

August 7, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3048934
Purchase Order:	Workorder ID: 4790 Mill

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Wednesday, July 31, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903



Jessica Lee Smith
Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

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SAMPLE SUMMARY

Workorder: 3048934 4790 Mill

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3048934001	4790 Mill SW	Drinking Water	7/31/2019 17:00	7/31/2019 21:12	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3048934 4790 Mill

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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ANALYTICAL RESULTS

Workorder: 3048934 4790 Mill

Lab ID: **3048934001**
Sample ID: **4790 Mill SW**

Date Collected: 7/31/2019 17:00 Matrix: Drinking Water
Date Received: 7/31/2019 21:12

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	82.4		%	70 - 130	EPA 524.2			8/6/19 17:26	TMP	A
4-Bromofluorobenzene (S)	78.8		%	70 - 130	EPA 524.2			8/6/19 17:26	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3048934 4790 Mill

Lab ID	Sample ID	Analysis Method	Prep Method
3048934001	4790 Mill SW	EPA 524.2	

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301 Filling Mill Road
Middletown, PA 17057
P: 717-944-5541
F: 717-944-1430

CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.



of

Client Name: <u>Country Env Assoc.</u>		Condition Type: <u>glass</u>	
Address: <u>PO Box 224</u>		Container Size: <u>Uial</u>	
<u>St. Lotw, PA 19470</u>		Preserve: <u>Yes</u>	
Contact: <u>John Van Wageningen</u>		ANALYSES/METHOD REQUESTED	
Phone#: <u>610-489-6140</u>			
Project Name/ID: <u>4790 Mill</u>			
Bill To: <u>same</u>			
TAT ☐ Normal-Standard TAT is 10-12 business days.			
☒ Rush-Subject to ALS approval and surcharges.			
Date Required: <u>48 hr.</u> Approved?			
Email?: ☐ -Y ☐ -N			
Fax?: ☐ -Y ☐ -N			
Sample Description/Location (as it will appear on the lab report)		Enter Number of Containers Per Sample or Field Results Below.	
1 <u>4790 Mill SW 7/31/19</u>		17:00 <u>60W3</u>	
2			
3			
4			
5			
6			
7			
8			
9			
10			
SAMPLER BY (Please Print): <u>John Van Wageningen</u>		Sampler Comments:	
Relinquished By / Company Name		Date	
1 <u>John Van Wageningen</u>		7-31-19 1800	
3 <u>Benjamin Van Wageningen</u>		7-31-19 1824	
5 <u>John Van Wageningen</u>		7-31-19 2112	
7			
9			
State Samples Collected In		Special Processing	
NY ☐		USACE ☐	
NJ ☐		USACE/DOD ☐	
PA ☐		Reportable to PADEP? ☐	
other ☐		Sample Disposal Lab ☐	
		Special ☐	
Deliverables		PWSID #	
Standard ☐		Yes ☐ No ☐	
CLP-like ☐		EDDS: Formal Type	
USACE/DOD ☐			

Rev 04/19

ALS SHIPPING ADDRESS: 301 Filling Mill Road, Middletown, PA 17057

* G=Grab; C=Composite

***Matrix - Al=Al; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater



301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: COVENTRY Work Order #: 3018934 Initials: DN Date: 8/1

- | | | | |
|--|-------------|------------|-----------|
| 1. Were airbills / tracking numbers present and recorded?..... | <u>NONE</u> | YES | NO |
| Tracking number: _____ | | | |
| 2. Are Custody Seals on shipping containers intact?..... | <u>NONE</u> | <u>YES</u> | NO |
| 3. Are Custody Seals on sample containers intact?..... | <u>NONE</u> | <u>YES</u> | NO |
| 4. Is there a COC (Chain-of-Custody) present?..... | | <u>YES</u> | NO |
| 5. Are the COC and bottle labels complete, legible and in agreement?..... | | <u>YES</u> | NO |
| 5a. Does the COC contain sample locations?..... | | <u>YES</u> | NO |
| 5b. Does the COC contain date and time of sample collection for all samples?..... | | <u>YES</u> | NO |
| 5c. Does the COC contain sample collectors name?..... | | <u>YES</u> | NO |
| 5d. Does the COC note the type(s) of preservation for all bottles?..... | | <u>YES</u> | NO |
| 5e. Does the COC note the number of bottles submitted for each sample?..... | | <u>YES</u> | NO |
| 5f. Does the COC note the type of sample, composite or grab?..... | | <u>YES</u> | NO |
| 5g. Does the COC note the matrix of the sample(s)?..... | | <u>YES</u> | NO |
| 6. Are all aqueous samples requiring preservation preserved correctly?..... | <u>N/A</u> | <u>YES</u> | NO |
| 7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... | | <u>YES</u> | NO |
| 8. Are all samples within holding times for the requested analyses?..... | | <u>YES</u> | NO |
| 9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)..... | | <u>YES</u> | NO |
| 10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?..... | <u>N/A</u> | YES | <u>NO</u> |
| 11. Were the samples received on ice?..... | | <u>YES</u> | NO |
| 12. Were sample temperatures measured at 0.0-6.0°C..... | | YES | <u>NO</u> |
| 13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below..... | | YES | <u>NO</u> |
| 13a. Are the samples required for SDWA compliance reporting?..... | <u>N/A</u> | YES | NO |
| 13b. Did the client provide a SDWA PWS ID#?..... | <u>N/A</u> | YES | NO |
| 13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... | <u>N/A</u> | YES | NO |
| 13d. Did the client provide the SDWA sample location ID/Description?..... | <u>N/A</u> | YES | NO |
| 13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... | <u>N/A</u> | YES | NO |

Cooler #: _____

Temperature (°C): 9 _____

Thermometer ID: 318 _____

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

→ Temp > 6°
→ Same day

→ No T.B. for 524.

→ P.M. Gave OK to Proceed

Rev. 4/29/2019

August 7, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3049006
Purchase Order:	Workorder ID: 4055 Miller

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Thursday, August 1, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3049006 4055 Miller

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3049006001	4055 Miller SW	Drinking Water	8/1/2019 09:00	8/1/2019 22:18	Mr. John VanWagenen
3049006002	Trip Blank	Drinking Water	8/1/2019 22:18	8/1/2019 22:18	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3049006 4055 Miller

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
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- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
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Standard Acronyms/Flags

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U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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ANALYTICAL RESULTS

Workorder: 3049006 4055 Miller

Lab ID: **3049006001**
Sample ID: **4055 Miller SW**

Date Collected: 8/1/2019 09:00 Matrix: Drinking Water
Date Received: 8/1/2019 22:18

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	79.2		%	70 - 130	EPA 524.2			8/6/19 01:59	TMP	A
4-Bromofluorobenzene (S)	78.2		%	70 - 130	EPA 524.2			8/6/19 01:59	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3049006 4055 Miller

Lab ID: 3049006002

Date Collected: 8/1/2019 22:18

Matrix: Drinking Water

Sample ID: Trip Blank

Date Received: 8/1/2019 22:18

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	80.4		%	70 - 130	EPA 524.2			8/5/19 23:31	TMP	A
4-Bromofluorobenzene (S)	85.1		%	70 - 130	EPA 524.2			8/5/19 23:31	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3052079 4102 Chest

Lab ID	Sample ID	Analysis Method	Prep Method
3052079001	4102 Chest SW	EPA 524.2	
3052079002	Trip Blank	EPA 524.2	

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301 Pulling Mill Road
Middletown, PA 17057
P: 717-944-5541
F: 717-944-1430

CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.



Client Name: <u>Cowcountry Ex. Assoc</u>		Container Type: <u>plastic</u>	ANALYSES/METHOD REQUESTED	
Address: <u>PO Box 224</u>		Container Size: <u>1gal</u>		
Contact: <u>St. Peters, PA 19470</u>		Preservation: <u>HC</u>		
Phone#: <u>610-459-7654</u>				
Project Name#: <u>4102 Chest</u>				
Bill To: <u>same</u>				
TAT ☐ Normal-Standard TAT is 10-12 business days.				
Date Required: ☒ Rush-Subject to ALS approval and surcharges.				
Email? ☐ -Y				
Fax? ☐ -Y No:				
Sample Description/Location (as it will appear on the lab report)		Date Collected mm/dd/yy	Time hr:mm	
1 <u>4102 Chest</u>		<u>8/15/19</u>	<u>1330</u>	
2 <u>Trip Blank</u>				
3				
4				
5				
6				
7				
8				
9				
10				
SAMPLER BY (Please Print): <u>John Van Wageningen</u>		Sampler Comments:		
Delivered By / Company Name		Date	Time	Received By / Company Name
1 <u>John Van Wageningen</u>		<u>8/14</u>	<u>1830</u>	2 <u>John Van Wageningen</u>
3 <u>John Van Wageningen</u>		<u>8/14</u>	<u>1830</u>	4 <u>John Van Wageningen</u>
5 <u>John Van Wageningen</u>				6 <u>John Van Wageningen</u>
7 <u>John Van Wageningen</u>				8 <u>John Van Wageningen</u>
9 <u>John Van Wageningen</u>				10 <u>John Van Wageningen</u>
State Samples Collected In		Special Processing		
NY ☐ NJ ☐ PA ☐		USACE ☐ USACE/DOD ☐		
Reportable to PADEP? Yes ☐ No ☐		Sample Disposal Lab ☐ Special ☐		
PWSID #		EDDS: Formal Type		
other				

Rev 04/19

ALS SHIPPING ADDRESS: 301 Pulling Mill Road, Middletown, PA 17057

* G=Grab; Q=Composite

**Matrix - A=Air; DW=Drinking Water; GW=Groundwater; OL=Oil; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater



301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: Coventry Work Order #: 3052079 Initials: DN Date: 8/16

- | | | | |
|--|-------------|------------|-----------|
| 1. Were airbills / tracking numbers present and recorded?..... | <u>NONE</u> | YES | NO |
| Tracking number: _____ | | | |
| 2. Are Custody Seals on shipping containers intact?..... | NONE | <u>YES</u> | NO |
| 3. Are Custody Seals on sample containers intact?..... | NONE | <u>YES</u> | NO |
| 4. Is there a COC (Chain-of-Custody) present?..... | | <u>YES</u> | NO |
| 5. Are the COC and bottle labels complete, legible and in agreement?..... | | <u>YES</u> | NO |
| 5a. Does the COC contain sample locations?..... | | <u>YES</u> | NO |
| 5b. Does the COC contain date and time of sample collection for all samples?..... | | <u>YES</u> | NO |
| 5c. Does the COC contain sample collectors name?..... | | <u>YES</u> | NO |
| 5d. Does the COC note the type(s) of preservation for all bottles?..... | | <u>YES</u> | NO |
| 5e. Does the COC note the number of bottles submitted for each sample?..... | | <u>YES</u> | NO |
| 5f. Does the COC note the type of sample, composite or grab?..... | | <u>YES</u> | NO |
| 5g. Does the COC note the matrix of the sample(s)?..... | | <u>YES</u> | NO |
| 6. Are all aqueous samples requiring preservation preserved correctly?..... | <u>N/A</u> | YES | NO |
| 7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... | | <u>YES</u> | NO |
| 8. Are all samples within holding times for the requested analyses?..... | | <u>YES</u> | NO |
| 9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)..... | | <u>YES</u> | NO |
| 10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?..... | <u>N/A</u> | <u>YES</u> | NO |
| 11. Were the samples received on ice?..... | | <u>YES</u> | NO |
| 12. Were sample temperatures measured at 0.0-6.0°C..... | | <u>YES</u> | NO |
| 13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below..... | | YES | <u>NO</u> |
| 13a. Are the samples required for SDWA compliance reporting?..... | <u>N/A</u> | YES | NO |
| 13b. Did the client provide a SDWA PWS ID#?..... | <u>N/A</u> | YES | NO |
| 13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... | <u>N/A</u> | YES | NO |
| 13d. Did the client provide the SDWA sample location ID/Description?..... | <u>N/A</u> | YES | NO |
| 13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... | <u>N/A</u> | YES | NO |

Cooler #: _____
Temperature (°C): 4 _____
Thermometer ID: 318 _____
Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Rev. 4/29/2019

August 23, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3052080
Purchase Order:	Workorder ID: 4690 Bachege

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Thursday, August 15, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3052080 4690 Bachege

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3052080001	4690 Bachege SW	Drinking Water	8/15/2019 14:30	8/15/2019 21:53	Collected by Client
3052080002	Trip Blank	Drinking Water	8/15/2019 21:53	8/15/2019 21:53	Collected by Client

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SAMPLE SUMMARY

Workorder: 3052080 4690 Bachege

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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ANALYTICAL RESULTS

Workorder: 3052080 4690 Bachege

Lab ID: 3052080001

Date Collected: 8/15/2019 14:30

Matrix: Drinking Water

Sample ID: 4690 Bachege SW

Date Received: 8/15/2019 21:53

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:09	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:09	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:09	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/22/19 16:09	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:09	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:09	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:09	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:09	TMP	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	90.4		%	70 - 130	EPA 524.2			8/22/19 16:09	TMP	A
4-Bromofluorobenzene (S)	89.5		%	70 - 130	EPA 524.2			8/22/19 16:09	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3052080 4690 Bachege

Lab ID: 3052080002

Date Collected: 8/15/2019 21:53

Matrix: Drinking Water

Sample ID: Trip Blank

Date Received: 8/15/2019 21:53

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:34	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:34	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:34	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/22/19 16:34	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:34	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:34	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:34	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/22/19 16:34	TMP	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	90.6		%	70 - 130	EPA 524.2			8/22/19 16:34	TMP	A
4-Bromofluorobenzene (S)	89.9		%	70 - 130	EPA 524.2			8/22/19 16:34	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3052080 4690 Bachege

Lab ID	Sample ID	Analysis Method	Prep Method
3052080001	4690 Bachege SW	EPA 524.2	
3052080002	Trip Blank	EPA 524.2	

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301 Filling Mill Road
Middletown, PA 17057
P: 717-944-5541
F: 717-944-1430

CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.



of

Client Name: <u>Country Env. Assoc</u>		Container Type: <u>glass</u>		(completed by Receiving Lab)	
Address: <u>PO Box 224</u>		Cooling Size: <u>1/2"</u>		W.O. Temp: <u>22</u> Therm ID: <u>328</u>	
Contact: <u>St. Peter's, PA 19070</u>		Person: <u>HCL</u>		Analyst Initials: <u>308</u>	
Phone#: <u>610-469-8540</u>		Purchase Order #:		Courier/Tracking #:	
Project Name/ID: <u>4690 Backhoe</u>		Project Comments:			
Bill To: <u>same</u>		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other:			
TAT ☐ Normal-Standard TAT is 10-12 business days. ☒ Rush-Subject to ALS approval and surcharges.		Sample/COC Comments			
Date Required: <u>4/8</u> Approved?					
Email? ☐ -Y ☐ -N					
Fax? ☐ -Y ☐ -N					
Sample Description/Location (as it will appear on the lab report)		Date Collected mm/dd/yyyy		Time hh:mm	
1 <u>9690 Backhoe SW</u>		<u>8/15/19</u>		<u>1430</u>	
2 <u>Trip Blank</u>					
3					
4					
5					
6					
7					
8					
9					
10					
SAMPLER COMMENTS: <u>Trip Blank</u>					
Delivered By / Company Name		Date		Time	
1 <u>Country Env. Assoc</u>		<u>8/15/19</u>		<u>1830</u>	
3 <u>Country Env. Assoc</u>		<u>8/15/19</u>		<u>1830</u>	
5 <u>Country Env. Assoc</u>		<u>8/15/19</u>		<u>2153</u>	
7 <u>Country Env. Assoc</u>					
9					
Deliverables		Standard ☐ CLP-like ☐ USACE/DOD ☐		Special Processing ☐ USACE ☐	
Reportable to PADEP? Yes ☐ No ☐		Sample Disposal Lab ☐ Special ☐		State Samples Collected In ☐ NY ☐ NJ ☐ PA ☐	
PWSID #		EDDS: Format Type		other	

* G=Grab; C=Composite **Matrix - AL=Air; DW=Drinking Water; GW=Groundwater; Cl=Cl; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
ALS SHIPPING ADDRESS: 301 Filling Mill Road, Middletown, PA 17057
Rev 04/19

ALS



301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: Coventry Work Order #: 3052080 Initials: DN Date: 8/16

1. Were airbills / tracking numbers present and recorded?..... ☒ NONE YES NO
Tracking number: _____
2. Are Custody Seals on shipping containers intact?..... NONE ☒ YES NO
3. Are Custody Seals on sample containers intact?..... NONE ☒ YES NO
4. Is there a COC (Chain-of-Custody) present?..... ☒ YES NO
5. Are the COC and bottle labels complete, legible and in agreement?..... ☒ YES NO
- 5a. Does the COC contain sample locations?..... ☒ YES NO
- 5b. Does the COC contain date and time of sample collection for all samples?..... ☒ YES NO
- 5c. Does the COC contain sample collectors name?..... ☒ YES NO
- 5d. Does the COC note the type(s) of preservation for all bottles?..... ☒ YES NO
- 5e. Does the COC note the number of bottles submitted for each sample?..... ☒ YES NO
- 5f. Does the COC note the type of sample, composite or grab?..... ☒ YES NO
- 5g. Does the COC note the matrix of the sample(s)?..... ☒ YES NO
6. Are all aqueous samples requiring preservation preserved correctly?..... N/A YES NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... ☒ YES NO
8. Are all samples within holding times for the requested analyses?..... ☒ YES NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)..... ☒ YES NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631 E (LL Hg)?..... N/A ☒ YES NO
11. Were the samples received on ice?..... ☒ YES NO
12. Were sample temperatures measured at 0.0-6.0°C..... ☒ YES NO
13. Are the samples DW matrix? If YES, fill out Reportable Drinking Water questions below..... YES ☒ NO
- 13a. Are the samples required for SDWA compliance reporting?..... N/A YES NO
- 13b. Did the client provide a SDWA PWS ID#?..... N/A YES NO
- 13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... N/A YES NO
- 13d. Did the client provide the SDWA sample location ID/Description?..... N/A YES NO
- 13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... N/A YES NO

Cooler #: _____
Temperature (°C): 2 _____
Thermometer ID: 318 _____
Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Rev. 4/29/2019

ALS

August 13, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: **UST Testing**Workorder: **3050633**

Purchase Order:

Workorder ID: **4140 Chest**

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Thursday, August 8, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3050633 4140 Chest

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3050633001	4140 Chest	Drinking Water	8/7/2019 14:30	8/8/2019 20:55	Collected by Client
3050633002	Trip Blank	Drinking Water	8/8/2019 20:55	8/8/2019 20:55	Collected by Client

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SAMPLE SUMMARY

Workorder: 3050633 4140 Chest

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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ANALYTICAL RESULTS

Workorder: 3050633 4140 Chest

Lab ID: 3050633001

Date Collected: 8/7/2019 14:30

Matrix: Drinking Water

Sample ID: 4140 Chest

Date Received: 8/8/2019 20:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/10/19 06:23	PDK	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 06:23	PDK	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 06:23	PDK	A
Methyl t-Butyl Ether	3.7		ug/L	0.50	EPA 524.2			8/10/19 06:23	PDK	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/10/19 06:23	PDK	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/10/19 06:23	PDK	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/10/19 06:23	PDK	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 06:23	PDK	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 06:23	PDK	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	88.4		%	70 - 130	EPA 524.2			8/10/19 06:23	PDK	A
4-Bromofluorobenzene (S)	85		%	70 - 130	EPA 524.2			8/10/19 06:23	PDK	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3050633 4140 Chest

Lab ID: 3050633002

Date Collected: 8/8/2019 20:55

Matrix: Drinking Water

Sample ID: Trip Blank

Date Received: 8/8/2019 20:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:09	PDK	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:09	PDK	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:09	PDK	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/10/19 05:09	PDK	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:09	PDK	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:09	PDK	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/10/19 05:09	PDK	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:09	PDK	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:09	PDK	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	96.8		%	70 - 130	EPA 524.2			8/10/19 05:09	PDK	A
4-Bromofluorobenzene (S)	94.4		%	70 - 130	EPA 524.2			8/10/19 05:09	PDK	A



Jessica Lee Smith
Project Coordinator

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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3050633 4140 Chest

Lab ID	Sample ID	Analysis Method	Prep Method
3050633001	4140 Chest	EPA 524.2	
3050633002	Trip Blank	EPA 524.2	

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301 Fulling Mill Road
Middletown, PA 17057
P. 717-944-5541
F. 717-944-1430

CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.

Client Name: <i>Country Env. Assoc.</i>		Container Type: <i>glu</i>	W.O. Temp: <i>2</i> Therm <i>1623</i>	
Address: <i>90 Box 224 St. Peters, PA 19470</i>		Container Size: <i>100L</i>	Analyst Initials: _____	
Contact: <i>John Van Wagoner</i>		Preservative: <i>HEC</i>	Courier/Tracking #: _____	
Phone#: <i>610-469-6590</i>		Purchase Order #: _____		
Project Name/ID: <i>4140 Chest</i>		Project Comments: _____		
Bill To: <i>same</i>		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____		
TAT: ☐ Normal-Standard TAT is 10-12 business days. ☒ Rush-Subject to ALS approval and surcharges.		Enter Number of Containers Per Sample or Field Results Below.		
Date Required: <i>48 hr.</i> Approved? _____	Sample Description/Location (as it will appear on the lab report)	Date Collected mm/dd/yyyy	Time hh:mm	Matrix G or C
Email? ☐ Y ☐ N	1 <i>4140 Chest NW</i>	<i>8/19</i>	<i>14:30</i>	<i>G</i>
Fax? ☐ Y ☐ N	2 <i>trip Blank</i>	<i>11</i>	<i>↓</i>	<i>C</i>
	3			
	4			
	5			
	6			
	7			
	8			
	9			
	10			

SAMPLER COMMENTS: <i>John Van Wagoner</i>		Deliverables		Special Processing		State Samples Collected In	
		☐ Standard	☐ CLP-like	☐ USACE	☐ USACE/DOD	☐ NY	☐ NJ
		Reportable to PADEP?		Sample Disposal		☐ PA	
		Yes ☐ No ☐		Lab ☐ Special ☐			
		PWSID #		EDDS: Formal Type		other	
		<i>8/19 2053</i>					

ALS SHIPPING ADDRESS: 301 Fulling Mill Road, Middletown, PA 17057



301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: Coventry Env. Assoc. Work Order #: 3050633 Initials: an Date: 8/9/19

1. Were airbills / tracking numbers present and recorded?.....	<u>NONE</u>	YES	NO
Tracking number: _____			
2. Are Custody Seals on shipping containers intact?.....	<u>NONE</u>	<u>YES</u>	NO
3. Are Custody Seals on sample containers intact?.....	<u>NONE</u>	YES	NO
4. Is there a COC (Chain-of-Custody) present?.....		<u>YES</u>	NO
5. Are the COC and bottle labels complete, legible and in agreement?.....		<u>YES</u>	NO
5a. Does the COC contain sample locations?.....		<u>YES</u>	NO
5b. Does the COC contain date and time of sample collection for all samples?.....		<u>YES</u>	NO
5c. Does the COC contain sample collectors name?.....		<u>YES</u>	NO
5d. Does the COC note the type(s) of preservation for all bottles?.....		<u>YES</u>	NO
5e. Does the COC note the number of bottles submitted for each sample?.....		<u>YES</u>	NO
5f. Does the COC note the type of sample, composite or grab?.....		<u>YES</u>	NO
5g. Does the COC note the matrix of the sample(s)?.....		<u>YES</u>	NO
6. Are all aqueous samples requiring preservation preserved correctly?.....	<u>N/A</u>	<u>YES</u>	NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?.....		<u>YES</u>	NO
8. Are all samples within holding times for the requested analyses?.....		<u>YES</u>	NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.).....		<u>YES</u>	NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?.....	<u>N/A</u>	<u>YES</u>	NO
11. Were the samples received on ice?.....		<u>YES</u>	NO
12. Were sample temperatures measured at 0.0-6.0°C.....		<u>YES</u>	NO
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below.....		YES	<u>NO</u>
13a. Are the samples required for SDWA compliance reporting?.....	<u>N/A</u>	YES	NO
13b. Did the client provide a SDWA PWS ID#?.....	<u>N/A</u>	YES	NO
13c. Are all aqueous unpreserved SDWA samples pH 5-9?.....	<u>N/A</u>	YES	NO
13d. Did the client provide the SDWA sample location ID/Description?.....	<u>N/A</u>	YES	NO
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?.....	<u>N/A</u>	YES	NO

Cooler #: _____

Temperature (°C): 2°C _____

Thermometer ID: 525 _____

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Rev. 4/29/2019

ALS

August 13, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3050630
Purchase Order:	Workorder ID: 4030 Miller

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Thursday, August 8, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903



Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3050630 4030 Miller

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3050630001	4030 Miller	Drinking Water	8/7/2019 15:45	8/8/2019 20:55	Collected by Client
3050630002	Trip Blank	Drinking Water	8/8/2019 20:55	8/8/2019 20:55	Collected by Client

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SAMPLE SUMMARY

Workorder: 3050630 4030 Miller

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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ANALYTICAL RESULTS

Workorder: 3050630 4030 Miller

Lab ID: 3050630001

Date Collected: 8/7/2019 15:45

Matrix: Drinking Water

Sample ID: 4030 Miller

Date Received: 8/8/2019 20:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:58	PDK	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:58	PDK	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:58	PDK	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/10/19 05:58	PDK	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:58	PDK	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:58	PDK	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/10/19 05:58	PDK	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:58	PDK	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:58	PDK	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	86.1		%	70 - 130	EPA 524.2			8/10/19 05:58	PDK	A
4-Bromofluorobenzene (S)	86.3		%	70 - 130	EPA 524.2			8/10/19 05:58	PDK	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3050630 4030 Miller

Lab ID: 3050630002

Date Collected: 8/8/2019 20:55

Matrix: Drinking Water

Sample ID: Trip Blank

Date Received: 8/8/2019 20:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:45	PDK	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:45	PDK	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:45	PDK	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/10/19 04:45	PDK	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:45	PDK	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:45	PDK	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/10/19 04:45	PDK	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:45	PDK	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:45	PDK	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	92.3		%	70 - 130	EPA 524.2			8/10/19 04:45	PDK	A
4-Bromofluorobenzene (S)	92.8		%	70 - 130	EPA 524.2			8/10/19 04:45	PDK	A



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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3050630 4030 Miller

Lab ID	Sample ID	Analysis Method	Prep Method
3050630001	4030 Miller	EPA 524.2	
3050630002	Trip Blank	EPA 524.2	

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301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: Coventry Env. Assoc. Work Order #: 3050630 Initials: an Date: 8/9/19

- | | | | |
|--|-------------|------------|-----------|
| 1. Were airbills / tracking numbers present and recorded?..... | <u>NONE</u> | YES | NO |
| Tracking number: _____ | | | |
| 2. Are Custody Seals on shipping containers intact?..... | <u>NONE</u> | <u>YES</u> | NO |
| 3. Are Custody Seals on sample containers intact?..... | <u>NONE</u> | YES | NO |
| 4. Is there a COC (Chain-of-Custody) present?..... | | <u>YES</u> | NO |
| 5. Are the COC and bottle labels complete, legible and in agreement?..... | | <u>YES</u> | NO |
| 5a. Does the COC contain sample locations?..... | | <u>YES</u> | NO |
| 5b. Does the COC contain date and time of sample collection for all samples?..... | | <u>YES</u> | NO |
| 5c. Does the COC contain sample collectors name?..... | | <u>YES</u> | NO |
| 5d. Does the COC note the type(s) of preservation for all bottles?..... | | <u>YES</u> | NO |
| 5e. Does the COC note the number of bottles submitted for each sample?..... | | <u>YES</u> | NO |
| 5f. Does the COC note the type of sample, composite or grab?..... | | <u>YES</u> | NO |
| 5g. Does the COC note the matrix of the sample(s)?..... | | <u>YES</u> | NO |
| 6. Are all aqueous samples requiring preservation preserved correctly?..... | N/A | <u>YES</u> | NO |
| 7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... | | <u>YES</u> | NO |
| 8. Are all samples within holding times for the requested analyses?..... | | <u>YES</u> | NO |
| 9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)..... | | <u>YES</u> | NO |
| 10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?..... | N/A | <u>YES</u> | NO |
| 11. Were the samples received on ice?..... | | <u>YES</u> | NO |
| 12. Were sample temperatures measured at 0.0-6.0°C..... | | <u>YES</u> | NO |
| 13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below..... | | YES | <u>NO</u> |
| 13a. Are the samples required for SDWA compliance reporting?..... | <u>N/A</u> | YES | NO |
| 13b. Did the client provide a SDWA PWS ID#?..... | <u>N/A</u> | YES | NO |
| 13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... | <u>N/A</u> | YES | NO |
| 13d. Did the client provide the SDWA sample location ID/Description?..... | <u>N/A</u> | YES | NO |
| 13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... | <u>N/A</u> | YES | NO |

Cooler #: _____

Temperature (°C): 2 °C _____

Thermometer ID: 525 _____

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Rev. 4/29/2019

August 13, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3050629
Purchase Order:	Workorder ID: 4030 Chest

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Thursday, August 8, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3050629 4030 Chest

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3050629001	4030 Chest	Drinking Water	8/7/2019 15:00	8/8/2019 20:55	Collected by Client
3050629002	Trip Blank	Drinking Water	8/8/2019 20:55	8/8/2019 20:55	Collected by Client

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SAMPLE SUMMARY

Workorder: 3050629 4030 Chest

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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ANALYTICAL RESULTS

Workorder: 3050629 4030 Chest

Lab ID: 3050629001

Date Collected: 8/7/2019 15:00

Matrix: Drinking Water

Sample ID: 4030 Chest

Date Received: 8/8/2019 20:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:34	PDK	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:34	PDK	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:34	PDK	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/10/19 05:34	PDK	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:34	PDK	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:34	PDK	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/10/19 05:34	PDK	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:34	PDK	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 05:34	PDK	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	81.5		%	70 - 130	EPA 524.2			8/10/19 05:34	PDK	A
4-Bromofluorobenzene (S)	78.3		%	70 - 130	EPA 524.2			8/10/19 05:34	PDK	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3050629 4030 Chest

Lab ID: 3050629002

Date Collected: 8/8/2019 20:55

Matrix: Drinking Water

Sample ID: Trip Blank

Date Received: 8/8/2019 20:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:20	PDK	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:20	PDK	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:20	PDK	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/10/19 04:20	PDK	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:20	PDK	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:20	PDK	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/10/19 04:20	PDK	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:20	PDK	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/10/19 04:20	PDK	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	90.9		%	70 - 130	EPA 524.2			8/10/19 04:20	PDK	A
4-Bromofluorobenzene (S)	92.5		%	70 - 130	EPA 524.2			8/10/19 04:20	PDK	A



Jessica Lee Smith
Project Coordinator

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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3050629 4030 Chest

Lab ID	Sample ID	Analysis Method	Prep Method
3050629001	4030 Chest	EPA 524.2	
3050629002	Trip Blank	EPA 524.2	

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301 Pulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: Coventry Env. Assoc. Work Order #: 3050629 Initials: an Date: 8/9/19

- | | | | |
|--|-------------|------------|-----------|
| 1. Were airbills / tracking numbers present and recorded?..... | <u>NONE</u> | YES | NO |
| Tracking number: _____ | | | |
| 2. Are Custody Seals on shipping containers intact?..... | <u>NONE</u> | <u>YES</u> | NO |
| 3. Are Custody Seals on sample containers intact?..... | <u>NONE</u> | YES | NO |
| 4. Is there a COC (Chain-of-Custody) present?..... | | <u>YES</u> | NO |
| 5. Are the COC and bottle labels complete, legible and in agreement?..... | | <u>YES</u> | NO |
| 5a. Does the COC contain sample locations?..... | | <u>YES</u> | NO |
| 5b. Does the COC contain date and time of sample collection for all samples?..... | | <u>YES</u> | NO |
| 5c. Does the COC contain sample collectors name?..... | | <u>YES</u> | NO |
| 5d. Does the COC note the type(s) of preservation for all bottles?..... | | <u>YES</u> | NO |
| 5e. Does the COC note the number of bottles submitted for each sample?..... | | <u>YES</u> | NO |
| 5f. Does the COC note the type of sample, composite or grab?..... | | <u>YES</u> | NO |
| 5g. Does the COC note the matrix of the sample(s)?..... | | <u>YES</u> | NO |
| 6. Are all aqueous samples requiring preservation preserved correctly?..... | <u>N/A</u> | <u>YES</u> | NO |
| 7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... | | <u>YES</u> | NO |
| 8. Are all samples within holding times for the requested analyses?..... | | <u>YES</u> | NO |
| 9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)..... | | <u>YES</u> | NO |
| 10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?..... | <u>N/A</u> | <u>YES</u> | NO |
| 11. Were the samples received on ice?..... | | <u>YES</u> | NO |
| 12. Were sample temperatures measured at 0:0-6:0°C..... | | <u>YES</u> | NO |
| 13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below..... | | YES | <u>NO</u> |
| 13a. Are the samples required for SDWA compliance reporting?..... | <u>N/A</u> | YES | NO |
| 13b. Did the client provide a SDWA PWS ID#?..... | <u>N/A</u> | YES | NO |
| 13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... | <u>N/A</u> | YES | NO |
| 13d. Did the client provide the SDWA sample location ID/Description?..... | <u>N/A</u> | YES | NO |
| 13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... | <u>N/A</u> | YES | NO |

Cooler #: _____

Temperature (°C): 2 C

Thermometer ID: 525

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Rev. 4/29/2019

ALS

August 7, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3048934
Purchase Order:	Workorder ID: 4790 Mill

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Wednesday, July 31, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

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Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3048934 4790 Mill

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3048934001	4790 Mill SW	Drinking Water	7/31/2019 17:00	7/31/2019 21:12	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3048934 4790 Mill

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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ANALYTICAL RESULTS

Workorder: 3048934 4790 Mill

Lab ID: 3048934001

Date Collected: 7/31/2019 17:00

Matrix: Drinking Water

Sample ID: 4790 Mill SW

Date Received: 7/31/2019 21:12

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 17:26	TMP	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	82.4		%	70 - 130	EPA 524.2			8/6/19 17:26	TMP	A
4-Bromofluorobenzene (S)	78.8		%	70 - 130	EPA 524.2			8/6/19 17:26	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3048934 4790 Mill

Lab ID	Sample ID	Analysis Method	Prep Method
3048934001	4790 Mill SW	EPA 524.2	

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301 Filling Mill Road
Middletown, PA 17057
P. 717-944-5541
F. 717-944-1430

CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.



Client Name: <u>Country Env Assoc.</u>		Container Type: <u>Glass</u>	
Address: <u>PO Box 224</u>		Container Size: <u>Vial</u>	
<u>St. Lotu, PA 19470</u>		Preservative: <u>None</u>	
Contact: <u>John Van Wagoner</u>		ANALYSES/METHOD REQUESTED	
Phone#: <u>610-489-6540</u>			
Project Name#: <u>4790 Mill</u>			
Bill To: <u>same</u>			
TAT ☐ Normal-Standard TAT is 10-12 business days.			
☒ Rush-Subject to ALS approval and surcharges.			
Date Required: <u>48 hr.</u> Approved?			
Email?: ☐ -Y ☐ -N			
Fax?: ☐ -Y ☐ -N			
Sample Description/Location (as it will appear on the lab report)		Enter Number of Containers Per Sample or Field Results Below.	
1 <u>4790 Mill SW 7/31/19</u>		17:00 <u>6-CW3</u>	
2			
3			
4			
5			
6			
7			
8			
9			
10			
SAMPLER COMMENTS: <u>John Van Wagoner</u>		Special Processing: ☐ USACE ☐ CLP-like ☐ USACE/DOD	
Relinquished By / Company Name		State Samples Collected In: ☐ NY ☐ NJ ☐ PA	
1 <u>John Van Wagoner</u>		Sample Disposal: ☐ Lab ☐ Special	
3 <u>Benjamin J. Courrier</u>		Reportable to PADEP? ☐ Yes ☐ No	
5 <u>Benjamin J. Courrier</u>		PWSID #	
7 <u>Benjamin J. Courrier</u>		EDDS: Formal Type	
9 <u>Benjamin J. Courrier</u>		other	



301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: COVENTRY Work Order #: 3048934 Initials: DN Date: 8/1

1. Were airbills / tracking numbers present and recorded?..... NONE YES NO
Tracking number: _____
2. Are Custody Seals on shipping containers intact?..... NONE YES NO
3. Are Custody Seals on sample containers intact?..... NONE YES NO
4. Is there a COC (Chain-of-Custody) present?..... YES NO
5. Are the COC and bottle labels complete, legible and in agreement?..... YES NO
- 5a. Does the COC contain sample locations?..... YES NO
- 5b. Does the COC contain date and time of sample collection for all samples?..... YES NO
- 5c. Does the COC contain sample collectors name?..... YES NO
- 5d. Does the COC note the type(s) of preservation for all bottles?..... YES NO
- 5e. Does the COC note the number of bottles submitted for each sample?..... YES NO
- 5f. Does the COC note the type of sample, composite or grab?..... YES NO
- 5g. Does the COC note the matrix of the sample(s)?..... YES NO
6. Are all aqueous samples requiring preservation preserved correctly?..... N/A YES NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... YES NO
8. Are all samples within holding times for the requested analyses?..... YES NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)..... YES NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?..... N/A YES NO
11. Were the samples received on ice?..... YES NO
12. Were sample temperatures measured at 0.0-6.0°C..... YES NO
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below..... YES NO
- 13a. Are the samples required for SDWA compliance reporting?..... N/A YES NO
- 13b. Did the client provide a SDWA PWS ID#?..... N/A YES NO
- 13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... N/A YES NO
- 13d. Did the client provide the SDWA sample location ID/Description?..... N/A YES NO
- 13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... N/A YES NO

Cooler #: _____

Temperature (°C): 9

Thermometer ID: 318

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

→ Temp > 60
→ Same day

→ No T.B. for 524.

→ P.M. Gave OK to Proceed

Rev. 4/29/2019

August 7, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: **UST Testing**Workorder: **3049006**

Purchase Order:

Workorder ID: **4055 Miller**

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Thursday, August 1, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3049006 4055 Miller

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3049006001	4055 Miller SW	Drinking Water	8/1/2019 09:00	8/1/2019 22:18	Mr. John VanWagenen
3049006002	Trip Blank	Drinking Water	8/1/2019 22:18	8/1/2019 22:18	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3049006 4055 Miller

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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ANALYTICAL RESULTS

Workorder: 3049006 4055 Miller

Lab ID: **3049006001**
Sample ID: **4055 Miller SW**

Date Collected: 8/1/2019 09:00 Matrix: Drinking Water
Date Received: 8/1/2019 22:18

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/6/19 01:59	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	79.2		%	70 - 130	EPA 524.2			8/6/19 01:59	TMP	A
4-Bromofluorobenzene (S)	78.2		%	70 - 130	EPA 524.2			8/6/19 01:59	TMP	A



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Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3049006 4055 Miller

Lab ID: **3049006002**

Date Collected: 8/1/2019 22:18

Matrix: Drinking Water

Sample ID: **Trip Blank**

Date Received: 8/1/2019 22:18

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			8/5/19 23:31	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	80.4		%	70 - 130	EPA 524.2			8/5/19 23:31	TMP	A
4-Bromofluorobenzene (S)	85.1		%	70 - 130	EPA 524.2			8/5/19 23:31	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3049006 4055 Miller

Lab ID	Sample ID	Analysis Method	Prep Method
3049006001	4055 Miller SW	EPA 524.2	
3049006002	Trip Blank	EPA 524.2	

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301 Fulling Mill Road
Middletown, PA 17057
P: 717-944-5541
F: 717-944-1430

CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.



Client Name: <u>Country Env. Assoc.</u>		Container Type: <u>5 Gall</u>		
Address: <u>Po Box 224</u>		Container Size: <u>1 Gall</u>		
<u>St. Peters, PA 19470</u>		Preserve: <u>Yes</u>		
Contact: <u>John Van Wageningen</u>		ANALYSES/METHOD REQUESTED		
Phone#: <u>610-469-6540</u>				
Project Name#: <u>4055 Miller</u>				
Bill To: <u>same</u>				
TAT ☐ Normal-Standard TAT is 10-12 business days.				
Date Required: ☒ Rush-Subject to ALS approval and surcharges.				
Email? ☐ -Y ☐ -N				
Fax? ☐ -Y ☐ -N				
Sample Description/Location (as it will appear on the lab report)		Date Collected mm/dd/yy	Time hh:mm	Matrix
1 <u>4055 Miller sw</u>		<u>8/1/19</u>	<u>9:00</u>	<u>G-Gr</u>
2 <u>trip blank</u>				
3				
4				
5				
6				
7				
8				
9				
10				
Enter Number of Containers Per Sample or Field Results Below.				
ALS Field Services: ☐ Pickup ☐ Labor				
☐ Composite Sampling ☐ Rental Equipment				
Other:				
Sample/COC Comments				
State Samples Collected In: ☐ NY ☐ NJ ☐ PA ☐ other				
Special Processing: ☐ USACE ☐ CLP-like ☐ USACE/DOD				
Data Deliverables: ☐ Standard ☐ CLP-like ☐ USACE/DOD				
Reportable to PADEP? ☐ Yes ☐ No				
PWSID # <u>2218</u>				
EDDS: Formal Type <u>WW</u>				
SAMPLER COMMENTS: <u>John Van Wageningen</u>				
Relinquished By/ Company Name		Date	Time	Received By / Company Name
1 <u>John Van Wageningen</u>		<u>8-1-19</u>	<u>1656</u>	<u>Beverly Wagoner</u>
3 <u>Beverly Wagoner</u>		<u>8-1-19</u>	<u>1654</u>	<u>ALS Count</u>
5 <u>ALS Count</u>				<u>John Van Wageningen</u>
7				
9				



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Condition of Sample Receipt Form

Client: <u>Coventry</u>	Work Order #: <u>3049006</u>	Initials: <u>JAS</u>	Date: <u>8/1/19</u>
1. Were airbills / tracking numbers present and recorded?..... <u>NONE</u> YES NO Tracking number: _____			
2. Are Custody Seals on shipping containers intact?..... <u>NONE</u> <u>YES</u> NO			
3. Are Custody Seals on sample containers intact?..... <u>NONE</u> <u>YES</u> NO			
4. Is there a COC (Chain-of-Custody) present?..... <u>YES</u> NO			
5. Are the COC and bottle labels complete, legible and in agreement?..... <u>YES</u> NO			
5a. Does the COC contain sample locations?..... <u>YES</u> NO			
5b. Does the COC contain date and time of sample collection for all samples?..... <u>YES</u> NO			
5c. Does the COC contain sample collectors name?..... <u>YES</u> NO			
5d. Does the COC note the type(s) of preservation for all bottles?..... <u>YES</u> NO			
5e. Does the COC note the number of bottles submitted for each sample?..... <u>YES</u> NO			
5f. Does the COC note the type of sample, composite or grab?..... <u>YES</u> NO			
5g. Does the COC note the matrix of the sample(s)?..... <u>YES</u> NO			
6. Are all aqueous samples requiring preservation preserved correctly?..... N/A <u>YES</u> NO			
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... <u>YES</u> NO			
8. Are all samples within holding times for the requested analyses?..... <u>YES</u> NO			
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)..... YES <u>NO</u>			
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631 E (LL Hg)?..... N/A <u>YES</u> NO			
11. Were the samples received on ice?..... <u>YES</u> NO			
12. Were sample temperatures measured at 0.0-6.0°C..... <u>YES</u> NO			
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below..... YES <u>NO</u>			
13a. Are the samples required for SDWA compliance reporting?..... <u>N/A</u> YES NO			
13b. Did the client provide a SDWA PWS ID#?..... <u>N/A</u> YES NO			
13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... <u>N/A</u> YES NO			
13d. Did the client provide the SDWA sample location ID/Description?..... <u>N/A</u> YES NO			
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... <u>N/A</u> YES NO			

Cooler #: _____

Temperature (°C): 2°C

Thermometer ID: 308

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

GW - not reportable Headspace in every vial + BOTH TB vials.
JAS/las 8/1/19

Rev. 4/29/2019

ALS

July 26, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3047228
Purchase Order:	Workorder ID: 4001 Robert

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, July 23, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903



Jessica Lee Smith
Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

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SAMPLE SUMMARY

Workorder: 3047228 4001 Robert

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3047228001	4001 Robertson	Drinking Water	7/23/2019 15:00	7/23/2019 21:39	Collected by Client
3047228002	Trip Blank	Drinking Water	7/23/2019 21:39	7/23/2019 21:39	Collected by Client

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SAMPLE SUMMARY

Workorder: 3047228 4001 Robert

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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PROJECT SUMMARY

Workorder: 3047228 4001 Robert

Sample Comments

Lab ID: 3047228002

Sample ID: Trip Blank

Sample Type: SAMPLE

This sample was cancelled per project specifications.

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ANALYTICAL RESULTS

Workorder: 3047228 4001 Robert

Lab ID: 3047228001

Date Collected: 7/23/2019 15:00

Matrix: Drinking Water

Sample ID: 4001 Robertson

Date Received: 7/23/2019 21:39

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/25/19 02:08	PDK	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/25/19 02:08	PDK	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			7/25/19 02:08	PDK	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			7/25/19 02:08	PDK	A
Naphthalene	ND	2,3	ug/L	0.50	EPA 524.2			7/25/19 02:08	PDK	A
Toluene	ND	1	ug/L	0.50	EPA 524.2			7/25/19 02:08	PDK	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/25/19 02:08	PDK	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/25/19 02:08	PDK	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/25/19 02:08	PDK	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	88.1		%	70 - 130	EPA 524.2			7/25/19 02:08	PDK	A
4-Bromofluorobenzene (S)	84.9		%	70 - 130	EPA 524.2			7/25/19 02:08	PDK	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3047228 4001 Robert

Lab ID: 3047228002

Date Collected: 7/23/2019 21:39

Matrix: Drinking Water

Sample ID: Trip Blank

Date Received: 7/23/2019 21:39

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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ADMINISTRATIVE

Sample Cancelled

CANCEL

7/26/19 11:59 CPK

Jessica Lee Smith
Project Coordinator**ALS Environmental Laboratory Locations Across North America**Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
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ANALYTICAL RESULTSWorkorder: 3047228 4001 Robert

PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
3047228001	1	4001 Robertson	EPA 524.2	Toluene
The QC sample type MS for method EPA 524.2 was outside the control limits for the analyte Toluene. The % Recovery was reported as 131 and the control limits were 70 to 130.				
3047228001	2	4001 Robertson	EPA 524.2	Naphthalene
The QC sample type MS for method EPA 524.2 was outside the control limits for the analyte Naphthalene. The % Recovery was reported as 36.1 and the control limits were 70 to 130.				
3047228001	3	4001 Robertson	EPA 524.2	Naphthalene
The QC sample type MSD for method EPA 524.2 was outside the control limits for the analyte Naphthalene. The RPD was reported as 79.3 and the upper control limit is 40.				

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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3047228 4001 Robert

Lab ID	Sample ID	Analysis Method	Prep Method
3047228001	4001 Robertson	EPA 524.2	

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ANALYTICAL RESULTS

Workorder: 3046694 4101 Chestnut-SW

Lab ID: 3046694001

Date Collected: 7/19/2019 16:00

Matrix: Drinking Water

Sample ID: 4101 Chestnut-SW

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:20	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:20	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:20	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			7/22/19 20:20	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:20	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:20	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/22/19 20:20	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:20	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:20	TMP	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	72.9		%	70 - 130	EPA 524.2			7/22/19 20:20	TMP	A
4-Bromofluorobenzene (S)	72.5		%	70 - 130	EPA 524.2			7/22/19 20:20	TMP	A



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ANALYTICAL RESULTS

Workorder: 3046694 4101 Chestnut-SW

Lab ID: **3046694002**

Date Collected: 7/19/2019 21:13

Matrix: Drinking Water

Sample ID: **Trip Blank**

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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ADMINISTRATIVE

Sample Cancelled

CANCEL

7/23/19 14:49 CPK

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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3046694 4101 Chestnut-SW

Lab ID	Sample ID	Analysis Method	Prep Method
3046694001	4101 Chestnut-SW	EPA 524.2	

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F: 717-944-1430

CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.

14 of

Client Name: <u>Coventry Gov. Assoc.</u>		Container Type: <u>glass</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Address: <u>PO Box 224</u> <u>St. Peters, PA 19470</u>		Container Size: <u>Vial</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Contact: <u>John Wagner</u>		Penicillin: <u>YES</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Phone#: <u>610-469-1654</u>		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Project Name/ID: <u>4101 Chestnut</u>		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Bill To: <u>same</u>		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
TAT: ☐ Normal-Standard TAT is 10-12 business days. ☒ Rush-Subject to ALS approval and surcharges.		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Date Required: <u>48</u> Approved?		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Email? ☐ Y ☐ N		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Fax? ☐ Y ☐ N		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Sample Description/Location (as it will appear on the lab report)		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
1 <u>4101 Chestnut - SW</u>		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
2 <u>trip Blank</u>		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
3		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
4		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
5		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
6		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
7		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
8		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
9		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
10		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
SAMPLER BY (Please Print)		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Requisitioned By / Company Name		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
1 <u>John Van Way</u>		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
3 <u>Beverly Wagner</u>		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
5 <u>COMMON COURIER</u>		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
7 <u>COMMON COURIER</u>		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
9		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Special Processing		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
USACE		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
CLP-like		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
USACE/DOD		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Reportable to PADEP?		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Yes ☐ No ☐		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
PWSID #		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
EDDS: Formal Type		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
State Samples Collected In		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
NY ☐ NJ ☐ PA ☐		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Sample Disposal		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	
Lab ☐ Special ☐		Matrix: <u>PROB uncontaminated</u>	Date: <u>7/19/19</u> Time: <u>16:00</u>		Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment Other: _____	



301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: <u>Coventry Env. Assoc.</u>	Work Order #: <u>3046694</u>	Initials: <u>SAS</u>	Date: <u>7/19/19</u>
1. Were airbills / tracking numbers present and recorded? <u>NONE</u> YES NO			
Tracking number: _____			
2. Are Custody Seals on shipping containers intact? <u>NONE</u> <u>YES</u> NO			
3. Are Custody Seals on sample containers intact? <u>NONE</u> YES NO			
4. Is there a COC (Chain-of-Custody) present? <u>YES</u> NO			
5. Are the COC and bottle labels complete, legible and in agreement? <u>YES</u> NO			
5a. Does the COC contain sample locations? <u>YES</u> NO			
5b. Does the COC contain date and time of sample collection for all samples? <u>YES</u> NO			
5c. Does the COC contain sample collectors name? <u>YES</u> NO			
5d. Does the COC note the type(s) of preservation for all bottles? <u>YES</u> NO			
5e. Does the COC note the number of bottles submitted for each sample? <u>YES</u> NO			
5f. Does the COC note the type of sample, composite or grab? <u>YES</u> NO			
5g. Does the COC note the matrix of the sample(s)? <u>YES</u> NO			
6. Are all aqueous samples requiring preservation preserved correctly? N/A <u>YES</u> NO			
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume? <u>YES</u> NO			
8. Are all samples within holding times for the requested analyses? <u>YES</u> NO			
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.) YES <u>NO</u>			
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)? N/A <u>YES</u> NO			
11. Were the samples received on ice? <u>YES</u> NO			
12. Were sample temperatures measured at 0.0-6.0°C. <u>YES</u> NO			
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below YES <u>NO</u>			
13a. Are the samples required for SDWA compliance reporting? <u>N/A</u> YES NO			
13b. Did the client provide a SDWA PWS ID#? <u>N/A</u> YES NO			
13c. Are all aqueous unpreserved SDWA samples pH 5-9? <u>N/A</u> YES NO			
13d. Did the client provide the SDWA sample location ID/Description? <u>N/A</u> YES NO			
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)? <u>N/A</u> YES NO			
Cooler #: _____			
Temperature (°C): <u>6°C</u>			
Thermometer ID: <u>525</u>			
Radiological (µCi): _____			

COMMENTS (Required for all NO responses above and any sample non-conformance):

Headspace in all vials. NOT Reportable. SAS/MS 7/19/19

Rev. 4/29/2019

ALS

Tuesday, July 23, 2019 4:23:18 PM

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6/3/2020 12:41:53 PM

July 23, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3046690
Purchase Order:	Workorder ID: 4778 Buckeye

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Friday, July 19, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903



Jessica Lee Smith
Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

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SAMPLE SUMMARY

Workorder: 3046690 4778 Buckeye

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3046690001	4778 Buckeye	Drinking Water	7/18/2019 11:00	7/19/2019 21:13	Mr. John VanWagenen
3046690002	Trip Blank	Drinking Water	7/19/2019 21:13	7/19/2019 21:13	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3046690 4778 Buckeye

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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PROJECT SUMMARY

Workorder: 3046690 4778 Buckeye

Sample Comments

Lab ID: 3046690002

Sample ID: Trip Blank

Sample Type: SAMPLE

This sample was cancelled per project specifications.

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ANALYTICAL RESULTS

Workorder: 3046690 4778 Buckeye

Lab ID: **3046690001**
Sample ID: **4778 Buckeye**

Date Collected: 7/18/2019 11:00 Matrix: Drinking Water
Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:43	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:43	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:43	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			7/22/19 18:43	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:43	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:43	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/22/19 18:43	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:43	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:43	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	74.2		%	70 - 130	EPA 524.2			7/22/19 18:43	TMP	A
4-Bromofluorobenzene (S)	76.4		%	70 - 130	EPA 524.2			7/22/19 18:43	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3046690 4778 Buckeye

Lab ID: 3046690002

Date Collected: 7/19/2019 21:13

Matrix: Drinking Water

Sample ID: Trip Blank

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
------------	---------	------	-------	-----	--------	----------	----	----------	----	------

ADMINISTRATIVE

Sample Cancelled CANCEL

7/23/19 14:46 CPK



Jessica Lee Smith
Project Coordinator

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**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 3046690 4778 Buckeye

Lab ID	Sample ID	Analysis Method	Prep Method
3046690001	4778 Buckeye	EPA 524.2	

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P. 717-944-5541
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Environmental

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/
SAMPLER. INSTRUCTIONS ON THE BACK.

Page _____ of _____
Courier: _____
Tracking #: _____



Co. Name: County Env. Assoc		Bill to (if different than Report to): same		PO#:	
Contact (Report to): John Van Vogan Phone: 610-969-6540		Project Name/ID: 4778 Backage		ALS Quote #:	
Address: PO Box 224 St-Peters, PA 19470		TAT: ☒ Normal-Standard TAT is 10-12 business days. ☒ Rush-Subject to ALS approval and surcharges.		Date Required: 4/8	
Email? ☒ Fax? ☒		Sample Description/Location (as it will appear on the lab report)		COC Comments	
1 4778 Backage SW		Sample Date: 7/18/19 11:00		Military Time	
2 Trip Blank		3		2	
3		4		5	
4		5		6	
5		6		7	
6		7		8	
7		8		9	
8		9		10	
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98		99		100	



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Condition of Sample Receipt Form

Client:	Work Order #:	Initials:	Date:
Coventry Env. Assoc.	3046690	SAS	7/19/19

Question	Response	YES	NO
1. Were airbills / tracking numbers present and recorded?.....	NONE		
Tracking number: _____			
2. Are Custody Seals on shipping containers intact?.....	NONE	YES	NO
3. Are Custody Seals on sample containers intact?.....	NONE	YES	NO
4. Is there a COC (Chain-of-Custody) present?.....	YES		
5. Are the COC and bottle labels complete, legible and in agreement?.....	YES		
5a. Does the COC contain sample locations?.....	YES		
5b. Does the COC contain date and time of sample collection for all samples?.....	YES		
5c. Does the COC contain sample collectors name?.....	YES		
5d. Does the COC note the type(s) of preservation for all bottles?.....	YES		
5e. Does the COC note the number of bottles submitted for each sample?.....	YES		
5f. Does the COC note the type of sample, composite or grab?.....	YES		
5g. Does the COC note the matrix of the sample(s)?.....	YES		
6. Are all aqueous samples requiring preservation preserved correctly?.....	N/A	YES	NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?.....	YES		
8. Are all samples within holding times for the requested analyses?.....	YES		
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.).....	YES		NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?.....	N/A	YES	NO
11. Were the samples received on ice?.....	YES		
12. Were sample temperatures measured at 0.0-6.0°C.....	YES		
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below.....	YES		NO
13a. Are the samples required for SDWA compliance reporting?.....	N/A	YES	NO
13b. Did the client provide a SDWA PWS ID#?.....	N/A	YES	NO
13c. Are all aqueous unpreserved SDWA samples pH 5-9?.....	N/A	YES	NO
13d. Did the client provide the SDWA sample location ID/Description?.....	N/A	YES	NO
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?.....	N/A	YES	NO

Cooler #: _____
Temperature (°C): 6°C
Thermometer ID: 525
Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Headspace in all vials. NOT Reportable. SAS/mg 7/19/19

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Tuesday, July 23, 2019 4:23:05 PM

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6/3/2020 12:42:01 PM

July 23, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3046689
Purchase Order:	Workorder ID: 4018 Miller

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Friday, July 19, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903



Jessica Lee Smith
Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

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SAMPLE SUMMARY

Workorder: 3046689 4018 Miller

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3046689001	4018 Miller 500	Drinking Water	7/18/2019 15:30	7/19/2019 21:13	Mr. John VanWagenen
3046689002	Trip Blank	Drinking Water	7/19/2019 21:13	7/19/2019 21:13	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3046689 4018 Miller

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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PROJECT SUMMARY

Workorder: 3046689 4018 Miller

Sample Comments

Lab ID: 3046689002

Sample ID: Trip Blank

Sample Type: SAMPLE

This sample was cancelled per project specifications.

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ANALYTICAL RESULTS

Workorder: 3046689 4018 Miller

Lab ID: **3046689001**
Sample ID: **4018 Miller 500**

Date Collected: 7/18/2019 15:30 Matrix: Drinking Water
Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:19	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:19	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:19	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			7/22/19 18:19	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:19	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:19	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/22/19 18:19	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:19	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 18:19	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	77.3		%	70 - 130	EPA 524.2			7/22/19 18:19	TMP	A
4-Bromofluorobenzene (S)	77.2		%	70 - 130	EPA 524.2			7/22/19 18:19	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3046689 4018 Miller

Lab ID: **3046689002**

Date Collected: 7/19/2019 21:13

Matrix: Drinking Water

Sample ID: **Trip Blank**

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
------------	---------	------	-------	-----	--------	----------	----	----------	----	------

ADMINISTRATIVE

Sample Cancelled

CANCEL

7/23/19 14:46 CPK

Jessica Lee Smith
Project Coordinator**ALS Environmental Laboratory Locations Across North America**Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3046689 4018 Miller

Lab ID	Sample ID	Analysis Method	Prep Method
3046689001	4018 Miller 500	EPA 524.2	

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Environmental

34 Dogwood Lane
Middletown, PA 17057
P. 717-944-5541
F. 717-944-1430

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/
SAMPLER. INSTRUCTIONS ON THE BACK.

Page of
Courier:
Tracking #:



Co. Name: <u>Canary Env. Assoc.</u>		Phone: <u>610-469-6540</u>	
Contact (Report to): <u>John Van Orogen</u>			
Address: <u>PO Box 224</u>			
<u>St. Peter, PA 19470</u>			
Bill to (if different than Report to): <u>same</u>		PO#: <u> </u>	
Project Name#: <u>4018 Miller</u>		ALS Quote #: <u> </u>	
TAT: ☐ Normal-Standard TAT is 10-12 business days.		Date Required: <u> </u>	
☒ Rush-Subject to ALS approval and surcharges.		Approved By: <u>48</u>	
Email? ☐	Fax? ☐	No: <u> </u>	
Sample Description/Location (as it will appear on the tag report)		COC Comments	Sample Date
1 <u>4018 Miller SW</u>			<u>7/18/19 1530</u>
2 <u>Trip Blank</u>			<u>2</u>
3			
4			
5			
6			
7			
8			
SAMPLED BY (Please Print): <u>John Van Orogen</u>		Project Comments:	
Relinquished By / Company Name		Date	Time
1 <u>John Van Orogen</u>		<u>7-18-19</u>	<u>1235</u>
3 <u>John Van Orogen</u>		<u>7-18-19</u>	<u>1755</u>
5 <u>COMMON COURIER</u>		<u>7-19-19</u>	<u>1755</u>
7 <u>COMMON COURIER</u>		<u>7-19-19</u>	<u>1755</u>
9			

Container Type: <u>GLASS</u>		Type: <u>1 pint</u>		Size: <u>1 pint</u>		Preservative: <u>None</u>																															
ANALYSES/METHOD REQUESTED																																					
Enter Number of Containers Per Analysis																																					
<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>								1	2	3	4	5	6	7	8																						
1	2	3	4	5	6	7	8																														
<table border="1"> <tr> <td>Correct containers?</td> <td>Correct sample volume?</td> <td>Correct preservation?</td> <td>Headspace/Volatiles?</td> <td>Container in good condition?</td> <td>COC/Labels complete/accurate?</td> <td>Received on ice?</td> <td>(If present) Seals intact?</td> <td>Custody seals Present?</td> </tr> <tr> <td>Y</td> <td>Y</td> <td>Y</td> <td>Y</td> <td>Y</td> <td>Y</td> <td>Y</td> <td>Y</td> <td>Y</td> </tr> </table>								Correct containers?	Correct sample volume?	Correct preservation?	Headspace/Volatiles?	Container in good condition?	COC/Labels complete/accurate?	Received on ice?	(If present) Seals intact?	Custody seals Present?	Y	Y	Y	Y	Y	Y	Y	Y	Y												
Correct containers?	Correct sample volume?	Correct preservation?	Headspace/Volatiles?	Container in good condition?	COC/Labels complete/accurate?	Received on ice?	(If present) Seals intact?	Custody seals Present?																													
Y	Y	Y	Y	Y	Y	Y	Y	Y																													
<table border="1"> <tr> <td>STWA Form 703</td> <td>Standard</td> <td>CLP-like</td> <td>NJ-Reduced</td> <td>NJ-Full</td> <td>Other</td> </tr> <tr> <td>yes</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>yes</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>yes</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>yes</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								STWA Form 703	Standard	CLP-like	NJ-Reduced	NJ-Full	Other	yes						yes						yes						yes					
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<table border="1"> <tr> <td>ALS FIELD SERVICES</td> <td>Pickup</td> <td>Labor</td> <td>Composite Sampling</td> <td>Rental Equipment</td> <td>Other:</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								ALS FIELD SERVICES	Pickup	Labor	Composite Sampling	Rental Equipment	Other:																								
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Matrix: ALZAL; DW=Drinking Water; GW=Groundwater; OL=Oil; OL=Other Liquid; SL=Sludge; SQ=Soil; WP=Wipe; WW=Wastewater
 Container Type: AG=Amber Glass; CG=Clear Glass; PL=Plastic. Container Size: 250ml, 500ml, 1L, 5oz., etc. Preservative: HCl, HNO3, NaOH, etc.



301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client:	Work Order #:	Initials:	Date:
Coven try	Env. ASSC- 3046689	JDS	7/19/19

Question	Response	YES	NO
1. Were airbills / tracking numbers present and recorded? Tracking number: _____	NONE	☐	☐
2. Are Custody Seals on shipping containers intact?	NONE	☒	☐
3. Are Custody Seals on sample containers intact?	NONE	☐	☐
4. Is there a COC (Chain-of-Custody) present?	YES	☒	☐
5. Are the COC and bottle labels complete, legible and in agreement?	YES	☒	☐
5a. Does the COC contain sample locations?	YES	☒	☐
5b. Does the COC contain date and time of sample collection for all samples?	YES	☒	☐
5c. Does the COC contain sample collectors name?	YES	☒	☐
5d. Does the COC note the type(s) of preservation for all bottles?	YES	☒	☐
5e. Does the COC note the number of bottles submitted for each sample?	YES	☒	☐
5f. Does the COC note the type of sample, composite or grab?	YES	☒	☐
5g. Does the COC note the matrix of the sample(s)?	YES	☒	☐
6. Are all aqueous samples requiring preservation preserved correctly?	N/A	☒	☐
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?	YES	☒	☐
8. Are all samples within holding times for the requested analyses?	YES	☒	☐
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)	YES	☐	☒
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631 E (LL Hg)?	N/A	☒	☐
11. Were the samples received on ice?	YES	☒	☐
12. Were sample temperatures measured at 0.0-6.0°C	YES	☒	☐
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below.	YES	☐	☒
13a. Are the samples required for SDWA compliance reporting?	N/A	☐	☐
13b. Did the client provide a SDWA PWS ID#?	N/A	☐	☐
13c. Are all aqueous unpreserved SDWA samples pH 5-9?	N/A	☐	☐
13d. Did the client provide the SDWA sample location ID/Description?	N/A	☐	☐
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?	N/A	☐	☐

Cooler #: _____

Temperature (°C): 5.2

Thermometer ID: 525

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

headspace in 2 TB vials & 1 sample vial. NOT Reportable.
JDS/MS 7/19/19

Rev. 4/29/2019

ALS

Tuesday, July 23, 2019 4:23:05 PM

Page 9 of 9

6/3/2020 12:42:08 PM

July 23, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3046697
Purchase Order:	Workorder ID: 4691 Buckeye

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Friday, July 19, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3046697 4691 Buckeye

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3046697001	4691 Buckeye-SW	Drinking Water	7/18/2019 16:30	7/19/2019 21:13	Mr. John VanWagenen
3046697002	Trip Blank	Drinking Water	7/19/2019 21:13	7/19/2019 21:13	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3046697 4691 Buckeye

Notes

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PROJECT SUMMARY

Workorder: 3046697 4691 Buckeye

Sample Comments

Lab ID: 3046697002

Sample ID: Trip Blank

Sample Type: SAMPLE

This sample was cancelled per project specifications.

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ANALYTICAL RESULTS

Workorder: 3046697 4691 Buckeye

Lab ID: 3046697001

Date Collected: 7/18/2019 16:30

Matrix: Drinking Water

Sample ID: 4691 Buckeye-SW

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:24	PDK	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:24	PDK	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:24	PDK	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			7/23/19 08:24	PDK	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:24	PDK	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:24	PDK	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/23/19 08:24	PDK	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:24	PDK	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:24	PDK	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	86.2		%	70 - 130	EPA 524.2			7/23/19 08:24	PDK	A
4-Bromofluorobenzene (S)	87.9		%	70 - 130	EPA 524.2			7/23/19 08:24	PDK	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3046697 4691 Buckeye

Lab ID: **3046697002**

Date Collected: 7/19/2019 21:13

Matrix: Drinking Water

Sample ID: **Trip Blank**

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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ADMINISTRATIVE

Sample Cancelled

CANCEL

7/23/19 15:31 CPK

Jessica Lee Smith
Project Coordinator**ALS Environmental Laboratory Locations Across North America**Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3046697 4691 Buckeye

Lab ID	Sample ID	Analysis Method	Prep Method
3046697001	4691 Buckeye-SW	EPA 524.2	

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301 Filling Mill Road
Middletown, PA 17057
P: 717-944-5541
F: 717-944-1430

CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/
SAMPLER. INSTRUCTIONS ON THE BACK.

CC
AL



Client Name: <u>Coverly Env. Assoc.</u>		Container Type: <u>gall</u>		
Address: <u>PO Box 224</u>		Container Size: <u>Vial</u>		
Contact: <u>St. Peters, PA-19470</u>		Preservative: <u>MS</u>		
Phone#: <u>John Van Wagner</u>				
Project Name#: <u>600-409-6540</u>				
Bill To: <u>John Van Wagner</u>				
TAT ☐ Normal-Standard TAT is 10-12 business days.				
Date Required: <u>48</u> ☒ Rush-Subject to ALS approval and surcharges.				
Email? ☐	-Y No.			
Fax? ☐	-Y No.			
Sample Description/Location (as it will appear on the lab report)		Date Collected	Time	
1 <u>Trap Robert sw</u>		<u>7/23/19</u>	<u>15:00</u>	
2 <u>Trap Blank</u>				
3				
4				
5				
6				
7				
8				
9				
10				
Enter Number of Containers Per Sample or Field Results Below.				
6 or C				
Matrix				
PAPER VIALS 5042				
PAPER VIALS 5042				
ALS Field Services: ☐ Pickup ☐ Labor				
☐ Composite Sampling ☐ Rental Equipment				
Other:				
Sample/COC Comments				
Special Processing				
USACE ☐				
State Samples Collected In				
NY ☐				
NJ ☐				
PA ☐				
Sample Disposal				
Lab ☐				
Special ☐				
Standard ☐				
CLP-like ☐				
USACE/DOO ☐				
Reportable to PADEP?				
Yes ☐ No ☐				
PWSID #				
EDDS: Format Type				
other				

Rev 04/19

ALS SHIPPING ADDRESS: 301 Filling Mill Road, Middletown, PA 17057

* G=Grab; C=Composite

**Matrix - AL=Air; DW=Drinking Water; GW=Groundwater; OL=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater



301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: Coventry Env. Assoc. Work Order #: 3047228 Initials: GW Date: 7/24/19

1. Were airbills / tracking numbers present and recorded?..... NONE YES NO
Tracking number: _____
2. Are Custody Seals on shipping containers intact?..... NONE YES NO
3. Are Custody Seals on sample containers intact?..... NONE YES NO
4. Is there a COC (Chain-of-Custody) present?..... YES NO
5. Are the COC and bottle labels complete, legible and in agreement?..... YES NO
- 5a. Does the COC contain sample locations?..... YES NO
- 5b. Does the COC contain date and time of sample collection for all samples?..... YES NO
- 5c. Does the COC contain sample collectors name?..... YES NO
- 5d. Does the COC note the type(s) of preservation for all bottles?..... YES NO
- 5e. Does the COC note the number of bottles submitted for each sample?..... YES NO
- 5f. Does the COC note the type of sample, composite or grab?..... YES NO
- 5g. Does the COC note the matrix of the sample(s)?..... YES NO
6. Are all aqueous samples requiring preservation preserved correctly?..... N/A YES NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... YES NO
8. Are all samples within holding times for the requested analyses?..... YES NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)..... YES NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?..... N/A YES NO
11. Were the samples received on ice?..... YES NO
12. Were sample temperatures measured at 0.0-6.0°C..... YES NO
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below..... YES NO
- 13a. Are the samples required for SDWA compliance reporting?..... N/A YES NO
- 13b. Did the client provide a SDWA PWS ID#?..... N/A YES NO
- 13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... N/A YES NO
- 13d. Did the client provide the SDWA sample location ID/Description?..... N/A YES NO
- 13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... N/A YES NO

Cooler #: _____

Temperature (°C): 2 °C _____

Thermometer ID: 318 _____

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Rev. 4/29/2019

July 23, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3046693
Purchase Order:	Workorder ID: 4050 Miller Post

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Friday, July 19, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903



Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3046693 4050 Miller Post

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3046693001	4050 Miller Post SW	Drinking Water	7/18/2019 16:00	7/19/2019 21:13	Mr. John VanWagenen
3046693002	Trip Blank	Drinking Water	7/19/2019 21:13	7/19/2019 21:13	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3046693 4050 Miller Post

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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PROJECT SUMMARY

Workorder: 3046693 4050 Miller Post

Sample Comments

Lab ID: 3046693002

Sample ID: Trip Blank

Sample Type: SAMPLE

This sample was cancelled per project specifications.

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ANALYTICAL RESULTS

Workorder: 3046693 4050 Miller Post

Lab ID: 3046693001

Date Collected: 7/18/2019 16:00

Matrix: Drinking Water

Sample ID: 4050 Miller Post SW

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:56	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:56	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:56	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			7/22/19 19:56	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:56	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:56	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/22/19 19:56	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:56	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:56	TMP	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	71.4		%	70 - 130	EPA 524.2			7/22/19 19:56	TMP	A
4-Bromofluorobenzene (S)	72.7		%	70 - 130	EPA 524.2			7/22/19 19:56	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3046693 4050 Miller Post

Lab ID: 3046693002

Date Collected: 7/19/2019 21:13

Matrix: Drinking Water

Sample ID: Trip Blank

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
------------	---------	------	-------	-----	--------	----------	----	----------	----	------

ADMINISTRATIVE

Sample Cancelled

CANCEL

7/23/19 14:48 CPK

Jessica Lee Smith
Project Coordinator**ALS Environmental Laboratory Locations Across North America**Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3046693 4050 Miller Post

Lab ID	Sample ID	Analysis Method	Prep Method
3046693001	4050 Miller Post SW	EPA 524.2	

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34 Dogwood Lane
Middletown, PA 17057
P. 717-944-5541
F. 717-944-1430

Environmental

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/
SAMPLER. INSTRUCTIONS ON THE BACK.

Page 1 of 1
Courier: ALS
Tracking #: 3046693

Co. Name: Coventry Env. Assoc.
Contact (Report to): John Van Wagoner Phone: 610-969-6570
Address: P.O. Box 224
St. Peters, PA 19470

Bill to (if different than Report to): same PO#:

Project Name/ID: 4050 Miller Post ALS Quote #:

TAT: ☐ Normal-Standard TAT is 10-12 business days.
☒ Rush-Subject to ALS approval and surcharge 48 hr

Email? ☐ Y ☐ N
Fax? ☐ Y ☐ N

Sample Description/Location (as it will appear on the lab report)

1 4050 Miller Post SW Sample Date 7/18/19 Military Time 16:00

2 trip blank Enter Number of Containers Per Analysis 2

3

4

5

6

7

8

SAMPLED BY (Please Print): John Van Wagoner

Relinquished By/ Company Name John Van Wagoner

1 7/19/19 1235 Received By/ Company Name ALS Date 7-19-19 Time 1235

3 Beckerly Wagoner 7-19-19 1755 4 COMMON COURIER

5 COMMON COURIER 6 7-19-19 2113

7 8

9 10

Project Comments:

Container Type	96 (1)
Container Size	1701
Preservatives	1701

ANALYSES/METHOD REQUESTED

Enter Number of Containers Per Analysis

Correct containers? Y N

Correct sample volume? Y N

Correct preservation? Y N

Headspace/Volatiles? Y N

Container in good condition? Y N

COC Labels complete/accurate? Y N

Received on ice? Y N

(If present) Seals intact? Y N

Custody seals Present? Y N

ALS FIELD SERVICES

Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment ☐ Other: ☐

State Samples Collected in? MD ☐ NJ ☐ NY ☐ PA ☐

SDWA Form 200 yes ☐ no ☐

Standard CLP-like ☐ NJ-Reduced ☐ NJ-Full ☐

Data Deliverables ☐ if yes, format type: Other

EDS ☐

DD Criteria Required? ☐

Notes: Notes

Cooler Temp:

Therm. ID:

No. of Coolers:

Performed by:

WTA, ICR:

Circle appropriate Y or N.

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301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client:	Work Order #:	Initials:	Date:
Coventry Env. Assoc.	3046693	JAS	7/19/19

1. Were airbills / tracking numbers present and recorded?.....	<u>NONE</u>	YES	NO
Tracking number: _____			
2. Are Custody Seals on shipping containers intact?.....	<u>NONE</u>	<u>YES</u>	NO
3. Are Custody Seals on sample containers intact?.....	<u>NONE</u>	YES	NO
4. Is there a COC (Chain-of-Custody) present?.....		<u>YES</u>	NO
5. Are the COC and bottle labels complete, legible and in agreement?.....		<u>YES</u>	NO
5a. Does the COC contain sample locations?.....		<u>YES</u>	NO
5b. Does the COC contain date and time of sample collection for all samples?.....		<u>YES</u>	NO
5c. Does the COC contain sample collectors name?.....		<u>YES</u>	NO
5d. Does the COC note the type(s) of preservation for all bottles?.....		<u>YES</u>	NO
5e. Does the COC note the number of bottles submitted for each sample?.....		<u>YES</u>	NO
5f. Does the COC note the type of sample, composite or grab?.....		<u>YES</u>	NO
5g. Does the COC note the matrix of the sample(s)?.....		<u>YES</u>	NO
6. Are all aqueous samples requiring preservation preserved correctly?.....	N/A	<u>YES</u>	NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?.....		<u>YES</u>	NO
8. Are all samples within holding times for the requested analyses?.....		<u>YES</u>	NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.).....		YES	<u>NO</u>
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?.....	N/A	<u>YES</u>	NO
11. Were the samples received on ice?.....		<u>YES</u>	NO
12. Were sample temperatures measured at 0.0-6.0°C.....		<u>YES</u>	NO
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below.....		YES	<u>NO</u>
13a. Are the samples required for SDWA compliance reporting?.....	<u>N/A</u>	YES	NO
13b. Did the client provide a SDWA PWS ID#?.....	<u>N/A</u>	YES	NO
13c. Are all aqueous unpreserved SDWA samples pH 5-9?.....	<u>N/A</u>	YES	NO
13d. Did the client provide the SDWA sample location ID/Description?.....	<u>N/A</u>	YES	NO
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?.....	<u>N/A</u>	YES	NO

Cooler #: _____

Temperature (°C): 5°C

Thermometer ID: 525

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Headspace in all vials. NOT Reportable. JAS/lms 7/19/19

Rev. 4/29/2019

ALS

Tuesday, July 23, 2019 4:23:17 PM

Page 9 of 9

6/3/2020 12:42:24 PM

July 23, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3046695
Purchase Order:	Workorder ID: 3941 Chestnut

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Friday, July 19, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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Jessica Lee Smith
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SAMPLE SUMMARY

Workorder: 3046695 3941 Chestnut

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3046695001	3941 Chestnut-SW	Drinking Water	7/19/2019 14:10	7/19/2019 21:13	Mr. John VanWagenen
3046695002	Trip Blank	Drinking Water	7/19/2019 21:13	7/19/2019 21:13	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3046695 3941 Chestnut

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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PROJECT SUMMARY

Workorder: 3046695 3941 Chestnut

Sample Comments

Lab ID: 3046695002

Sample ID: Trip Blank

Sample Type: SAMPLE

This sample was cancelled per project specifications.

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ANALYTICAL RESULTS

Workorder: 3046695 3941 Chestnut

Lab ID: 3046695001

Date Collected: 7/19/2019 14:10

Matrix: Drinking Water

Sample ID: 3941 Chestnut-SW

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:45	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:45	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:45	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			7/22/19 20:45	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:45	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:45	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/22/19 20:45	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:45	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 20:45	TMP	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	72.6		%	70 - 130	EPA 524.2			7/22/19 20:45	TMP	A
4-Bromofluorobenzene (S)	71.6		%	70 - 130	EPA 524.2			7/22/19 20:45	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3046695 3941 Chestnut

Lab ID: 3046695002

Date Collected: 7/19/2019 21:13

Matrix: Drinking Water

Sample ID: Trip Blank

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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ADMINISTRATIVE

Sample Cancelled

CANCEL

7/23/19 14:49 CPK

Jessica Lee Smith
Project Coordinator**ALS Environmental Laboratory Locations Across North America**Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3046695 3941 Chestnut

Lab ID	Sample ID	Analysis Method	Prep Method
3046695001	3941 Chestnut-SW	EPA 524.2	

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301 Filling Mill Road
Middletown, PA 17057
P: 717-944-5541
F: 717-944-1430

CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.

of



Client Name: <i>Calvary Env Assoc</i>		Container Type: <i>glass</i>	* 3 0 4 6 6 9 5 *		(completed by Receiving Lab)	
Address: <i>PO Box 224 St. Peters, PA 19470</i>		Container Size: <i>100L</i>			W.O. Temp: _____ Therm ID: _____	
Contact: <i>Dan Van Wagner</i>		Personnel: <i>ALC</i>			Analyst Initials: _____	
Phone: <i>610-469-6540</i>					Courier/Tracking #: _____	
Project Name/ID: <i>3941 Church</i>					Purchase Order #: _____	
Bill To: <i>same</i>					Project Comments: <i>headsparc in all vials</i>	
TAT: ☐ Normal-Standard TAT is 10-12 business days. ☒ Rush-Subject to ALS approval and surcharges.					ALS Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment	
Date Required: _____					Other: _____	
Email? ☐ -Y ☐ -N						
Fax? ☐ -Y ☐ -N						
Sample Description/Location (as it will appear on the lab report)		Date Collected mm/dd/yy	Time hh:mm	Enter Number of Containers Per Sample or Field Results Below.		
1 <i>3941 Church SW</i>		<i>7.19.19</i>	<i>16:00</i>	3		
2 <i>trip blank</i>				2		
3						
4						
5						
6						
7						
8						
9						
10						
SAMPLER BY (Please Print): <i>Dan Van Wagner</i>		Sampler Comments:				
Relinquished By / Company Name		Date	Time	Received By / Company Name	Date	Time
1 <i>Dan Van Wagner</i>		<i>7-19-19</i>	<i>17:55</i>	<i>Beverly Wadsworth</i>	<i>7-19-19</i>	<i>17:55</i>
3 <i>Beverly Wadsworth</i>		<i>7-19-19</i>	<i>17:55</i>	<i>COMMON COURIER / MIDDLETOWN</i>	<i>7-19-19</i>	<i>17:55</i>
5 <i>COMMON COURIER / MIDDLETOWN</i>				<i>6</i>		
7 <i>COMMON COURIER / MIDDLETOWN</i>				<i>8</i>		
9				<i>10</i>		
State Samples Collected In		Special Processing		Deliverables		Reportable to PA DEP?
USACE ☐ NY ☐ NJ ☐ PA ☐		USACE ☐ USACE/DOD ☐		Standard ☐ CLP-like ☐ USACE/DOD ☐		Yes ☐ No ☐
Sample Disposal		Sample Disposal		PWSID #		EDDS: Formal Type
Lab ☐ Special ☐		Lab ☐ Special ☐				other

* G=Grab; C=Composite **Matrix - AL=Air; DW=Drinking Water; GW=Groundwater; O=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater

ALS SHIPPING ADDRESS: 301 Filling Mill Road, Middletown, PA 17057

Rev 04/19



301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client:	Work Order #:	Initials:	Date:
Coventry Env. Assoc.	3046695	SAS	7/19/19

1. Were airbills / tracking numbers present and recorded?.....	<u>NONE</u>	YES	NO
Tracking number: _____			
2. Are Custody Seals on shipping containers intact?.....	<u>NONE</u>	<u>YES</u>	NO
3. Are Custody Seals on sample containers intact?.....	<u>NONE</u>	YES	NO
4. Is there a COC (Chain-of-Custody) present?.....		<u>YES</u>	NO
5. Are the COC and bottle labels complete, legible and in agreement?.....		<u>YES</u>	NO
5a. Does the COC contain sample locations?.....		<u>YES</u>	NO
5b. Does the COC contain date and time of sample collection for all samples?.....		<u>YES</u>	NO
5c. Does the COC contain sample collectors name?.....		<u>YES</u>	NO
5d. Does the COC note the type(s) of preservation for all bottles?.....		<u>YES</u>	NO
5e. Does the COC note the number of bottles submitted for each sample?.....		<u>YES</u>	NO
5f. Does the COC note the type of sample, composite or grab?.....		<u>YES</u>	NO
5g. Does the COC note the matrix of the sample(s)?.....		<u>YES</u>	NO
6. Are all aqueous samples requiring preservation preserved correctly?.....	N/A	<u>YES</u>	NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?.....		<u>YES</u>	NO
8. Are all samples within holding times for the requested analyses?.....		<u>YES</u>	NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.).....		YES	<u>NO</u>
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?.....	N/A	<u>YES</u>	NO
11. Were the samples received on ice?.....		<u>YES</u>	NO
12. Were sample temperatures measured at 0.0-6.0°C.....		<u>YES</u>	NO
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below.....		YES	<u>NO</u>
13a. Are the samples required for SDWA compliance reporting?.....	<u>N/A</u>	YES	NO
13b. Did the client provide a SDWA PWS ID#?.....	<u>N/A</u>	YES	NO
13c. Are all aqueous unpreserved SDWA samples pH 5-9?.....	<u>N/A</u>	YES	NO
13d. Did the client provide the SDWA sample location ID/Description?.....	<u>N/A</u>	YES	NO
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?.....	<u>N/A</u>	YES	NO

Cooler #: _____
Temperature (°C): 6.0
Thermometer ID: 525
Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Headspace in all vials. NOT Reportable. SAS/MS 7/19/19

Rev. 4/29/2019

ALS

Tuesday, July 23, 2019 4:23:24 PM

Page 9 of 9

6/3/2020 12:42:31 PM

July 23, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3046694
Purchase Order:	Workorder ID: 4101 Chestnut-SW

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Friday, July 19, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903



Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3046694 4101 Chestnut-SW

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3046694001	4101 Chestnut-SW	Drinking Water	7/19/2019 16:00	7/19/2019 21:13	Mr. John VanWagenen
3046694002	Trip Blank	Drinking Water	7/19/2019 21:13	7/19/2019 21:13	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3046694 4101 Chestnut-SW

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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PROJECT SUMMARY

Workorder: 3046694 4101 Chestnut-SW

Sample Comments

Lab ID: 3046694002

Sample ID: Trip Blank

Sample Type: SAMPLE

This sample was cancelled per project specifications.

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Environmetal

34 Dogwood Lane
Middletown, PA 17057
P. 717-944-5541
F. 717-944-1430

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/
SAMPLER. INSTRUCTIONS ON THE BACK.

Page _____ of _____
Courier: _____
Tracking #: _____



Co. Name: Coverity Env. Assoc		ALS Quote #:	
Contact (person to): John Van Wagoner	Phone: 610-469-6540	Date Required:	
Address: PO Box 224 St Peters, PA 19478		Approved By: 48	
Bill to (if different than Report to): SAME	PO#:		
Project Name/ID: 4691 Buckeye		ALS Quote #:	
TAT: ☐ Normal-Standard TAT is 10-12 business days. ☒ Rush-Subject to ALS approval and surcharges.		Date Required:	
Email? ☐	Fax? ☐	No.:	
Sample Description/Location (as it will appear on the lab report)		COC Comments	Sample Date
1 4691 Buckeye SW			7/18/19 16:30
2 trip Blank			
3			
4			
5			
6			
7			
8			
SAMPLED BY (Please Print): John Van Wagoner		Project Comments:	
Relinquished By/Company Name	Date	Time	Received By/Company Name
1 John Van Wagoner	7-19-19	1235	2 Beverly Wagoner
3 Beverly Wagoner	7-19-19	1755	4 COMMON CARRIER / COURIER
5 COMMON CARRIER / ALS COURIER			6 John Van Wagoner
7			8
8			10

Enter Number of Containers Per Analysis		ALS FIELD SERVICES	
Correct containers?	Correct sample volume?	Correct preservation?	Headspace/Volatiles?
Y	Y	Y	Y
N	N	N	N
Container in good condition?		COC/Labels complete/accurate?	
Y		Y	
N		N	
Custody seals Present?		(if present) Seals intact?	
Y		Y	
N		N	
ALS FIELD SERVICES		ALS FIELD SERVICES	
☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment ☐ Other		☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment ☐ Other	



301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: <u>Coventry Env. Assoc.</u>	Work Order #: <u>3046697</u>	Initials: <u>SAS</u>	Date: <u>7/19/19</u>
1. Were airbills / tracking numbers present and recorded?..... <u>NONE</u> YES NO Tracking number: _____			
2. Are Custody Seals on shipping containers intact?..... <u>NONE</u> <u>YES</u> NO			
3. Are Custody Seals on sample containers intact?..... <u>NONE</u> YES NO			
4. Is there a COC (Chain-of-Custody) present?..... <u>YES</u> NO			
5. Are the COC and bottle labels complete, legible and in agreement?..... <u>YES</u> NO			
5a. Does the COC contain sample locations?..... <u>YES</u> NO			
5b. Does the COC contain date and time of sample collection for all samples?..... <u>YES</u> NO			
5c. Does the COC contain sample collectors name?..... <u>YES</u> NO			
5d. Does the COC note the type(s) of preservation for all bottles?..... <u>YES</u> NO			
5e. Does the COC note the number of bottles submitted for each sample?..... <u>YES</u> NO			
5f. Does the COC note the type of sample, composite or grab?..... <u>YES</u> NO			
5g. Does the COC note the matrix of the sample(s)?..... <u>YES</u> NO			
6. Are all aqueous samples requiring preservation preserved correctly?..... N/A <u>YES</u> NO			
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... <u>YES</u> NO			
8. Are all samples within holding times for the requested analyses?..... <u>YES</u> NO			
9. Were all sample containers received Intact and headspace free when required? (not broken, leaking, frozen, etc.)..... YES <u>NO</u>			
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631 E (LL Hg)?..... N/A <u>YES</u> NO			
11. Were the samples received on ice?..... <u>YES</u> NO			
12. Were sample temperatures measured at 0.0-6.0°C..... <u>YES</u> NO			
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below..... YES <u>NO</u>			
13a. Are the samples required for SDWA compliance reporting?..... N/A YES NO			
13b. Did the client provide a SDWA PWS ID#?..... N/A YES NO			
13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... N/A YES NO			
13d. Did the client provide the SDWA sample location ID/Description?..... N/A YES NO			
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... N/A YES NO			
Cooler #: _____			
Temperature (°C): <u>6°C</u> _____			
Thermometer ID: <u>525</u> _____			
Radiological (µCi): _____			

COMMENTS (Required for all NO responses above and any sample non-conformance):

Headspace in all vials. NOT Reportable. SAS/MS 7/19/19

Rev. 4/29/2019

ALS

July 23, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3046696
Purchase Order:	Workorder ID: 4711 Bacheye

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Friday, July 19, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3046696 4711 Bacheye

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3046696001	4711 Bacheye-SW	Drinking Water	7/19/2019 15:00	7/19/2019 21:13	Mr. John VanWagenen
3046696002	Trip Blank	Drinking Water	7/19/2019 21:13	7/19/2019 21:13	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3046696 4711 Bacheye

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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PROJECT SUMMARY

Workorder: 3046696 4711 Bacheye

Sample Comments

Lab ID: 3046696002

Sample ID: Trip Blank

Sample Type: SAMPLE

This sample was cancelled per project specifications.

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ANALYTICAL RESULTS

Workorder: 3046696 4711 Bacheye

Lab ID: **3046696001**
Sample ID: **4711 Bacheye-SW**

Date Collected: 7/19/2019 15:00 Matrix: Drinking Water
Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:00	PDK	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:00	PDK	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:00	PDK	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			7/23/19 08:00	PDK	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:00	PDK	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:00	PDK	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/23/19 08:00	PDK	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:00	PDK	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:00	PDK	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	86.4		%	70 - 130	EPA 524.2			7/23/19 08:00	PDK	A
4-Bromofluorobenzene (S)	89.2		%	70 - 130	EPA 524.2			7/23/19 08:00	PDK	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3046696 4711 Bacheye

Lab ID: **3046696002**

Date Collected: 7/19/2019 21:13

Matrix: Drinking Water

Sample ID: **Trip Blank**

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
------------	---------	------	-------	-----	--------	----------	----	----------	----	------

ADMINISTRATIVE

Sample Cancelled

CANCEL

7/23/19 15:31 CPK

Jessica Lee Smith
Project Coordinator**ALS Environmental Laboratory Locations Across North America**Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3046696 4711 Bacheye

Lab ID	Sample ID	Analysis Method	Prep Method
3046696001	4711 Bacheye-SW	EPA 524.2	

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301 Fulling Mill Road
Middletown, PA 17057
P: 717-944-5541
F: 717-944-1430

CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/
SAMPLER. INSTRUCTIONS ON THE BACK.



2 of

Client Name: <u>Cowarty Env. Assoc.</u>		Container Type: <u>glori</u>	ion	
Address: <u>PO Box 224</u>		Container Size: <u>vial</u>	(completed by Receiving Lab)	
<u>St. Peters, PA 19470</u>		Parameters: <u>HCB</u>	W.O. Temp: _____	
Contact: <u>John Van Wagoner</u>		Permit: <u>48</u>	Analyst Initials: _____	
Phone: <u>610 469 6540</u>		Courier/Tracking #: _____		
Project Name: <u>4711 Bache-se</u>		Purchase Order #: _____		
Bill To: <u>4711 Bache-se</u>		Project Comments: <u>Headspace in all vials.</u>		
TAT: ☐ Normal-Standard TAT is 10-12 business days.		ALS Field Services: ☐ Pickup ☐ Labor		
Date Required: <u>48</u> Approved?		☐ Composite Sampling ☐ Rental Equipment		
Email? ☐ -Y ☐ -N		Other: _____		
Fax? ☐ -Y ☐ -N		Sample/COC Comments		
Sample Description/Location (as it will appear on the lab report)		Enter Number of Containers Per Sample or Field Results Below.		
1	4711 Bache-se SW	7-19-19	1510	3
2	trip blank			2
3				
4				
5				
6				
7				
8				
9				
10				
SAMPLER BY (Please Print): <u>John Van Wagoner</u>		Deliverables		
Refiniquished By / Company Name		Standard ☐ CLP-like ☐ USACE/DOD ☐		State Samples Collected In
Date		Reportable to PADEP? Yes ☐ No ☐		NY ☐ NJ ☐ PA ☐
Time		PWSID #		Lab ☐ Special ☐
Date		EDDS: Format Type		other
Time				
1	7-19-19	1755	7-19-19	1755
3	7-19-19	1755	7-19-19	1755
5	7-19-19	1755	7-19-19	1755
7	7-19-19	1755	7-19-19	1755
9	7-19-19	1755	7-19-19	1755

ALS SHIPPING ADDRESS: 301 Fulling Mill Road, Middletown, PA 17057

Rev 04/19

* G=Grab; C=Composite

** Matrix: AL=Air; DW=Drinking Water; GW=Groundwater; OL=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater

ALS



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Condition of Sample Receipt Form

Client: <u>Coventry Env. Assoc.</u>	Work Order #: <u>3046694</u>	Initials: <u>SAS</u>	Date: <u>7/19/19</u>
1. Were airbills / tracking numbers present and recorded?..... <u>NONE</u> YES NO Tracking number: _____			
2. Are Custody Seals on shipping containers intact?..... <u>NONE</u> <u>YES</u> NO			
3. Are Custody Seals on sample containers intact?..... <u>NONE</u> YES NO			
4. Is there a COC (Chain-of-Custody) present?..... <u>YES</u> NO			
5. Are the COC and bottle labels complete, legible and in agreement?..... <u>YES</u> NO			
5a. Does the COC contain sample locations?..... <u>YES</u> NO			
5b. Does the COC contain date and time of sample collection for all samples?..... <u>YES</u> NO			
5c. Does the COC contain sample collectors name?..... <u>YES</u> NO			
5d. Does the COC note the type(s) of preservation for all bottles?..... <u>YES</u> NO			
5e. Does the COC note the number of bottles submitted for each sample?..... <u>YES</u> NO			
5f. Does the COC note the type of sample, composite or grab?..... <u>YES</u> NO			
5g. Does the COC note the matrix of the sample(s)?..... <u>YES</u> NO			
6. Are all aqueous samples requiring preservation preserved correctly?..... N/A <u>YES</u> NO			
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... <u>YES</u> NO			
8. Are all samples within holding times for the requested analyses?..... <u>YES</u> NO			
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)..... YES <u>NO</u>			
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?..... N/A <u>YES</u> NO			
11. Were the samples received on ice?..... <u>YES</u> NO			
12. Were sample temperatures measured at 0.0-6.0°C..... <u>YES</u> NO			
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below..... YES <u>NO</u>			
13a. Are the samples required for SDWA compliance reporting?..... N/A YES NO			
13b. Did the client provide a SDWA PWS ID#?..... N/A YES NO			
13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... N/A YES NO			
13d. Did the client provide the SDWA sample location ID/Description?..... N/A YES NO			
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... N/A YES NO			
Cooler #: _____			
Temperature (°C): <u>6°C</u> _____			
Thermometer ID: <u>525</u> _____			
Radiological (µCi): _____			

COMMENTS (Required for all NO responses above and any sample non-conformance):

Headspace in all vials. NOT Reportable. SAS/MS 7/19/19

Rev. 4/29/2019

ALS

July 23, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3046698
Purchase Order:	Workorder ID: 4650 Colebrook

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Friday, July 19, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903



Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3046698 4650 Colebrook

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3046698001	4650 Colebrook-SW	Drinking Water	7/18/2019 13:00	7/19/2019 21:13	Mr. John VanWagenen
3046698002	Trip Blank	Drinking Water	7/19/2019 21:13	7/19/2019 21:13	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3046698 4650 Colebrook

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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PROJECT SUMMARY

Workorder: 3046698 4650 Colebrook

Sample Comments

Lab ID: 3046698002

Sample ID: Trip Blank

Sample Type: SAMPLE

This sample was cancelled per project specifications.

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ANALYTICAL RESULTS

Workorder: 3046698 4650 Colebrook

Lab ID: 3046698001

Date Collected: 7/18/2019 13:00

Matrix: Drinking Water

Sample ID: 4650 Colebrook-SW

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:48	PDK	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:48	PDK	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:48	PDK	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			7/23/19 08:48	PDK	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:48	PDK	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:48	PDK	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/23/19 08:48	PDK	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:48	PDK	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/23/19 08:48	PDK	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	85.2		%	70 - 130	EPA 524.2			7/23/19 08:48	PDK	A
4-Bromofluorobenzene (S)	86.4		%	70 - 130	EPA 524.2			7/23/19 08:48	PDK	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3046698 4650 Colebrook

Lab ID: **3046698002**

Date Collected: 7/19/2019 21:13

Matrix: Drinking Water

Sample ID: **Trip Blank**

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
------------	---------	------	-------	-----	--------	----------	----	----------	----	------

ADMINISTRATIVE

Sample Cancelled

CANCEL

7/23/19 15:32 CPK

Jessica Lee Smith
Project Coordinator**ALS Environmental Laboratory Locations Across North America**Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3046698 4650 Colebrook

Lab ID	Sample ID	Analysis Method	Prep Method
3046698001	4650 Colebrook-SW	EPA 524.2	

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Middletown, PA 17057
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Environmetal

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.

Page _____ of _____
Courier: _____
Tracking #: _____



Co. Name: Country Env. Assoc.		Phone: 610-969-6540	
Contact (Person to): John Van Wagner		Address: PO Box 2224 St. Peters, PA 19470	
Bill to (if different than Report to): same		PO#: _____	
Project Name#: 4650 Colebrook ALS Quote #:			
TAT: ☒ Normal Standard TAT is 10-12 business days. ☒ Rush-Subject to ALS approval and surcharges. 48		Date Required: _____ Approved By: _____	
Email? ☒	Fax? ☒	No. _____	
Sample Description/Location (as it will appear on the lab report)		COC Comments	Sample Date
1 4650 Colebrook - SW			7/18/19 13:00
2 trip blank			
3			
4			
5			
6			
7			
8			
SAMPLED BY (Please Print): John Van Wagner Relinquished By / Company Name: John Van Wagner Date: 7-19-19 Time: 12:35 1 John Van Wagner Date: 7-19-19 Time: 12:35 3 John Van Wagner Date: 7-19-19 Time: 12:35 5 COMMON COURIER ALS COURIER Date: 7-19-19 Time: 12:35 7 COMMON COURIER ALS COURIER Date: 7-19-19 Time: 12:35 9			
Project Comments:			
Data Deliverables: ☐ Standard ☐ CLP-like ☐ NJ-Reduced ☐ NJ-Full ☐ Other: _____ If yes, format type: _____ EDS: _____ 000 Criteria Required?			
ALS FIELD SERVICES: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment ☐ Other: _____			
Container in good condition? ☒ Y ☐ N COCLabels complete/accurate? ☒ Y ☐ N Received on ice? ☒ Y ☐ N (If present) Seals intact? ☒ Y ☐ N Custody seals Present? ☒ Y ☐ N Correct sample volume? ☒ Y ☐ N Correct preservation? ☒ Y ☐ N Headspace/Volatiles? ☒ Y ☐ N Circle appropriate Y or N.			
Notes: ALL HZLS ANALYSES/METHOD REQUESTED: _____ Enter Number of Containers Per Analysis: _____ **Matrix: PHGP unlabelled gas ***Container: glass Type: 100ml Size: 100ml Preservative: None			



301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: <u>Coventry Env. Assoc.</u>	Work Order #: <u>3046698</u>	Initials: <u>SAS</u>	Date: <u>7/19/19</u>
1. Were airbills / tracking numbers present and recorded?..... <u>NONE</u> YES NO Tracking number: _____			
2. Are Custody Seals on shipping containers intact?..... <u>NONE</u> <u>YES</u> NO			
3. Are Custody Seals on sample containers intact?..... <u>NONE</u> YES NO			
4. Is there a COC (Chain-of-Custody) present?..... <u>YES</u> NO			
5. Are the COC and bottle labels complete, legible and in agreement?..... <u>YES</u> NO			
5a. Does the COC contain sample locations?..... <u>YES</u> NO			
5b. Does the COC contain date and time of sample collection for all samples?..... <u>YES</u> NO			
5c. Does the COC contain sample collectors name?..... <u>YES</u> NO			
5d. Does the COC note the type(s) of preservation for all bottles?..... <u>YES</u> NO			
5e. Does the COC note the number of bottles submitted for each sample?..... <u>YES</u> NO			
5f. Does the COC note the type of sample, composite or grab?..... <u>YES</u> NO			
5g. Does the COC note the matrix of the sample(s)?..... <u>YES</u> NO			
6. Are all aqueous samples requiring preservation preserved correctly?..... N/A <u>YES</u> NO			
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... <u>YES</u> NO			
8. Are all samples within holding times for the requested analyses?..... <u>YES</u> NO			
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)..... YES <u>NO</u>			
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?..... N/A <u>YES</u> NO			
11. Were the samples received on ice?..... <u>YES</u> NO			
12. Were sample temperatures measured at 0.0-6.0°C..... <u>YES</u> NO			
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below..... YES <u>NO</u>			
13a. Are the samples required for SDWA compliance reporting?..... N/A YES NO			
13b. Did the client provide a SDWA PWS ID#?..... N/A YES NO			
13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... N/A YES NO			
13d. Did the client provide the SDWA sample location ID/Description?..... N/A YES NO			
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... N/A YES NO			

Cooler #: _____

Temperature (°C): 6°C

Thermometer ID: 525

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Headspace in all vials. NOT Reportable. SAS/MS 7/19/19

Rev. 4/29/2019

ALS

Tuesday, July 23, 2019 4:23:30 PM

Page 9 of 9

6/3/2020 12:42:51 PM

July 23, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3046692
Purchase Order:	Workorder ID: 4070 Miller

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Friday, July 19, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3046692 4070 Miller

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3046692001	4070 Miller	Drinking Water	7/18/2019 09:30	7/19/2019 21:13	Mr. John VanWagenen
3046692002	Trip Blank	Drinking Water	7/19/2019 21:13	7/19/2019 21:13	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3046692 4070 Miller

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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PROJECT SUMMARY

Workorder: 3046692 4070 Miller

Sample Comments

Lab ID: 3046692002

Sample ID: Trip Blank

Sample Type: SAMPLE

This sample was cancelled per project specifications.

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ANALYTICAL RESULTS

Workorder: 3046692 4070 Miller

Lab ID: 3046692001

Date Collected: 7/18/2019 09:30

Matrix: Drinking Water

Sample ID: 4070 Miller

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:32	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:32	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:32	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			7/22/19 19:32	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:32	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:32	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/22/19 19:32	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:32	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:32	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	73.5		%	70 - 130	EPA 524.2			7/22/19 19:32	TMP	A
4-Bromofluorobenzene (S)	73.1		%	70 - 130	EPA 524.2			7/22/19 19:32	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3046692 4070 Miller

Lab ID: **3046692002**

Date Collected: 7/19/2019 21:13

Matrix: Drinking Water

Sample ID: **Trip Blank**

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
------------	---------	------	-------	-----	--------	----------	----	----------	----	------

ADMINISTRATIVE

Sample Cancelled

CANCEL

7/23/19 14:48 CPK

Jessica Lee Smith
Project Coordinator**ALS Environmental Laboratory Locations Across North America**Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3046692 4070 Miller

Lab ID	Sample ID	Analysis Method	Prep Method
3046692001	4070 Miller	EPA 524.2	

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301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client:	Work Order #:	Initials:	Date:
Coventry Env. Assoc.	3046692	SAS	7/19/19

Question	Response	YES	NO
1. Were airbills / tracking numbers present and recorded?.....	NONE		
Tracking number: _____			
2. Are Custody Seals on shipping containers intact?.....	NONE	YES	NO
3. Are Custody Seals on sample containers intact?.....	NONE	YES	NO
4. Is there a COC (Chain-of-Custody) present?.....	YES		NO
5. Are the COC and bottle labels complete, legible and in agreement?.....	YES		NO
5a. Does the COC contain sample locations?.....	YES		NO
5b. Does the COC contain date and time of sample collection for all samples?.....	YES		NO
5c. Does the COC contain sample collectors name?.....	YES		NO
5d. Does the COC note the type(s) of preservation for all bottles?.....	YES		NO
5e. Does the COC note the number of bottles submitted for each sample?.....	YES		NO
5f. Does the COC note the type of sample, composite or grab?.....	YES		NO
5g. Does the COC note the matrix of the sample(s)?.....	YES		NO
6. Are all aqueous samples requiring preservation preserved correctly?.....	N/A	YES	NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?.....		YES	NO
8. Are all samples within holding times for the requested analyses?.....		YES	NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.).....	YES		NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?.....	N/A	YES	NO
11. Were the samples received on ice?.....	YES		NO
12. Were sample temperatures measured at 0.0-6.0°C.....	YES		NO
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below.....	YES		NO
13a. Are the samples required for SDWA compliance reporting?.....	N/A	YES	NO
13b. Did the client provide a SDWA PWS ID#?.....	N/A	YES	NO
13c. Are all aqueous unpreserved SDWA samples pH 5-9?.....	N/A	YES	NO
13d. Did the client provide the SDWA sample location ID/Description?.....	N/A	YES	NO
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?.....	N/A	YES	NO

Cooler #: _____

Temperature (°C): 6°C

Thermometer ID: 525

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Headspace in all vials. NOT Reportable. SAS/MS 7/19/19

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ALS

Tuesday, July 23, 2019 4:23:12 PM

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6/3/2020 12:42:59 PM

ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3046691 4702 Colebrook

Lab ID	Sample ID	Analysis Method	Prep Method
3046691001	4702 Colebrook	EPA 524.2	

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301 Filling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client:	Work Order #:	Initials:	Date:
Coventry Env. Assoc.	3046691	SAS	7/19/19

Question	Response	YES	NO
1. Were airbills / tracking numbers present and recorded?	NONE		
Tracking number: _____			
2. Are Custody Seals on shipping containers intact?	NONE	☒	
3. Are Custody Seals on sample containers intact?	NONE	☒	
4. Is there a COC (Chain-of-Custody) present?		☒	
5. Are the COC and bottle labels complete, legible and in agreement?		☒	
5a. Does the COC contain sample locations?		☒	
5b. Does the COC contain date and time of sample collection for all samples?		☒	
5c. Does the COC contain sample collectors name?		☒	
5d. Does the COC note the type(s) of preservation for all bottles?		☒	
5e. Does the COC note the number of bottles submitted for each sample?		☒	
5f. Does the COC note the type of sample, composite or grab?		☒	
5g. Does the COC note the matrix of the sample(s)?		☒	
6. Are all aqueous samples requiring preservation preserved correctly?	N/A	☒	
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?		☒	
8. Are all samples within holding times for the requested analyses?		☒	
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)		☒	☒
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?	N/A	☒	
11. Were the samples received on ice?		☒	
12. Were sample temperatures measured at 0.0-6.0°C.		☒	
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below		☒	☒
13a. Are the samples required for SDWA compliance reporting?	N/A	☒	
13b. Did the client provide a SDWA PWS ID#?	N/A	☒	
13c. Are all aqueous unpreserved SDWA samples pH 5-9?	N/A	☒	
13d. Did the client provide the SDWA sample location ID/Description?	N/A	☒	
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?	N/A	☒	

Cooler #: _____
Temperature (°C): 6°C
Thermometer ID: 525
Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Headspace in all vials. NOT Reportable. SAS/AS 7/19/19

Rev. 4/29/2019

ALS

July 23, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3046688
Purchase Order:	Workorder ID: 4090 Miller

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Friday, July 19, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903



Jessica Lee Smith
Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

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SAMPLE SUMMARY

Workorder: 3046688 4090 Miller

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3046688001	4090 Miller SW	Drinking Water	7/18/2019 12:00	7/19/2019 21:13	Mr. John VanWagenen
3046688002	Trip Blank	Drinking Water	7/19/2019 21:13	7/19/2019 21:13	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3046688 4090 Miller

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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PROJECT SUMMARY

Workorder: 3046688 4090 Miller

Sample Comments

Lab ID: 3046688002

Sample ID: Trip Blank

Sample Type: SAMPLE

This sample was cancelled per project specifications.

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ANALYTICAL RESULTS

Workorder: 3046688 4090 Miller

Lab ID: 3046688001
Sample ID: 4090 Miller SW

Date Collected: 7/18/2019 12:00 Matrix: Drinking Water
Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/22/19 17:55	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 17:55	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 17:55	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			7/22/19 17:55	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			7/22/19 17:55	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/22/19 17:55	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/22/19 17:55	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 17:55	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 17:55	TMP	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	78.6		%	70 - 130	EPA 524.2			7/22/19 17:55	TMP	A
4-Bromofluorobenzene (S)	81.4		%	70 - 130	EPA 524.2			7/22/19 17:55	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3046688 4090 Miller

Lab ID: 3046688002

Date Collected: 7/19/2019 21:13

Matrix: Drinking Water

Sample ID: Trip Blank

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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ADMINISTRATIVE

Sample Cancelled

CANCEL

7/23/19 14:45 CPK

Jessica Lee Smith
Project Coordinator**ALS Environmental Laboratory Locations Across North America**Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3046688 4090 Miller

Lab ID	Sample ID	Analysis Method	Prep Method
3046688001	4090 Miller SW	EPA 524.2	

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34 Dogwood Lane
Middletown, PA 17057
P. 717-944-5541
F. 717-944-1430

Environmental

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/
SAMPLER. INSTRUCTIONS ON THE BACK.

Page 1 of 1
Center:
Tracking #:



Co. Name: Coventry Env. Assoc
Contact (Report to): John Van Wagner Phone: 610-469-0540
Address: PO Box 224
St-Peters, PA 19470

Bill to (if different than Report to): same PO#:

Project Name#: 4090 Miller ALS Quote #:

TAT: ☐ Normal-Standard TAT is 10-12 business days.
☒ Rush-Subject to ALS approval and surcharges. 48

Email? ☐ Yes ☐ No
Fax? ☐ Yes ☐ No

Sample Description/Location
(as it will appear on the lab report)

1 4090 Miller SW

2 trip Blank

3

4

5

6

7

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23

24

25

26

27

Container Type: 9/4 B
Container Size: 100ml
Preservative: HCL
ACC

ANALYSES/METHOD REQUESTED

Enter Number of Containers Per Analysis

Matrix: PAPER UNLEAD GAS

Correct sample volume? Y N

Correct container? Y N

Headspace/Volatiles? Y N

Container in good condition? Y N

COC Labels complete/accurate? Y N

Received on ice? Y N

(If present) Seals intact? Y N

Custody seals Present? Y N

ALS Field Services

Pickup ☐

Labor ☐

Composite Sampling ☐

Rental Equipment ☐

Other: ☐

State Samples Collected In?

MD ☐

NJ ☐

NY ☐

PA ☐

Other: ☐

SDWA Form/Co

yes ☐

yes ☐

yes ☐

yes ☐

Other: ☐

Standard ☐

CLP-like ☐

NJ-Reduced ☐

NJ-Full ☐

Other: ☐

Data Deliverables

Required? ☐

EDS ☐

DOO Criteria Required? ☐

Matrix: AL-ALC

Matrix: AL-ALC

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301 Fulling Mill Road
Middletown, PA 17057
P: (717) 944-5541
F: (717) 944-1430

Condition of Sample Receipt Form

Client: <u>Coventry Env. Assoc.</u>	Work Order #: <u>30466</u>	Initials: <u>SAS</u>	Date: <u>7/19/19</u>
1. Were airbills / tracking numbers present and recorded?..... <u>NONE</u> YES NO Tracking number: _____			
2. Are Custody Seals on shipping containers intact?..... <u>NONE</u> <u>YES</u> NO			
3. Are Custody Seals on sample containers intact?..... <u>NONE</u> YES NO			
4. Is there a COC (Chain-of-Custody) present?..... <u>YES</u> NO			
5. Are the COC and bottle labels complete, legible and in agreement?..... <u>YES</u> NO			
5a. Does the COC contain sample locations?..... <u>YES</u> NO			
5b. Does the COC contain date and time of sample collection for all samples?..... <u>YES</u> NO			
5c. Does the COC contain sample collectors name?..... <u>YES</u> NO			
5d. Does the COC note the type(s) of preservation for all bottles?..... <u>YES</u> NO			
5e. Does the COC note the number of bottles submitted for each sample?..... <u>YES</u> NO			
5f. Does the COC note the type of sample, composite or grab?..... <u>YES</u> NO			
5g. Does the COC note the matrix of the sample(s)?..... <u>YES</u> NO			
6. Are all aqueous samples requiring preservation preserved correctly?..... N/A <u>YES</u> NO			
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... <u>YES</u> NO			
8. Are all samples within holding times for the requested analyses?..... <u>YES</u> NO			
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)..... YES <u>NO</u>			
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?..... N/A <u>YES</u> NO			
11. Were the samples received on ice?..... <u>YES</u> NO			
12. Were sample temperatures measured at 0.0-6.0°C..... <u>YES</u> NO			
13. Are the samples DW matrix? If YES, fill out Reportable Drinking Water questions below..... YES <u>NO</u>			
13a. Are the samples required for SDWA compliance reporting?..... <u>N/A</u> YES NO			
13b. Did the client provide a SDWA PWS ID#?..... <u>N/A</u> YES NO			
13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... <u>N/A</u> YES NO			
13d. Did the client provide the SDWA sample location ID/Description?..... <u>N/A</u> YES NO			
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... <u>N/A</u> YES NO			

Cooler #: _____
Temperature (°C): 5.0
Thermometer ID: 525
Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

Headspace in all vials. NOT Reportable. SAS/MS 7/19/19

Rev. 4/29/2019

ALS

July 23, 2019

Mr. John VanWagenen
Coventry Environmental Associates, Inc.
PO Box 224
Saint Peters, PA 19470

Certificate of Analysis

Project Name: UST Testing	Workorder: 3046691
Purchase Order:	Workorder ID: 4702 Colebrook

Dear Mr. VanWagenen:

Enclosed are the analytical results for samples received by the laboratory on Friday, July 19, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Lee Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Jessica Lee Smith
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3046691 4702 Colebrook

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3046691001	4702 Colebrook	Drinking Water	7/18/2019 12:30	7/19/2019 21:13	Mr. John VanWagenen
3046691002	Trip Blank	Drinking Water	7/19/2019 21:13	7/19/2019 21:13	Mr. John VanWagenen

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SAMPLE SUMMARY

Workorder: 3046691 4702 Colebrook

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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PROJECT SUMMARY

Workorder: 3046691 4702 Colebrook

Sample Comments

Lab ID: 3046691002

Sample ID: Trip Blank

Sample Type: SAMPLE

This sample was cancelled per project specifications.

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ANALYTICAL RESULTS

Workorder: 3046691 4702 Colebrook

Lab ID: 3046691001

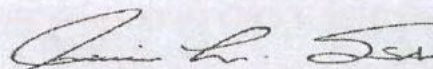
Date Collected: 7/18/2019 12:30

Matrix: Drinking Water

Sample ID: 4702 Colebrook

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:08	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:08	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:08	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2			7/22/19 19:08	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:08	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:08	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/22/19 19:08	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:08	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2			7/22/19 19:08	TMP	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichlorobenzene-d4 (S)	73.2		%	70 - 130	EPA 524.2			7/22/19 19:08	TMP	A
4-Bromofluorobenzene (S)	75.8		%	70 - 130	EPA 524.2			7/22/19 19:08	TMP	A



Jessica Lee Smith
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3046691 4702 Colebrook

Lab ID: 3046691002

Date Collected: 7/19/2019 21:13

Matrix: Drinking Water

Sample ID: Trip Blank

Date Received: 7/19/2019 21:13

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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ADMINISTRATIVE

Sample Cancelled

CANCEL

7/23/19 14:47 CPK

Jessica Lee Smith
Project Coordinator**ALS Environmental Laboratory Locations Across North America**Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
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34 Dogwood Lane
Middletown, PA 17057
P. 717-944-5541
F. 717-944-1430

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.

Page _____ of _____
Courier: _____
Tracking #: _____

COC# _____

Co. Name: *Canary Env. Assoc.*
Contact (Report to): *John Challengare*
Address: *PO Box 224
St. Peters, PA 19470*

Phone: *610-869-6540*

Bill to (if different than Report to): *Canary* PO#:

Project Name#: *4702 Catobrunh* ALS Quote #:

TAT: ☐ Normal-Standard TAT is 10-12 business days.
☒ Rush-Subject to ALS approval and surcharges.

Approved By: *YS*
Email? ☐ -Y ☐ -N
Fax? ☐ -Y ☐ -N

Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time
1 <i>4702 Catobrunh SW</i>		<i>7/15/19 12:35</i>	<i>6:00</i>
2 <i>trip blank</i>			
3			
4			
5			
6			
7			
8			

SAMPLED BY (Please Print): *John Van Wagoner*

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 <i>John Van Wagoner</i>	<i>7-17-19</i>	<i>12:35</i>	2 <i>Barbara Wojcik</i>	<i>7-17-19</i>	<i>12:35</i>
3			4		
5			6		
7			8		
9			10		

* G=Grab; C=Composite
Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY

**Matrix: AL=Air; DW=Drinking Water; GW=Groundwater; OL=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
***Container Type: AG=Amber Glass; CG=Clear Glass; PL=Plastic. Container Size: 250ml, 500ml, 1L, 8oz., etc. Preservative: HCl, HNO3, NaOH, etc.

Receipt Information (Completed by Sample Receiver) Performed by: <i>ANITA RESE</i>		ANALYSES/METHOD REQUESTED	
Cooler Temp: _____ Therm. ID: _____ No. of Coolers: _____ Notes: _____		Enter Number of Containers Per Analysis	
Correct containers?	Y N	Correct sample volume?	Y N
Correct preservation?	Y N	Headspace/Volatiles?	Y N
COC/Labels complete/accurate?	Y N	Container in good condition?	Y N
Received on ice?	Y N		
(if present) Seals intact?	Y N		
Custody seals Present?	Y N		
ALS FIELD SERVICES ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment ☐ Other: _____		SDWA Forms? ☐ yes ☐ no State Samples Collected In? ☐ MD ☐ NJ ☐ NY ☐ PA Data Deliverables: ☐ Standard ☐ CLP-like ☐ NJ-Reduced ☐ NJ-Full If yes, format type: _____ EDS Required? ☐ yes ☐ no DOD Criteria Required? ☐ yes ☐ no	