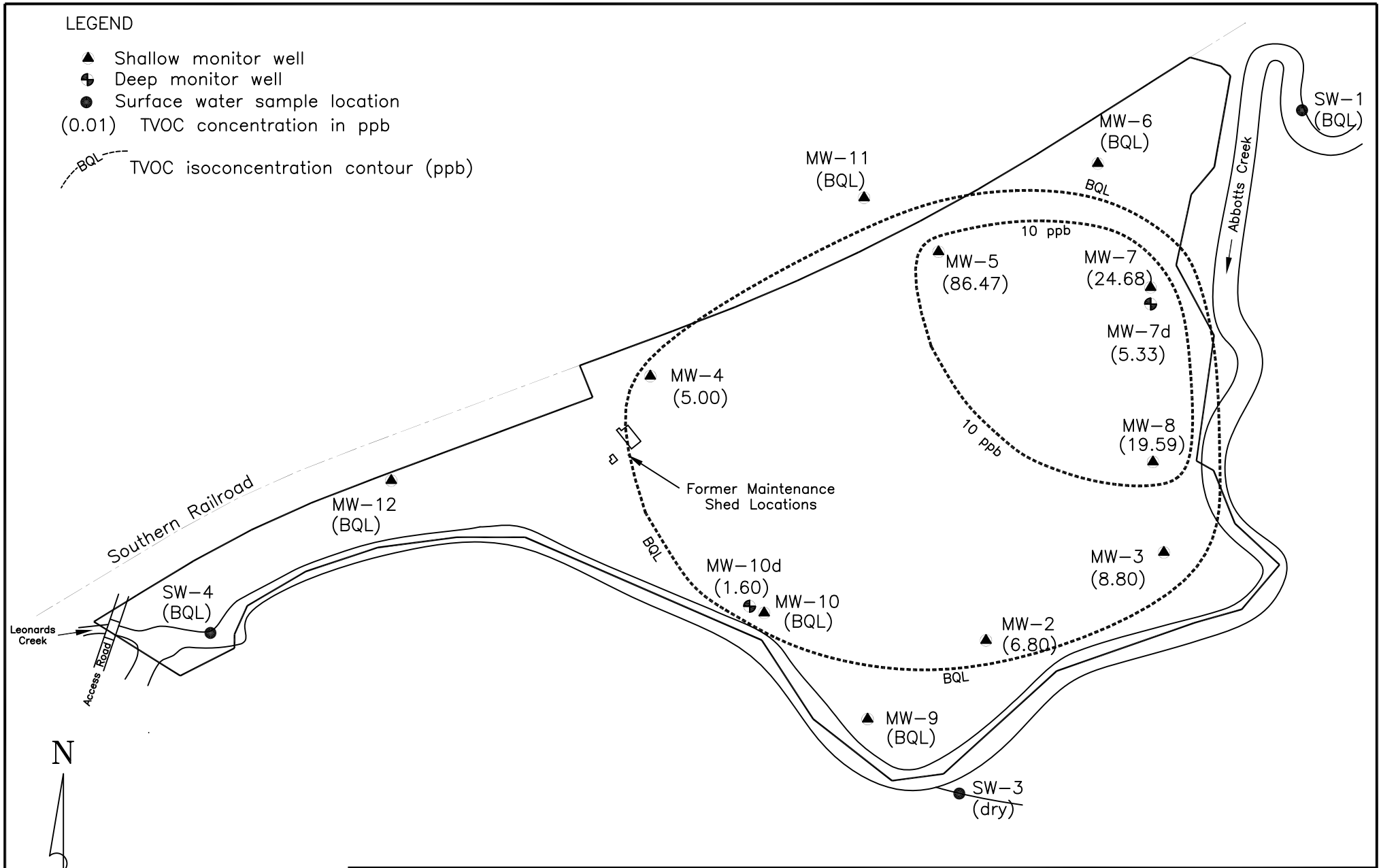
Monitoring Well	Sample Date	Depth to GW	GW Elevation	Sample Time	Conductivity	Temperature - C	pH
MW-2	10/15/2013	31.16	634.26	1205	29	15.6	5.9
MW-3	10/15/2013	21.20	633.27	1151	149	15.6	7.2
MW-4	10/15/2013	47.10	644.88	854	154	15.8	6.9
MW-5	10/15/2013	36.69	653.80	923	43	16.5	6.3
MW-6	10/15/2013	8.71	650.80	1040	152	16.7	6.8
MW-7	10/15/2013	40.90	636.90	1112	497	16.2	6.3
MW-7d	10/15/2013	42.25	635.71	1127	19	16.5	6.9
MW-8	10/15/2013	26.17	635.15	1139	138	15.9	6.2
MW-9	10/15/2013	7.01	631.61	1219	162	16.1	5.8
MW-10	10/15/2013	7.10	633.47	1233	220	18.1	6.7
MW-10d	10/15/2013	9.40	632.23	1245	74	18.1	7.2
MW-11	10/15/2013	28.10	657.61	946	39	14.6	6.7
MW-12	10/15/2013	19.45	648.38	832	480	16.9	8.0
SW-1	10/15/2013	NA	NA	1023	121	16.5	7.5
SW-4	10/15/2013	NA	NA	1330	27	16.4	8.3

NA = Not Applicable



Babb & Associates, P.A.

TITLE:	FIGURE NO:	SCALE:	PROJECT NO:
POTENTIOMETRIC MAP October 2013 Monitoring Event City of Lexington Closed Landfill State Road 2001 Lexington, North Carolina	Figure 1	1"=400'	LL
	CHECKED BY:	DRAWN BY: GDB	DATE: 10/15/13



Babb & Associates, P.A.

TITLE:	FIGURE NO:	SCALE:	PROJECT NO:
TVOC ISOCONCENTRATION MAP October 2013 Monitoring Event City of Lexington Closed Landfill State Road 2001 Lexington, North Carolina	Figure 2	1"=400'	LL
	CHECKED BY:	DRAWN BY:	DATE:
		GDB	10/15/13

ANALYSES DATA PACKAGE COVER PAGE

Client: BABB & ASSOCIATES, P.A.

Project: LEXINGTON

Laboratory: COMPUCHEM

SDG: 1310091

Client Sample Id:	Analysis:	Lab Sample Id:
2903-MW2	SW 8260B	1310091-01
2903-MW2	EPA 6020A	1310091-01
2903-MW3	EPA 6020A	1310091-02
2903-MW3	SW 8260B	1310091-02
2903-MW4	EPA 6020A	1310091-03
2903-MW4	SW 8260B	1310091-03
2903-MW5	EPA 6020A	1310091-04
2903-MW5	SW 8260B	1310091-04
2903-MW6	EPA 6020A	1310091-05
2903-MW6	SW 8260B	1310091-05
2903-MW7	EPA 6020A	1310091-06
2903-MW7	SW 8260B	1310091-06
2903-MW7d	EPA 6020A	1310091-07
2903-MW7d	SW 8260B	1310091-07
2903-MW8	EPA 6020A	1310091-08
2903-MW8	SW 8260B	1310091-08
2903-MW9	EPA 6020A	1310091-09
2903-MW9	SW 8260B	1310091-09
2903-MW10	SW 8260B	1310091-10
2903-MW10	EPA 6020A	1310091-10
2903-MW10d	EPA 6020A	1310091-11
2903-MW10d	SW 8260B	1310091-11
2903-MW11	SW 8260B	1310091-12
2903-MW11	EPA 6020A	1310091-12
2903-MW12	EPA 6020A	1310091-13
2903-MW12	SW 8260B	1310091-13
2903-SW1	EPA 6020A	1310091-14
2903-SW1	SW 8260B	1310091-14
2903-SW4	SW 8260B	1310091-15
2903-SW4	EPA 6020A	1310091-15
2903-TB	SW 8260B	1310091-16

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the Electronic Data Deliverable has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Chip Cray1

Date: 11/06/2013 Title: Database Administrator

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

A. SDG Narrative

CompuChem
A Division of Liberty Analytical Corp
501 Madison Avenue
Cary, North Carolina 27513

SDG NARRATIVE
SDG # 1310091
Client: BABB & ASSOCIATES, P. A.
Project: LEXINGTON
Analysis: 6020A

Unless otherwise noted on enclosed Laboratory Notices or Quality Assurance Notices, all quality control criteria were met in the analyses of these samples.

Release of the data contained in the hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the signature below.

Susan W Bass

Susan W. Bass
Senior Chemist
November 6, 2013

CompuChem
A division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE
SDG # 1310091
Client: BABB& ASSOCIATES, P.A.
Project: LEXINGTON
ANALYSIS: 8260B
PROTOCOL: SW-846

Unless otherwise noted on enclosed Laboratory Notices or Quality Assurance Notices, all quality control criteria were met in the analyses of these samples.

Release of the data contained in the hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the signature below.

Patricia A Murphy
Patricia A Murphy
Senior Scientist
November 6, 2013

DATA REPORTING QUALIFIERS

On the appropriate reporting form, under the column labeled "Q" for qualifier, each result is flagged with the specific data reporting qualifiers listed below, as appropriate. Up to five qualifiers may be reported on the appropriate reporting form for each compound. The qualifiers used are:

U : This flag indicates the compound was analyzed for but not detected. The Contract Required Quantitation Limit (CRQL), or reporting limit, will be adjusted to reflect any dilution and, for soils, the percent moisture.

J : This flag indicates an estimated value. The flag is used as detailed below:

1. When estimating a concentration for tentatively identified compounds (TICs) where a response factor of 1:1 is assumed for the TIC analyte,

2. When the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the adjusted CRQL (or Reporting Limit) but greater than zero, and

3. When the retention time data indicate the presence of a compound that meets the pesticide and/or Aroclor or other GC or HPLC identification criteria, and the result is less than the adjusted CRQL (or Reporting Limit) but greater than zero. For example, if the CRQL (or Reporting Limit) is 10 μg/L, but a concentration of 3 μg/L is calculated, it is reported as 3J.

N : This flag indicates presumptive evidence of a compound. This flag is only used for TICs, where the identification is based on a mass spectral library search and must be used with the J flag. For generic characterization of a TIC such as "chlorinated hydrocarbon" (or for an "unknown," with no matches ≥ 85%), the N flag is not used.

P : In the EPA's Contract Laboratory Program (CLP), this flag is used for a pesticide/Aroclor target analyte, when there is greater than 25% difference for detected concentrations between the two GC columns. The <u>lower</u> of the two values is reported on the Form I and flagged with a P.
For SW-846 GC and HPLC analyses, when the Relative Percent Difference (RPD) is greater than 40% and there is no evidence of chromatographic anomalies or interferences, then the <u>lower</u> of the two values is reported and flagged with a P on the reporting form. When the RPD is equal to or less than 40%, our policy is to also report the <u>lower</u> of the two values, although the choice could be a project specific issue. These SW-846 policies are consistent with Method 8000C. If Method 8000B is required, the <u>higher</u> of the two values is reported. For certain HPLC analyses, if one of the HPLC columns displays co-elution of target analytes, all results are reported from a primary column displaying no co-elution. Results are still flagged with a P if the RPD between columns is greater than 40%.

C : This flag applies to GC or HPLC results where the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, this flag is not applied; a laboratory-defined flag is used instead (see the X/Y/Z qualifier.)

DATA REPORTING QUALIFIERS (continued)

B : This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates probable blank contamination and warns the data user to take appropriate action. This flag is used for a TIC as well as for a positively identified target compound. The combination of flags BU or UB is not an allowable policy. Blank contaminants are flagged B only when they are detected in the sample.

E : This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a concentration greater than the upper level of the calibration range, the sample or extract will be diluted and reanalyzed. All such compounds with a concentration greater than the upper level of the calibration range will have the result flagged with an E on the appropriate reporting form for the original analysis.

D : If a sample or extract is reanalyzed at a higher dilution factor, for example when the concentration of an analyte exceeds the upper calibration range, the DL suffix is appended to the sample number on the appropriate reporting form for the more diluted sample, and **all** reported concentrations on that form are flagged with the D flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract.

NOTE 1: The D flag is not applied to compounds which are not detected in the sample analysis i.e. compounds reported with the CRQL (or Reporting Limit) and the U flag.

NOTE 2: Separate reporting forms are used for reporting the original analysis (Client Sample No. XXXXX) and the more diluted sample analysis (Client Sample No. XXXXXDL) i.e. the results from both analyses <u>are not combined</u> on a single reporting form.

A: This flag indicates that a TIC is a suspected aldol-condensation product.

S: In the SOM01.2 SOW document, this flag is used to indicate an estimated value for Aroclor target compounds where a valid 5-point initial calibration was not performed prior to the analytes detection in a sample. If an “S” flag is used for a specific Aroclor, then a reanalysis of the sample is required after a valid 5-point calibration is performed for the detected Aroclor. The “S” flag is not utilized for non CLP analyses.

X/Y/Z : Other specific flags may be required to properly define the results. If used, the flags will be fully described in the SDG Narrative. The laboratory-defined flags are limited to X, Y, and Z.

INORGANIC DATA REPORTING QUALIFIERS

On the Form I, under the column labeled "Q" for qualifier, each result is flagged with the specific data reporting qualifiers listed below, as appropriate. The qualifiers used are:

U : This flag indicates the compound was analyzed for, not detected and is reported as less than the Method Detection Limit (MDL) (or as defined by the client). The Reporting Limit (RL), or Limit of Quantitation (LOQ), and the MDL will be adjusted to reflect any dilution or concentration of the sample and, for soils, the percent moisture.

J : This flag indicates the reported result is an estimated value. The flag is used when an analyte is detected and the result is less than the adjusted RL/LOQ but equal to or greater than the MDL.

Q : This flag denotes that one or more quality control criteria have failed (e.g., LCS recovery, Continuing Calibration Verification, CCV, and interference check standards for ICP-AES/ICP-MS) and reanalyses can't be performed. The Q flag is applied to all specific analyte(s) in all samples associated with the failed quality control criteria.

B : This flag is used when the analyte is found in the associated method or calibration blank as well as in the sample. It indicates probable blank contamination and warns the data user to take appropriate action. The combination of flags BU or UB is not an allowable policy. Blank contaminants are flagged B only when they are detected in the sample.

D: This flag is applied to an analyte when the reported result is based on a dilution.

X/Y/Z : Other specific flags may be required to properly define the results. If used, the flags will be fully described in the SDG Narrative. The laboratory-defined flags are limited to X, Y, and Z.

The extensions: D, S, SD, L, and A are added to the end of the Client ID and represent the following:

D – Matrix Duplicate
S – Matrix Spike
SD – Matrix Spike Duplicate
L – Serial Dilution
A – Post Digestion Spike

Revision 0 (11-09-2010)

Chain of Custody Records

The laboratory shall include a copy of the Chain-of-Custody (CoC) documentation for all of the samples in the Work Order/SDG.

CompuChem
A Division Of
Liberty Analytical Corp.

CHAIN OF CUSTODY

501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

27522
Page 1 of 2

Courier: FedEx
Airbill No.: 8757 6616 4250
Sampling Complete? Y or N

Client/Reporting Information

Company Name: Bubb & Associates, P.A.
Address: 3605 Country Cove Lane
City: Raleigh State: NC Zip: 27606
Project Contact: Gary Bubb
Phone #: (919) 325-0696
Sampler's Name: Jason Jorf

Project Information

Project Name: Lexington
Sampling Location: Lexington
Turnaround time:
Batch QC or Project Specific? If Specific, which Sample ID?
Are aqueous samples field filtered for metals? Y or N
Are high concentrations expected? Y or N? If yes, which ID(s)?

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	Appendix I 8260 VOCs	Appendix I Metals	pH / Sample Info (Lab Use) Metals
1310091-01	2903-MW2	10/15	1205	GW	4	X		X				X	X	<2
-02	2903-MW3		1151		4	X		X				X	X	<2
-03	2903-MW4		854		4	X		X				X	X	<2
-04	2903-MW5		923		4	X		X				X	X	<2
-05	2903-MW6		1040		4	X		X				X	X	<2
-06	2903-MW7		1112		4	X		X				X	X	<2
-07	2903-MW7d		1127		4	X		X				X	X	<2
-08	2903-MW8		1139		4	X		X				X	X	<2
-09	2903-MW9		1219		4	X		X				X	X	<2
-10	2903-MW10		1233		4	X		X				X	X	<2

Lab Use Only

Sample Unpacked By:
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:
Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by: Date/Time: 10/15/13 1500 Received by: Date/Time: 10/16/13 0756
Relinquished by: Date/Time: Received by: Date/Time:
Subcontact? Y or N If yes, where? Custody Seal(s) intact? Y or N On Ice? Y or N Cooler Temp: 2.4, 2.1 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

IR GUN: SN0015

CompuChem
A Division Of
Liberty Analytical Corp.

CHAIN OF CUSTODY

501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

27586
Page 2 of 2

Courier: FedEx
Airbill No.: 7758 6616 4330
Sampling Complete? Y or N

Client/Reporting Information

Company Name: Babb + Associates, P.A.
Address: 3605 Country Cove Lane
City: Raleigh State: NC Zip: 27606
Project Contact: Gary Babb
Phone #: (919) 325-0696
Sampler's Name: Jason Jump

Project Information

Project Name: Lexington
Sampling Location: Lexington
Turnaround time:
Batch QC or Project Specific? If Specific, which Sample ID?
Are aqueous samples field filtered for metals? Y or N
Are high concentrations expected? Y or N? If yes, which ID(s)?

Requested Analysis (include method and bottle type): Appendix I 8260 VOC's; Appendix I Metals

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	Appendix I 8260 VOC's	Appendix I Metals	pH / Sample Info (Lab Use) metals
1310091-11	2903-MW 10d	10/15	1245	GW	4	X		X				X	X	<2
-12	2903-MW 11	10/15	946		4	X		X				X	X	<2
-13	2903-MW 12	10/15	832		4	X		X				X	X	<2
-14	2903-SW1	10/15	1023		4	X		X				X	X	<2
-15	2903-SW4	10/15	1330		4	X		X				X	X	<2
-16	2903-TB				3							X		—

Lab Use Only

Sample Unpacked By:
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:
Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by: Jason Jump — Date/Time: 10/15/13 1500 — Received by: — Date/Time: 10/16/13 0756
Relinquished by: — Date/Time: — Received by: — Date/Time:
Subcontact? Y or N If yes, where? — Custody Seal(s) intact? Y or N — On Ice? Y or N — Cooler Temp: 2.4, 2.1 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

IR GUN: SN0015

WORK ORDER

Printed: 10/17/2013 10:05:41AM

1310091

COMPUCHEM

Client:	**BABB & ASSOCIATES, P.A.**	**Project Manager:**	**Cathy Dover**
Project:	**LEXINGTON**	**Project Number:**	**LEXINGTON**
SDG:	**1310091** **CASE:**	**Status:**	**Received**

Report To:
BABB & ASSOCIATES, P.A.
GARY BABB
3605 COUNTRY LOVE LANE
RALEIGH, NC 27606
Phone: (919) 325-0696
Fax: -

Invoice To:
BABB & ASSOCIATES, P.A.
GARY BABB
3605 COUNTRY LOVE LANE
RALEIGH, NC 27606
Phone :(919) 325-0696
Fax: -

Date Due:	10/29/2013 00:00 (13 day TAT)		
Received By:	Cathy Dover	Date Received:	10/16/2013 07:56
Logged In By:	Cathy Dover	Date Logged In:	10/16/2013 22:40

J & B Flags?: **YES**	TICS?: **NO**	Deliverable: **Level 0 E-mail Only**	EDD : **<81> NC DENR SPREADSHEET**
Metals ND to? **MDL**	Spike Level: **FULL Spike**		

LCS/LCSD*VOA 25ML 8260B=NCAPPI.SUB*6020A METALS =Sb,As,Ba,Be,Cd,Co,Cu,Pb,Ni,Se,Ag,Tl,V & Zn* RUN PDF REPORT UNDER CUSTOM RPT: CompuChem_Level_0.rpt.

Analysis	Due	TAT	Expires	Received	Comments
1310091-01 2903-MW2 [Water] Sampled 10/15/2013 12:05 Eastern					
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 12:05	10/16/2013 07:56	
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 12:05	10/16/2013 07:56	
1310091-02 2903-MW3 [Water] Sampled 10/15/2013 11:15 Eastern					
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 11:15	10/16/2013 07:56	
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 11:15	10/16/2013 07:56	
1310091-03 2903-MW4 [Water] Sampled 10/15/2013 08:54 Eastern					
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 08:54	10/16/2013 07:56	
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 08:54	10/16/2013 07:56	
1310091-04 2903-MW5 [Water] Sampled 10/15/2013 09:23 Eastern					
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 09:23	10/16/2013 07:56	
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 09:23	10/16/2013 07:56	
1310091-05 2903-MW6 [Water] Sampled 10/15/2013 10:40 Eastern					
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 10:40	10/16/2013 07:56	
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 10:40	10/16/2013 07:56	
1310091-06 2903-MW7 [Water] Sampled 10/15/2013 11:12 Eastern					
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 11:12	10/16/2013 07:56	
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 11:12	10/16/2013 07:56	

WORK ORDER

Printed: 10/17/2013 10:05:41AM

1310091

COMPUCHEM

Client:	**BABB & ASSOCIATES, P.A.**	**Project Manager:**	**Cathy Dover**
Project:	**LEXINGTON**	**Project Number:**	**LEXINGTON**
SDG:	**1310091** **CASE:**	**Status:**	**Received**

Analysis	Due	TAT	Expires	Comments
1310091-07 2903-MW7d [Water] Sampled 10/15/2013 11:27 Eastern				
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 11:27	10/16/2013 07:56
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 11:27	10/16/2013 07:56
1310091-08 2903-MW8 [Water] Sampled 10/15/2013 11:39 Eastern				
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 11:39	10/16/2013 07:56
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 11:39	10/16/2013 07:56
1310091-09 2903-MW9 [Water] Sampled 10/15/2013 12:19 Eastern				
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 12:19	10/16/2013 07:56
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 12:19	10/16/2013 07:56
1310091-10 2903-MW10 [Water] Sampled 10/15/2013 12:33 Eastern				
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 12:33	10/16/2013 07:56
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 12:33	10/16/2013 07:56
1310091-11 2903-MW10d [Water] Sampled 10/15/2013 12:45 Eastern				
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 12:45	10/16/2013 07:56
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 12:45	10/16/2013 07:56
1310091-12 2903-MW11 [Water] Sampled 10/15/2013 09:46 Eastern				
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 09:46	10/16/2013 07:56
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 09:46	10/16/2013 07:56
1310091-13 2903-MW12 [Water] Sampled 10/15/2013 08:32 Eastern				
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 08:32	10/16/2013 07:56
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 08:32	10/16/2013 07:56
1310091-14 2903-SW1 [Water] Sampled 10/15/2013 10:23 Eastern				
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 10:23	10/16/2013 07:56
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 10:23	10/16/2013 07:56
1310091-15 2903-SW4 [Water] Sampled 10/15/2013 13:30 Eastern				
6020A ICP MS (UPDATE IV)	10/29/2013 16:00	13	04/13/2014 13:30	10/16/2013 07:56
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 13:30	10/16/2013 07:56
1310091-16 2903-TB [Water] Sampled 10/15/2013 00:00 Eastern				**TRIP BLK**
VOA-8260B 25ML	10/29/2013 16:00	13	10/29/2013 00:00	10/16/2013 07:56

ANALYSIS DATA SHEET

2903-MW10

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-10 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony	0.0438	0.0260	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:22
7440-38-2	Arsenic	0.710	0.140	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:22
7440-39-3	Barium	289	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:22
7440-41-7	Beryllium		0.0330	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:22
7440-43-9	Cadmium	0.0675	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:22
7440-47-3	Chromium	0.228	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:22
7440-48-4	Cobalt	2.78	0.00950	1.00	1		EPA 6020A	3J25001	10/23/13 14:22
7440-50-8	Copper	1.43	0.120	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:22
7439-92-1	Lead	0.0496	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:22
7440-02-0	Nickel	2.72	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:22
7782-49-2	Selenium	1.87	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:22
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:22
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:22
7440-62-2	Vanadium	1.69	0.0560	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:22
7440-66-6	Zinc	3.37	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:22

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW10

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1071.d Sampled: 10/15/13 12:33

Initial/Final: 25mL / 25mL Lab ID: 1310091-10 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 18:56

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	6.1	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene		0.030	0.50	*U*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene		0.020	0.50	*U*
75-00-3	Chloroethane; Ethyl chloride		0.20	0.50	*U*
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene		0.030	0.50	*U*
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride		0.020	0.50	*U*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene		0.030	0.50	*U*
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.41	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW10

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1071.d Sampled: 10/15/13 12:33

Initial/Final: 25mL / 25mL Lab ID: 1310091-10 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 18:56

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.056	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene		0.030	0.50	*U*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	5.766	115	65 - 150	
1,2-Dichloroethane-d4	5.000	5.634	113	59 - 150	
Toluene-d8	5.000	5.257	105	61 - 145	
Bromofluorobenzene	5.000	5.018	100	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-MW10d

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-11 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony	0.112	0.0260	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:24
7440-38-2	Arsenic	0.356	0.140	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:24
7440-39-3	Barium	13.3	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:24
7440-41-7	Beryllium		0.0330	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:24
7440-43-9	Cadmium	0.0257	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:24
7440-47-3	Chromium	0.276	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:24
7440-48-4	Cobalt	0.151	0.00950	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:24
7440-50-8	Copper	1.16	0.120	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:24
7439-92-1	Lead	0.406	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:24
7440-02-0	Nickel	1.19	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:24
7782-49-2	Selenium	0.447	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:24
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:24
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:24
7440-62-2	Vanadium	16.4	0.0560	5.00	1		EPA 6020A	3J25001	10/23/13 14:24
7440-66-6	Zinc	1.85	0.120	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:24

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW10d

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1171.d Sampled: 10/15/13 12:45

Initial/Final: 25mL / 25mL Lab ID: 1310091-11 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 19:26

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	5.4	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene		0.030	0.50	*U*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide	0.022	0.020	0.50	*J*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene		0.020	0.50	*U*
75-00-3	Chloroethane; Ethyl chloride		0.20	0.50	*U*
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene		0.030	0.50	*U*
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride	0.12	0.020	0.50	*J*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	1.6	0.030	0.50	
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.36	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW10d

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1171.d Sampled: 10/15/13 12:45

Initial/Final: 25mL / 25mL Lab ID: 1310091-11 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 19:26

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe	0.16	0.060	0.50	*J*
108-88-3	Toluene	0.088	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene	0.21	0.030	0.50	*J*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	5.659	113	65 - 150	
1,2-Dichloroethane-d4	5.000	5.861	117	59 - 150	
Toluene-d8	5.000	5.474	109	61 - 145	
Bromofluorobenzene	5.000	5.046	101	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-MW11

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-12 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony		0.0260	2.00	1	U	EPA 6020A	3J25001	10/23/13 14:26
7440-38-2	Arsenic		0.140	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:26
7440-39-3	Barium	316	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:26
7440-41-7	Beryllium	0.294	0.0330	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:26
7440-43-9	Cadmium	0.153	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:26
7440-47-3	Chromium	1.40	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:26
7440-48-4	Cobalt	6.41	0.00950	1.00	1		EPA 6020A	3J25001	10/23/13 14:26
7440-50-8	Copper	9.27	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:26
7439-92-1	Lead	3.21	0.0210	1.00	1		EPA 6020A	3J25001	10/23/13 14:26
7440-02-0	Nickel	1.22	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:26
7782-49-2	Selenium	0.341	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:26
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:26
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:26
7440-62-2	Vanadium	8.88	0.0560	5.00	1		EPA 6020A	3J25001	10/23/13 14:26
7440-66-6	Zinc	28.7	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:26

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW11

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1271.d Sampled: 10/15/13 09:46

Initial/Final: 25mL / 25mL Lab ID: 1310091-12 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 19:55

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	5.9	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene		0.030	0.50	*U*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene		0.020	0.50	*U*
75-00-3	Chloroethane; Ethyl chloride		0.20	0.50	*U*
67-66-3	Chloroform; Trichloromethane	0.24	0.030	0.50	*J*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene		0.030	0.50	*U*
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride		0.020	0.50	*U*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene		0.030	0.50	*U*
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.43	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW11

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1271.d Sampled: 10/15/13 09:46

Initial/Final: 25mL / 25mL Lab ID: 1310091-12 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 19:55

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.072	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene		0.030	0.50	*U*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	5.723	114	65 - 150	
1,2-Dichloroethane-d4	5.000	5.696	114	59 - 150	
Toluene-d8	5.000	5.163	103	61 - 145	
Bromofluorobenzene	5.000	5.206	104	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-MW12

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-13 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony		0.0260	2.00	1	U	EPA 6020A	3J25001	10/23/13 14:27
7440-38-2	Arsenic	0.243	0.140	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:27
7440-39-3	Barium	102	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:27
7440-41-7	Beryllium		0.0330	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:27
7440-43-9	Cadmium	0.0270	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:27
7440-47-3	Chromium	0.228	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:27
7440-48-4	Cobalt	1.38	0.00950	1.00	1		EPA 6020A	3J25001	10/23/13 14:27
7440-50-8	Copper	0.550	0.120	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:27
7439-92-1	Lead		0.0210	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:27
7440-02-0	Nickel	5.55	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:27
7782-49-2	Selenium	0.939	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:27
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:27
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:27
7440-62-2	Vanadium	17.0	0.0560	5.00	1		EPA 6020A	3J25001	10/23/13 14:27
7440-66-6	Zinc	2.89	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:27

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW12

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1371.d Sampled: 10/15/13 08:32

Initial/Final: 25mL / 25mL Lab ID: 1310091-13 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 20:25

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	4.9	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene		0.030	0.50	*U*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene		0.020	0.50	*U*
75-00-3	Chloroethane; Ethyl chloride		0.20	0.50	*U*
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene		0.030	0.50	*U*
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride		0.020	0.50	*U*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	0.062	0.030	0.50	*J*
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.42	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW12

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1371.d Sampled: 10/15/13 08:32

Initial/Final: 25mL / 25mL Lab ID: 1310091-13 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 20:25

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.097	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene		0.030	0.50	*U*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	6.015	120	65 - 150	
1,2-Dichloroethane-d4	5.000	6.222	124	59 - 150	
Toluene-d8	5.000	5.374	107	61 - 145	
Bromofluorobenzene	5.000	5.010	100	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-MW2

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-01 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony		0.0260	2.00	1	U	EPA 6020A	3J25001	10/23/13 14:01
7440-38-2	Arsenic	0.228	0.140	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:01
7440-39-3	Barium	127	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:01
7440-41-7	Beryllium	0.0472	0.0330	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:01
7440-43-9	Cadmium	0.166	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:01
7440-47-3	Chromium	0.351	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:01
7440-48-4	Cobalt	8.25	0.00950	1.00	1		EPA 6020A	3J25001	10/23/13 14:01
7440-50-8	Copper	1.18	0.120	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:01
7439-92-1	Lead	0.127	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:01
7440-02-0	Nickel	1.30	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:01
7782-49-2	Selenium	1.44	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:01
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:01
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:01
7440-62-2	Vanadium	1.98	0.0560	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:01
7440-66-6	Zinc	4.61	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:01

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW2

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0171.d Sampled: 10/15/13 12:05

Initial/Final: 25mL / 25mL Lab ID: 1310091-01 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/28/13 16:21

% Moisture: NA Analyzed: 10/29/13 01:02

Batch: 3102818 Sequence: 3J28007 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	5.3	0.44	2.5	
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene	0.13	0.030	0.50	*J*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene	1.5	0.020	0.50	
75-00-3	Chloroethane; Ethyl chloride	0.41	0.20	0.50	*J*
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene	0.17	0.030	0.50	*J*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene		0.030	0.50	*U*
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride	0.33	0.020	0.50	*J*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	0.35	0.030	0.50	*J*
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.11	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW2

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0171.d Sampled: 10/15/13 12:05

Initial/Final: 25mL / 25mL Lab ID: 1310091-01 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/28/13 16:21

% Moisture: NA Analyzed: 10/29/13 01:02

Batch: 3102818 Sequence: 3J28007 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.10	0.030	0.50	*J*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene		0.030	0.50	*U*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	5.291	106	65 - 150	
1,2-Dichloroethane-d4	5.000	4.999	100	59 - 150	
Toluene-d8	5.000	4.810	96	61 - 145	
Bromofluorobenzene	5.000	4.812	96	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-MW3

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-02 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony		0.0260	2.00	1	U	EPA 6020A	3J25001	10/23/13 14:05
7440-38-2	Arsenic	2.68	0.140	1.00	1		EPA 6020A	3J25001	10/23/13 14:05
7440-39-3	Barium	452	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:05
7440-41-7	Beryllium		0.0330	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:05
7440-43-9	Cadmium	0.0192	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:05
7440-47-3	Chromium	0.531	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:05
7440-48-4	Cobalt	12.4	0.00950	1.00	1		EPA 6020A	3J25001	10/23/13 14:05
7440-50-8	Copper	0.588	0.120	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:05
7439-92-1	Lead	0.0735	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:05
7440-02-0	Nickel	2.76	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:05
7782-49-2	Selenium	3.52	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:05
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:05
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:05
7440-62-2	Vanadium	1.31	0.0560	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:05
7440-66-6	Zinc	4.35	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:05

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW3

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0271.d Sampled: 10/15/13 11:15

Initial/Final: 25mL / 25mL Lab ID: 1310091-02 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/28/13 16:21

% Moisture: NA Analyzed: 10/29/13 01:32

Batch: 3102818 Sequence: 3J28007 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	8.8	0.44	2.5	
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene		0.030	0.50	*U*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide	0.022	0.020	0.50	*J*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene		0.020	0.50	*U*
75-00-3	Chloroethane; Ethyl chloride		0.20	0.50	*U*
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene		0.030	0.50	*U*
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride		0.020	0.50	*U*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene		0.030	0.50	*U*
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.067	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW3

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0271.d Sampled: 10/15/13 11:15

Initial/Final: 25mL / 25mL Lab ID: 1310091-02 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/28/13 16:21

% Moisture: NA Analyzed: 10/29/13 01:32

Batch: 3102818 Sequence: 3J28007 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.12	0.030	0.50	*J*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene		0.030	0.50	*U*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	5.535	111	65 - 150	
1,2-Dichloroethane-d4	5.000	4.933	99	59 - 150	
Toluene-d8	5.000	5.470	109	61 - 145	
Bromofluorobenzene	5.000	4.940	99	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-MW4

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-03 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony		0.0260	2.00	1	U	EPA 6020A	3J25001	10/23/13 14:06
7440-38-2	Arsenic	0.738	0.140	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:06
7440-39-3	Barium	21.4	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:06
7440-41-7	Beryllium		0.0330	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:06
7440-43-9	Cadmium	0.176	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:06
7440-47-3	Chromium	0.280	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:06
7440-48-4	Cobalt	10.5	0.00950	1.00	1		EPA 6020A	3J25001	10/23/13 14:06
7440-50-8	Copper	0.894	0.120	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:06
7439-92-1	Lead	0.0351	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:06
7440-02-0	Nickel	6.99	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:06
7782-49-2	Selenium	2.58	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:06
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:06
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:06
7440-62-2	Vanadium	1.36	0.0560	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:06
7440-66-6	Zinc	2.49	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:06

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW4

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-03R71.d Sampled: 10/15/13 08:54

Initial/Final: 25mL / 25mL Lab ID: 1310091-03 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 15:58

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	5.8	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene	0.30	0.030	0.50	*J*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene		0.020	0.50	*U*
75-00-3	Chloroethane; Ethyl chloride		0.20	0.50	*U*
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene	2.1	0.030	0.50	
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride	0.062	0.020	0.50	*J*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	2.9	0.030	0.50	
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe	0.12	0.050	0.50	*J*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.25	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW4

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-03R71.d Sampled: 10/15/13 08:54

Initial/Final: 25mL / 25mL Lab ID: 1310091-03 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 15:58

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.062	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene	0.23	0.030	0.50	*J*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride	0.36	0.070	0.50	*J*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	5.405	108	65 - 150	
1,2-Dichloroethane-d4	5.000	4.982	100	59 - 150	
Toluene-d8	5.000	4.950	99	61 - 145	
Bromofluorobenzene	5.000	4.723	94	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-MW5

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-04 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony	0.0613	0.0260	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:08
7440-38-2	Arsenic	2.06	0.140	1.00	1		EPA 6020A	3J25001	10/23/13 14:08
7440-39-3	Barium	14.3	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:08
7440-41-7	Beryllium		0.0330	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:08
7440-43-9	Cadmium	0.0265	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:08
7440-47-3	Chromium	0.413	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:08
7440-48-4	Cobalt	73.4	0.00950	1.00	1		EPA 6020A	3J25001	10/23/13 14:08
7440-50-8	Copper	4.23	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:08
7439-92-1	Lead	0.128	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:08
7440-02-0	Nickel	6.19	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:08
7782-49-2	Selenium	0.417	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:08
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:08
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:08
7440-62-2	Vanadium	1.38	0.0560	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:08
7440-66-6	Zinc	6.40	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:08

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW5

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0471.d Sampled: 10/15/13 09:23

Initial/Final: 25mL / 25mL Lab ID: 1310091-04 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/28/13 16:21

% Moisture: NA Analyzed: 10/29/13 02:31

Batch: 3102818 Sequence: 3J28007 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	68	0.44	2.5	
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene	0.83	0.030	0.50	
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene	1.4	0.020	0.50	
75-00-3	Chloroethane; Ethyl chloride	2.0	0.20	0.50	
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene	7.7	0.030	0.50	
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride	1.5	0.020	0.50	
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	3.1	0.030	0.50	
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe	0.40	0.050	0.50	*J*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.34	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW5

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0471.d Sampled: 10/15/13 09:23

Initial/Final: 25mL / 25mL Lab ID: 1310091-04 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/28/13 16:21

% Moisture: NA Analyzed: 10/29/13 02:31

Batch: 3102818 Sequence: 3J28007 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.11	0.030	0.50	*J*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene	0.13	0.030	0.50	*J*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride	1.4	0.070	0.50	
1330-20-7	Xylenes	0.54	0.030	0.50	

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	5.784	116	65 - 150	
1,2-Dichloroethane-d4	5.000	5.193	104	59 - 150	
Toluene-d8	5.000	5.533	111	61 - 145	
Bromofluorobenzene	5.000	4.806	96	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-MW6

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-05 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony	0.0706	0.0260	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:10
7440-38-2	Arsenic	0.458	0.140	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:10
7440-39-3	Barium	27.4	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:10
7440-41-7	Beryllium		0.0330	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:10
7440-43-9	Cadmium	0.0308	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:10
7440-47-3	Chromium	0.488	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:10
7440-48-4	Cobalt	0.128	0.00950	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:10
7440-50-8	Copper	7.25	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:10
7439-92-1	Lead	0.0848	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:10
7440-02-0	Nickel	1.38	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:10
7782-49-2	Selenium	0.635	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:10
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:10
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:10
7440-62-2	Vanadium	1.82	0.0560	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:10
7440-66-6	Zinc	3.13	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:10

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW6

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0571.d Sampled: 10/15/13 10:40

Initial/Final: 25mL / 25mL Lab ID: 1310091-05 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 16:27

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	5.2	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene		0.030	0.50	*U*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene		0.020	0.50	*U*
75-00-3	Chloroethane; Ethyl chloride		0.20	0.50	*U*
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene		0.030	0.50	*U*
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride		0.020	0.50	*U*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene		0.030	0.50	*U*
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.36	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW6

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0571.d Sampled: 10/15/13 10:40

Initial/Final: 25mL / 25mL Lab ID: 1310091-05 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 16:27

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.065	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene		0.030	0.50	*U*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	5.669	113	65 - 150	
1,2-Dichloroethane-d4	5.000	5.351	107	59 - 150	
Toluene-d8	5.000	5.068	101	61 - 145	
Bromofluorobenzene	5.000	4.796	96	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-MW7

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-06 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony		0.0260	2.00	1	U	EPA 6020A	3J25001	10/23/13 14:12
7440-38-2	Arsenic	0.501	0.140	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:12
7440-39-3	Barium	55.0	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:12
7440-41-7	Beryllium		0.0330	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:12
7440-43-9	Cadmium	0.0276	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:12
7440-47-3	Chromium	0.328	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:12
7440-48-4	Cobalt	5.56	0.00950	1.00	1		EPA 6020A	3J25001	10/23/13 14:12
7440-50-8	Copper	0.981	0.120	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:12
7439-92-1	Lead	0.0355	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:12
7440-02-0	Nickel	4.59	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:12
7782-49-2	Selenium	1.05	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:12
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:12
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:12
7440-62-2	Vanadium	7.06	0.0560	5.00	1		EPA 6020A	3J25001	10/23/13 14:12
7440-66-6	Zinc	2.39	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:12

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW7

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0671.d Sampled: 10/15/13 11:12

Initial/Final: 25mL / 25mL Lab ID: 1310091-06 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 16:57

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	4.4	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene	0.30	0.030	0.50	*J*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene	3.7	0.020	0.50	
75-00-3	Chloroethane; Ethyl chloride	4.0	0.20	0.50	
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene	11	0.030	0.50	
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride	1.9	0.020	0.50	
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	3.5	0.030	0.50	
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe	0.061	0.050	0.50	*J*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.60	0.020	0.50	*B*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW7

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0671.d Sampled: 10/15/13 11:12

Initial/Final: 25mL / 25mL Lab ID: 1310091-06 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 16:57

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.094	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene	0.090	0.030	0.50	*J*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride	0.58	0.070	0.50	
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	6.037	121	65 - 150	
1,2-Dichloroethane-d4	5.000	5.091	102	59 - 150	
Toluene-d8	5.000	5.009	100	61 - 145	
Bromofluorobenzene	5.000	4.675	94	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-MW7d

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-07 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony		0.0260	2.00	1	U	EPA 6020A	3J25001	10/23/13 14:17
7440-38-2	Arsenic		0.140	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:17
7440-39-3	Barium	22.0	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:17
7440-41-7	Beryllium		0.0330	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:17
7440-43-9	Cadmium	0.0298	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:17
7440-47-3	Chromium	0.236	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:17
7440-48-4	Cobalt	0.0752	0.00950	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:17
7440-50-8	Copper	0.967	0.120	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:17
7439-92-1	Lead	0.0508	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:17
7440-02-0	Nickel	2.21	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:17
7782-49-2	Selenium	0.253	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:17
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:17
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:17
7440-62-2	Vanadium	3.34	0.0560	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:17
7440-66-6	Zinc	3.16	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:17

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW7d

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0771.d Sampled: 10/15/13 11:27

Initial/Final: 25mL / 25mL Lab ID: 1310091-07 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 17:27

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	6.5	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene		0.030	0.50	*U*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene		0.020	0.50	*U*
75-00-3	Chloroethane; Ethyl chloride	1.3	0.20	0.50	
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene	1.2	0.030	0.50	
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride	2.2	0.020	0.50	
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	0.63	0.030	0.50	
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.70	0.020	0.50	*B*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW7d

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0771.d Sampled: 10/15/13 11:27

Initial/Final: 25mL / 25mL Lab ID: 1310091-07 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 17:27

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe	0.069	0.060	0.50	*J*
108-88-3	Toluene	0.071	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene		0.030	0.50	*U*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	6.210	124	65 - 150	
1,2-Dichloroethane-d4	5.000	5.866	117	59 - 150	
Toluene-d8	5.000	5.271	105	61 - 145	
Bromofluorobenzene	5.000	4.852	97	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-MW8

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-08 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony		0.0260	2.00	1	U	EPA 6020A	3J25001	10/23/13 14:19
7440-38-2	Arsenic	0.427	0.140	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:19
7440-39-3	Barium	82.1	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:19
7440-41-7	Beryllium		0.0330	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:19
7440-43-9	Cadmium	1.15	0.0110	1.00	1		EPA 6020A	3J25001	10/23/13 14:19
7440-47-3	Chromium	0.329	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:19
7440-48-4	Cobalt	3.21	0.00950	1.00	1		EPA 6020A	3J25001	10/23/13 14:19
7440-50-8	Copper	5.12	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:19
7439-92-1	Lead	0.0415	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:19
7440-02-0	Nickel	3.03	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:19
7782-49-2	Selenium	1.59	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:19
7440-22-4	Silver	0.00892	0.00800	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:19
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:19
7440-62-2	Vanadium	1.29	0.0560	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:19
7440-66-6	Zinc	10.6	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:19

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW8

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0871.d Sampled: 10/15/13 11:39

Initial/Final: 25mL / 25mL Lab ID: 1310091-08 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 17:56

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	5.5	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene	0.74	0.030	0.50	
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene	17	0.020	0.50	
75-00-3	Chloroethane; Ethyl chloride	0.65	0.20	0.50	
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene	1.2	0.030	0.50	
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride	0.31	0.020	0.50	*J*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	0.14	0.030	0.50	*J*
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.56	0.020	0.50	*B*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW8

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0871.d Sampled: 10/15/13 11:39

Initial/Final: 25mL / 25mL Lab ID: 1310091-08 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 17:56

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.087	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene		0.030	0.50	*U*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes	0.12	0.030	0.50	*J*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	5.790	116	65 - 150	
1,2-Dichloroethane-d4	5.000	5.614	112	59 - 150	
Toluene-d8	5.000	5.170	103	61 - 145	
Bromofluorobenzene	5.000	4.794	96	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-MW9

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-09 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony		0.0260	2.00	1	U	EPA 6020A	3J25001	10/23/13 14:20
7440-38-2	Arsenic	0.164	0.140	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:20
7440-39-3	Barium	52.0	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:20
7440-41-7	Beryllium	0.137	0.0330	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:20
7440-43-9	Cadmium	0.0630	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:20
7440-47-3	Chromium	0.692	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:20
7440-48-4	Cobalt	6.66	0.00950	1.00	1		EPA 6020A	3J25001	10/23/13 14:20
7440-50-8	Copper	2.12	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:20
7439-92-1	Lead	0.257	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:20
7440-02-0	Nickel	2.49	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:20
7782-49-2	Selenium	0.266	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:20
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:20
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:20
7440-62-2	Vanadium	1.40	0.0560	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:20
7440-66-6	Zinc	29.4	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:20

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW9

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0971.d Sampled: 10/15/13 12:19

Initial/Final: 25mL / 25mL Lab ID: 1310091-09 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 18:26

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	4.6	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene		0.030	0.50	*U*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene		0.020	0.50	*U*
75-00-3	Chloroethane; Ethyl chloride		0.20	0.50	*U*
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene		0.030	0.50	*U*
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride	0.12	0.020	0.50	*J*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	0.13	0.030	0.50	*J*
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.36	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-MW9

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-0971.d Sampled: 10/15/13 12:19

Initial/Final: 25mL / 25mL Lab ID: 1310091-09 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 18:26

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.090	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene		0.030	0.50	*U*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	5.783	116	65 - 150	
1,2-Dichloroethane-d4	5.000	5.653	113	59 - 150	
Toluene-d8	5.000	5.276	106	61 - 145	
Bromofluorobenzene	5.000	5.000	100	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-SW1

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-14 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony	0.0888	0.0260	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:29
7440-38-2	Arsenic	0.490	0.140	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:29
7440-39-3	Barium	50.6	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:29
7440-41-7	Beryllium		0.0330	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:29
7440-43-9	Cadmium	0.0128	0.0110	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:29
7440-47-3	Chromium	0.470	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:29
7440-48-4	Cobalt	1.57	0.00950	1.00	1		EPA 6020A	3J25001	10/23/13 14:29
7440-50-8	Copper	1.63	0.120	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:29
7439-92-1	Lead	0.178	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:29
7440-02-0	Nickel	3.05	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:29
7782-49-2	Selenium	0.390	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:29
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:29
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:29
7440-62-2	Vanadium	1.32	0.0560	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:29
7440-66-6	Zinc	4.23	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:29

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-SW1

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1471.d Sampled: 10/15/13 10:23

Initial/Final: 25mL / 25mL Lab ID: 1310091-14 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 20:55

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	8.4	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene		0.030	0.50	*U*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene		0.020	0.50	*U*
75-00-3	Chloroethane; Ethyl chloride		0.20	0.50	*U*
67-66-3	Chloroform; Trichloromethane	0.084	0.030	0.50	*J*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene		0.030	0.50	*U*
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride		0.020	0.50	*U*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene		0.030	0.50	*U*
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.42	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-SW1

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1471.d Sampled: 10/15/13 10:23

Initial/Final: 25mL / 25mL Lab ID: 1310091-14 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 20:55

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.11	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene		0.030	0.50	*U*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	6.078	122	65 - 150	
1,2-Dichloroethane-d4	5.000	6.109	122	59 - 150	
Toluene-d8	5.000	5.330	107	61 - 145	
Bromofluorobenzene	5.000	5.337	107	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

2903-SW4

Client: BABB & ASSOCIATES, P.A. SDG: 1310091 Project: LEXINGTON

Lab ID: 1310091-15 % Solid: Matrix: Water Sampled: 10/15/13 Received: 10/16/13

CAS NO.	Analyte	Conc. (ug/L)	MDL	RL	D.F.	Q	Method	Sequence	Analyzed
7440-36-0	Antimony	0.0914	0.0260	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:31
7440-38-2	Arsenic	0.407	0.140	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:31
7440-39-3	Barium	33.5	0.100	10.0	1		EPA 6020A	3J25001	10/23/13 14:31
7440-41-7	Beryllium		0.0330	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:31
7440-43-9	Cadmium		0.0110	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:31
7440-47-3	Chromium	0.753	0.0680	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:31
7440-48-4	Cobalt	0.612	0.00950	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:31
7440-50-8	Copper	1.95	0.120	2.00	1	J	EPA 6020A	3J25001	10/23/13 14:31
7439-92-1	Lead	0.372	0.0210	1.00	1	J	EPA 6020A	3J25001	10/23/13 14:31
7440-02-0	Nickel	3.03	0.00910	1.00	1		EPA 6020A	3J25001	10/23/13 14:31
7782-49-2	Selenium	0.317	0.0900	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:31
7440-22-4	Silver		0.00800	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:31
7440-28-0	Thallium		0.0150	1.00	1	U	EPA 6020A	3J25001	10/23/13 14:31
7440-62-2	Vanadium	1.83	0.0560	5.00	1	J	EPA 6020A	3J25001	10/23/13 14:31
7440-66-6	Zinc	4.92	0.120	2.00	1		EPA 6020A	3J25001	10/23/13 14:31

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-SW4

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1571.d Sampled: 10/15/13 13:30

Initial/Final: 25mL / 25mL Lab ID: 1310091-15 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 21:25

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	6.2	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene		0.030	0.50	*U*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene		0.020	0.50	*U*
75-00-3	Chloroethane; Ethyl chloride		0.20	0.50	*U*
67-66-3	Chloroform; Trichloromethane	0.054	0.030	0.50	*J*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene		0.030	0.50	*U*
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride		0.020	0.50	*U*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene		0.030	0.50	*U*
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.41	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-SW4

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1571.d Sampled: 10/15/13 13:30

Initial/Final: 25mL / 25mL Lab ID: 1310091-15 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 21:25

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.079	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene		0.030	0.50	*U*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	5.901	118	65 - 150	
1,2-Dichloroethane-d4	5.000	6.025	120	59 - 150	
Toluene-d8	5.000	5.406	108	61 - 145	
Bromofluorobenzene	5.000	5.303	106	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

Client: SDG: Project:

Lab ID: % Solid: Matrix: Sampled: Received:

A Division Of
Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-TB

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1671.d Sampled: 10/15/13 00:00

Initial/Final: 25mL / 25mL Lab ID: 1310091-16 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 21:54

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
67-64-1	Acetone	5.1	0.44	2.5	*B*
107-13-1	Acrylonitrile		0.36	5.0	*U*
71-43-2	Benzene		0.030	0.50	*U*
74-97-5	Bromochloromethane		0.040	0.50	*U*
75-27-4	Bromodichloromethane		0.030	0.50	*U*
75-25-2	Bromoform; Tribromomethane		0.030	0.50	*U*
75-15-0	Carbon disulfide		0.020	0.50	*U*
56-23-5	Carbon tetrachloride		0.030	0.50	*U*
108-90-7	Chlorobenzene		0.020	0.50	*U*
75-00-3	Chloroethane; Ethyl chloride		0.20	0.50	*U*
67-66-3	Chloroform; Trichloromethane		0.030	0.50	*U*
124-48-1	Dibromochloromethane; Chlorodibromomethane		0.040	0.50	*U*
96-12-8	1,2-Dibromo-3-chlorpropane; DBCP		0.25	0.50	*U*
106-93-4	1,2-Dibromoethane; Ethylene dibromide; EDB		0.040	0.50	*U*
95-50-1	o-Dichlorobenzene; 1,2-Dichlorobenzene		0.030	0.50	*U*
106-46-7	p-Dichlorobenzene; 1,4-Dichlorobenzene		0.030	0.50	*U*
110-57-6	trans-1,4-Dichloro-2-butene		0.33	2.0	*U*
75-34-3	1,1-Dichloroethane; Ethylidene chloride		0.020	0.50	*U*
107-06-2	1,2-Dichloroethane; Ethlyene dichloride		0.030	0.50	*U*
75-35-4	1,1-Dichloroethylene; 1-1-Dichloroethene; Vinylide		0.040	0.50	*U*
156-59-2	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene		0.030	0.50	*U*
156-60-5	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethe		0.050	0.50	*U*
78-87-5	1,2-Dichlorpropane; Propylene dichloride		0.12	0.50	*U*
10061-01-5	cis-1,3-Dichlorpropene		0.040	0.50	*U*
10061-02-6	trans-1,3-Dichlorpropene		0.050	0.50	*U*
100-41-4	Ethylbenzene		0.040	0.50	*U*
591-78-6	2-hexanone; Methyl butyl ketone		0.51	2.5	*U*
74-83-9	Methyl bromide; Bromomethane		0.11	0.50	*U*
74-87-3	Methyl chloride; Chloromethane		0.11	0.50	*U*
74-95-3	Methylene bromide Dibromomethane		0.030	0.50	*U*
75-09-2	Methylene chloride; Dichloromethane	0.43	0.020	0.50	*JB*
78-93-3	Methyl ethyl ketone; MEK; 2-Butanone		0.28	2.5	*U*

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.

ANALYSIS DATA SHEET

SW 8260B

2903-TB

Client: BABB & ASSOCIATES, P.A. SDG 1310091 Project: LEXINGTON

Matrix: Water Preparation: EPA 5030B File ID: 1310091-1671.d Sampled: 10/15/13 00:00

Initial/Final: 25mL / 25mL Lab ID: 1310091-16 Received: 10/16/13 07:56

Dilution: 1 pH: 1 Prepared: 10/29/13 13:20

% Moisture: NA Analyzed: 10/29/13 21:54

Batch: 3102902 Sequence: 3J29005 Calibration: 3102704 Instrument: 5972hp71

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-88-4	Methyl iodide; Iodomethane		0.030	0.50	*U*
108-10-1	4-Methyl-2-pentanone; Methyl isobutyl isobutyl ket		0.42	2.5	*U*
100-42-5	Styrene		0.020	0.50	*U*
630-20-6	1,1,1,2-Tetrachloroethane		0.020	0.50	*U*
79-34-5	1,1,2,2-Tetrachloroethane		0.050	0.50	*U*
127-18-4	Tetrachloroethylene; Tetracholorethene; Perchloroe		0.060	0.50	*U*
108-88-3	Toluene	0.065	0.030	0.50	*JB*
71-55-6	1,1,1-Trichloroethane; Methylchloroform		0.020	0.50	*U*
79-00-5	1,1,2-Trichloroethane		0.040	0.50	*U*
79-01-6	Trichloroethylene; Trichlorethene		0.030	0.50	*U*
75-69-4	Trichlorofluoromethane; CFC-11		0.060	0.50	*U*
96-18-4	1,2,3-Trichloropropane		0.090	0.50	*U*
108-05-4	Vinyl acetate		0.060	0.50	*U*
75-01-4	Vinyl chloride		0.070	0.50	*U*
1330-20-7	Xylenes		0.030	0.50	*U*

SURROGATE RECOVERY RESULTS	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	5.000	6.281	126	65 - 150	
1,2-Dichloroethane-d4	5.000	6.300	126	59 - 150	
Toluene-d8	5.000	5.474	109	61 - 145	
Bromofluorobenzene	5.000	5.040	101	63 - 143	

Environmental Testing Laboratories

CompuChem

A Division Of

Liberty Analytical Corp.