



SCI ENGINEERING, INC.

EARTH • SCIENCE • SOLUTIONS

GEOTECHNICAL
ENVIRONMENTAL
NATURAL RESOURCES
CULTURAL RESOURCES
CONSTRUCTION SERVICES

July 13, 2026

Patrick McCart
Rockwood School District
17146 Manchester Road
Wildwood, Missouri 63040

RE: Lead in Drinking Water Report - Resample
Blevins Elementary School
25 E. North Street
Eureka, Missouri 63025
SCI No. 2018-0351.2A Task 200

Dear Patrick McCart:

INTRODUCTION

SCI Engineering, Inc. (SCI) is pleased to submit this report summarizing lead in drinking water testing activities performed on July 18, 2023, and subsequent resampling conducted on January 12, June 19 and November 27, 2024, and July 7, 2025. The purpose of the sampling activities was to screen for elevated levels of lead in the drinking water at potable water sources throughout the above-referenced structure.

Following the initial testing, the school district performed remediation on fixtures which previously exceeded the action level. The remediated fixtures were then resampled, the results of which are summarized herein.

The drinking water survey is intended to satisfy the requirements for the “Get the Lead Out of School Drinking Water Act” (GTLOSDWA), Section 160.077 administered by the Missouri Department of Health and Senior Services. Potable water sources to be tested were identified by the school district prior to SCI’s field activities.

LIMITATIONS

SCI’s testing activities were limited to locations identified by the school district. If any additional potable water sources need testing, please contact SCI, and we will make arrangements for testing of these fixtures. Potable water sources that were not sampled will need a sign placed near each fixture informing students and faculty that it is not to be used as a drinking water source.

During the course of performing the initial survey of the structure, five water fixtures were non-operational. These fixtures included drinking fountains in Rooms 19, 20, 22, 23, and 26. If these fixtures are made operational, they should be sampled or labeled non-potable. SCI was able to sample all other locations identified by the school district.

DRINKING WATER SURVEY

SCI collected “first draw” samples which consisted of collecting a water sample from each fixture or sample location after it remained stagnant for at least eight hours. Prior to sampling, SCI first mobilized to the site to flush the identified potable water fixtures throughout the structure. Once each fixture was flushed, a sign was placed on the fixture indicating it should not be used. SCI then revisited the site, after a minimum of eight hours, to collect water samples from the fixtures.

On July 18, 2023, SCI initially collected 39 drinking water samples (BVES-1 through BVES-40) from various water fixtures located throughout the structure and submitted them for analytical testing. A sample number was inadvertently skipped in the field resulting in sample identification up to BVES-40. During this sampling event, 6 sample locations exceeded the action level (AL) of 5.0 micrograms lead per liter of water. One fixture was removed, the other five were taken out of service until remediation activities could be completed.

During SCI’s resampling event on January 12, 2024, 10 drinking water samples were collected from fixtures which exceeded 5.0 micrograms lead per liter of water. In addition to first draw samples, SCI also collected second draw samples during the resampling event. The second draw sample was collected after the first draw sample and consisted of flushing the fixture for approximately 30 seconds and then collecting the sample. The purpose of the second draw sample is to aid in pinpointing any potential lead contamination and determine appropriate remediation. During this resampling event, 5 sample locations exceeded the AL, and further remediation activities were recommended.

During SCI’s resampling event on June 19, 2024, 5 drinking water samples were collected from fixtures which exceeded the AL. During this sampling event, 2 fixtures were under the AL and were returned back to service. The remaining 3 fixtures were above the AL, and further remediation activities were recommended.

During the resampling event on November 27, 2024, the three sample locations that had previously exceeded the AL were retested. During this sampling event, the locations were still above the AL, and further remediation activities were recommended.

On July 7, 2025, SCI remobilized to the site to sample the three fixtures which had previously exceeded the AL. During this sampling event, all locations were below the AL and were returned to service.

All drinking water samples were analyzed for total lead by U.S. EPA Method 200.8. SCI collected a minimum of 250 milliliters of water from each location. Sampled water was containerized in laboratory-provided sample containers and shipped to the accredited lab using standard chain-of-custody procedures.

The drinking water samples were analyzed for lead in accordance with the GTLOSDWA Section 160.077, which establishes an action level (AL) of 5 parts per billion (ppb). The drinking water samples which initially exceeded the AL are identified in Table 1, below. Additionally, the results of SCI’s resampling efforts are included in the right-hand columns below. Results in bold from SCI’s resampling indicate a result greater than the AL. A copy of the analytical test results and chain-of-custody for all samples is enclosed.

Table 1 – Lead in Drinking Water Results

Sample Number	Sample Location	Sample Description	Initial Result (ppb)	Resampling- First Draw (ppb)	Resampling- Second Draw (ppb)	Second Resample (ppb)	Third Resample (ppb)	Fourth Resample (ppb)
BVES-15	Kitchen	Food Line Sink	8.71	33.9	1.3	2.93	NS	
BVES-16	Kitchen	Food Prep Right Sink	15.1	20.0	1.3	2.67	NS	
BVES-22	Kitchen	Left Faucet Triple Basin Sink	13.9	79.8	6.3	14.7	35	4.26
BVES-23	Kitchen	Center Faucet Triple Basin Sink	22.5	42.8	23.3	6.51	14.4	4.41
BVES-24	Kitchen	Right Faucet Triple Basin Sink	32.3	47.1	12.0	14.8	21.8	3.03

NS – Not sampled

CONCLUSION AND RECOMMENDATIONS

As previously mentioned, no drinking water samples exceeded the AL of 5 ppb. Therefore, all tested fixtures are compliant per GTLOSDWA and should be tested every five years.

Within seven business days after receiving this report, the school district shall contact parents and staff via written notification which shall include the following:

- The test results and a summary that explains such results;
- A description of any remedial steps taken;
- A description of general health effects of lead contamination and community specific resources; and
- If there is not enough water to meet the drinking water needs of the students, teachers, and staff, bottled water shall be provided.

Additionally, within two weeks of receiving this report, the results and any lead remediation plans must be made available on the school's website.

This report, and subsequent annual testing reports, must be submitted to the Missouri Department of Health and Senior Services, Healthy Drinking Water Unit, PO Box 570, Jefferson City, MO 65102-0570.

SCI appreciates the opportunity to be of service to you on this project. Please contact us if you have any questions or comments regarding the information provided.

Respectfully,

SCI ENGINEERING, INC.

Handwritten signature of Ethan D. Boyer in black ink.

Ethan D. Boyer
Staff Scientist

Handwritten signature of Jessica B. Keeven in black ink.

Jessica B. Keeven, CHMM
Environmental Services Manager

EDB/GBK/bmw

Enclosures
Lead Testing Results



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

August 31, 2023

Glenn Grissom
SCI Engineering
130 Point W. Blvd.
St. Charles, MO 63301

RE: 2018-0351.2T-BVES

Dear Glenn Grissom:

Please find enclosed the analytical results for the **31** sample(s) the laboratory received on **7/21/23 2:30 pm** and logged in under work order **GG03939**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

A handwritten signature in black ink, appearing to read 'Chenise Lambert-Sykes'.

Chenise Lambert-Sykes
Project Manager
(314)432-0550
Chenise.Lambert-Sykes@pacelabs.com

**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

Work Order GG03939

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
YES	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
NO	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

Case Narrative

COCs are orderered per the login.



ANALYTICAL RESULTS

Sample: GG03939-01
Name: BVES - 12
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:05
Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	2.28	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:19	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-02
Name: BVES - 13
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:06
Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	1.27	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:23	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-03
Name: BVES - 14
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:07
Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	2.99	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:25	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-04
Name: BVES - 15
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:08
Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	8.71	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:26	KMC	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03939-05
Name: BVES - 16
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:09

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	15.1	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:31	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-06
Name: BVES - 17
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:10

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	3.70	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:33	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-07
Name: BVES - 19
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:15

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	1.05	ug/L		08/01/23 10:31	1	1.00	08/30/23 14:37	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-08
Name: BVES - 20
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:18

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	2.76	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:34	KMC	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03939-09
Name: BVES - 21
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:20

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	3.00	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:36	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-10
Name: BVES - 22
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:21

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	13.9	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:37	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-11
Name: BVES - 23
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:22

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	22.5	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:39	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-12
Name: BVES - 24
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:22

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	32.3	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:44	KMC	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03939-13
Name: BVES - 25
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:26

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	2.17	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:45	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-14
Name: BVES - 26
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:27

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	< 1.00	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:50	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-15
Name: BVES - 27
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:27

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	2.34	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:51	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-16
Name: BVES - 28
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:30

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	2.42	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:53	KMC	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03939-17
Name: BVES - 29
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:35

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	< 1.00	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:54	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-18
Name: BVES - 30
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:37

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	< 1.00	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:56	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-19
Name: BVES - 31
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:43

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	1.95	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:58	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-20
Name: BVES - 32
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:45

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	8.18	ug/L		08/21/23 10:31	1	1.00	08/21/23 12:59	KMC	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03939-21
Name: BVES - 1
Matrix: Drinking Water - Grab

Sampled: 07/17/23 19:52

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	1.61	ug/L		08/18/23 09:08	1	1.00	08/19/23 11:25	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-22
Name: BVES - 2
Matrix: Drinking Water - Grab

Sampled: 07/17/23 19:53

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	1.57	ug/L		08/18/23 09:08	1	1.00	08/19/23 11:30	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-23
Name: BVES - 3
Matrix: Drinking Water - Grab

Sampled: 07/17/23 19:56

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	2.95	ug/L		08/18/23 09:08	1	1.00	08/19/23 11:31	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-24
Name: BVES - 4
Matrix: Drinking Water - Grab

Sampled: 07/17/23 19:56

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	< 1.00	ug/L		08/18/23 09:08	1	1.00	08/19/23 11:33	KMC	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03939-25
Name: BVES - 5
Matrix: Drinking Water - Grab

Sampled: 07/17/23 19:57

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	< 1.00	ug/L		08/18/23 09:08	1	1.00	08/19/23 11:35	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-26
Name: BVES - 6
Matrix: Drinking Water - Grab

Sampled: 07/17/23 19:59

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	< 1.00	ug/L		08/18/23 09:08	1	1.00	08/19/23 11:39	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-27
Name: BVES - 7
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:00

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	< 1.00	ug/L		08/18/23 09:08	1	1.00	08/19/23 11:41	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-28
Name: BVES - 8
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:01

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	< 1.00	ug/L		08/18/23 09:08	1	1.00	08/19/23 11:42	KMC	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03939-29
Name: BVES - 9
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:02

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	1.38	ug/L		08/18/23 09:08	1	1.00	08/19/23 11:44	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-30
Name: BVES - 10
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:03

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	1.08	ug/L		08/18/23 09:08	1	1.00	08/19/23 11:45	KMC	EPA 200.8 REV 5.4
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Sample: GG03939-31
Name: BVES - 11
Matrix: Drinking Water - Grab

Sampled: 07/17/23 20:04

Received: 07/21/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	2.20	ug/L		08/18/23 09:08	1	1.00	08/19/23 11:47	KMC	EPA 200.8 REV 5.4
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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<u>Batch B340057 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B340057-BLK1)				Prepared: 08/01/23 Analyzed: 08/14/23					
Lead	< 1.11	ug/L							
LCS (B340057-BS1)				Prepared: 08/01/23 Analyzed: 08/14/23					
Lead	577	ug/L		555.6		104	85-115		
Matrix Spike (B340057-MS1)				Prepared: 08/01/23 Analyzed: 08/14/23					
Lead	569	ug/L		555.6	0.707	102	70-130		
Matrix Spike Dup (B340057-MSD1)				Prepared: 08/01/23 Analyzed: 08/14/23					
Lead	570	ug/L		555.6	0.707	103	70-130	0.2	20
<u>Batch B341712 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B341712-BLK1)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	< 1.00	ug/L							
LCS (B341712-BS1)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	50.9	ug/L		50.00		102	85-115		
Matrix Spike (B341712-MS1)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	54.0	ug/L		50.00	1.26	105	70-130		
Matrix Spike (B341712-MS2)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	53.6	ug/L		50.00	ND	107	70-130		
Matrix Spike (B341712-MS3)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	51.1	ug/L		50.00	1.61	99	70-130		
Matrix Spike (B341712-MS4)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	51.5	ug/L		50.00	2.20	99	70-130		
Matrix Spike (B341712-MS5)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	53.0	ug/L		50.00	0.925	104	70-130		
Matrix Spike (B341712-MS6)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	52.9	ug/L		50.00	0.932	104	70-130		
Matrix Spike (B341712-MS7)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	51.1	ug/L		50.00	1.48	99	70-130		
Matrix Spike (B341712-MS8)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	51.2	ug/L		50.00	1.86	99	70-130		
Matrix Spike (B341712-MS9)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	53.2	ug/L		50.00	1.57	103	70-130		
Matrix Spike (B341712-MSA)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	57.1	ug/L		50.00	6.92	100	70-130		
Matrix Spike (B341712-MSB)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	51.9	ug/L		50.00	0.618	103	70-130		
Matrix Spike (B341712-MSC)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	56.7	ug/L		50.00	3.77	106	70-130		
Matrix Spike (B341712-MSD)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	81.1	ug/L		50.00	30.6	101	70-130		
Matrix Spike Dup (B341712-MSD1)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	50.4	ug/L		50.00	1.26	98	70-130	7	20
Matrix Spike Dup (B341712-MSD2)				Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	51.4	ug/L		50.00	ND	103	70-130	4	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B341712-MSD3)	Sample: GG03939-21			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	52.6	ug/L		50.00	1.61	102	70-130	3	20
Matrix Spike Dup (B341712-MSD4)	Sample: GG03939-31			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	51.5	ug/L		50.00	2.20	99	70-130	0.03	20
Matrix Spike Dup (B341712-MSD5)	Sample: GG03991-01			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	52.5	ug/L		50.00	0.925	103	70-130	0.9	20
Matrix Spike Dup (B341712-MSD6)	Sample: GG04334-01			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	51.7	ug/L		50.00	0.932	102	70-130	2	20
Matrix Spike Dup (B341712-MSD7)	Sample: GG04334-11			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	52.8	ug/L		50.00	1.48	103	70-130	3	20
Matrix Spike Dup (B341712-MSD8)	Sample: GG04339-07			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	52.5	ug/L		50.00	1.86	101	70-130	2	20
Matrix Spike Dup (B341712-MSD9)	Sample: GG04339-17			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	52.1	ug/L		50.00	1.57	101	70-130	2	20
Matrix Spike Dup (B341712-MSDA)	Sample: GG04339-28			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	60.7	ug/L		50.00	6.92	108	70-130	6	20
Matrix Spike Dup (B341712-MSDB)	Sample: GG04339-37			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	50.9	ug/L		50.00	0.618	101	70-130	2	20
Matrix Spike Dup (B341712-MSDC)	Sample: GG04339-47			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	58.0	ug/L		50.00	3.77	108	70-130	2	20
Matrix Spike Dup (B341712-MSDD)	Sample: GG04339-57			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	64.4	ug/L	Q2	50.00	30.6	68	70-130	23	20
Matrix Spike Dup (B341712-MSDE)	Sample: GG04339-67			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	77.2	ug/L		50.00	26.4	102	70-130	2	20
Matrix Spike Dup (B341712-MSDF)	Sample: GG04339-77			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	97.2	ug/L		50.00	46.4	102	70-130	0.8	20
Matrix Spike Dup (B341712-MSDG)	Sample: GG04339-87			Prepared: 08/18/23 Analyzed: 08/21/23					
Lead	58.5	ug/L		50.00	2.34	112	70-130	7	20
Matrix Spike Dup (B341712-MSDH)	Sample: GG04365-03			Prepared: 08/18/23 Analyzed: 08/21/23					
Lead	54.7	ug/L		50.00	0.215	109	70-130	4	20
Matrix Spike Dup (B341712-MSDI)	Sample: GG04365-13			Prepared: 08/18/23 Analyzed: 08/21/23					
Lead	57.8	ug/L		50.00	0.481	115	70-130	7	20
Matrix Spike Dup (B341712-MSDJ)	Sample: GG04382-04			Prepared: 08/18/23 Analyzed: 08/21/23					
Lead	53.1	ug/L		50.00	0.694	105	70-130	5	20
Matrix Spike (B341712-MSE)	Sample: GG04339-67			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	79.1	ug/L		50.00	26.4	106	70-130		
Matrix Spike (B341712-MSF)	Sample: GG04339-77			Prepared: 08/18/23 Analyzed: 08/19/23					
Lead	96.5	ug/L		50.00	46.4	100	70-130		
Matrix Spike (B341712-MSG)	Sample: GG04339-87			Prepared: 08/18/23 Analyzed: 08/21/23					
Lead	54.5	ug/L		50.00	2.34	104	70-130		
Matrix Spike (B341712-MSH)	Sample: GG04365-03			Prepared: 08/18/23 Analyzed: 08/21/23					
Lead	56.9	ug/L		50.00	0.215	113	70-130		
Matrix Spike (B341712-MSI)	Sample: GG04365-13			Prepared: 08/18/23 Analyzed: 08/21/23					
Lead	53.9	ug/L		50.00	0.481	107	70-130		
Matrix Spike (B341712-MSJ)	Sample: GG04382-04			Prepared: 08/18/23 Analyzed: 08/21/23					
Lead	55.7	ug/L		50.00	0.694	110	70-130		



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<u>Batch B341769 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B341769-BLK1)				Prepared & Analyzed: 08/21/23					
Lead	< 1.00	ug/L							
LCS (B341769-BS1)				Prepared & Analyzed: 08/21/23					
Lead	53.7	ug/L		50.00		107	85-115		
Matrix Spike (B341769-MS1)				Prepared & Analyzed: 08/21/23					
Lead	101	ug/L		50.00	2.28	196	70-130		
Matrix Spike (B341769-MS2)				Prepared & Analyzed: 08/21/23					
Lead	77.1	ug/L		50.00	22.5	109	70-130		
Matrix Spike (B341769-MS3)				Prepared & Analyzed: 08/21/23					
Lead	53.5	ug/L		50.00	0.169	107	70-130		
Matrix Spike (B341769-MS4)				Prepared & Analyzed: 08/21/23					
Lead	49.8	ug/L		50.00	0.213	99	70-130		
Matrix Spike (B341769-MS5)				Prepared & Analyzed: 08/21/23					
Lead	44.5	ug/L		50.00	0.448	88	70-130		
Matrix Spike (B341769-MS6)				Prepared & Analyzed: 08/21/23					
Lead	51.9	ug/L		50.00	3.96	96	70-130		
Matrix Spike (B341769-MS7)				Prepared & Analyzed: 08/21/23					
Lead	50.3	ug/L		50.00	0.794	99	70-130		
Matrix Spike (B341769-MS8)				Prepared & Analyzed: 08/21/23					
Lead	47.8	ug/L		50.00	0.572	95	70-130		
Matrix Spike (B341769-MS9)				Prepared & Analyzed: 08/21/23					
Lead	50.6	ug/L		50.00	1.66	98	70-130		
Matrix Spike (B341769-MSA)				Prepared & Analyzed: 08/21/23					
Lead	50.9	ug/L		50.00	2.46	97	70-130		
Matrix Spike (B341769-MSB)				Prepared & Analyzed: 08/21/23					
Lead	< 1.00	ug/L	Q1	50.00	ND		70-130		
Matrix Spike (B341769-MSC)				Prepared & Analyzed: 08/21/23					
Lead	51.6	ug/L		50.00	1.64	100	70-130		
Matrix Spike Dup (B341769-MSD1)				Prepared & Analyzed: 08/21/23					
Lead	103	ug/L		50.00	2.28	201	70-130	2	20
Matrix Spike Dup (B341769-MSD2)				Prepared & Analyzed: 08/21/23					
Lead	73.6	ug/L		50.00	22.5	102	70-130	5	20
Matrix Spike Dup (B341769-MSD3)				Prepared & Analyzed: 08/21/23					
Lead	60.0	ug/L		50.00	0.169	120	70-130	11	20
Matrix Spike Dup (B341769-MSD4)				Prepared & Analyzed: 08/21/23					
Lead	48.8	ug/L		50.00	0.213	97	70-130	2	20
Matrix Spike Dup (B341769-MSD5)				Prepared & Analyzed: 08/21/23					
Lead	44.6	ug/L		50.00	0.448	88	70-130	0.3	20
Matrix Spike Dup (B341769-MSD6)				Prepared & Analyzed: 08/21/23					
Lead	53.4	ug/L		50.00	3.96	99	70-130	3	20
Matrix Spike Dup (B341769-MSD7)				Prepared & Analyzed: 08/21/23					
Lead	51.7	ug/L		50.00	0.794	102	70-130	3	20
Matrix Spike Dup (B341769-MSD8)				Prepared & Analyzed: 08/21/23					
Lead	53.3	ug/L		50.00	0.572	106	70-130	11	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B341769-MSD9)	Sample: GG04124-07		Prepared & Analyzed: 08/21/23						
Lead	53.6	ug/L		50.00	1.66	104	70-130	6	20
Matrix Spike Dup (B341769-MSDA)	Sample: GG04157-01		Prepared & Analyzed: 08/21/23						
Lead	50.4	ug/L		50.00	2.46	96	70-130	0.9	20
Matrix Spike Dup (B341769-MSDB)	Sample: GG04268-02		Prepared & Analyzed: 08/21/23						
Lead	< 1.00	ug/L	Q2	50.00	ND		70-130		20
Matrix Spike Dup (B341769-MSDC)	Sample: GG04316-01		Prepared & Analyzed: 08/21/23						
Lead	53.3	ug/L		50.00	1.64	103	70-130	3	20



NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Qualifiers

Q1 Matrix Spike failed % recovery acceptance limits. The associated blank spike recovery was acceptable.

Q2 Matrix Spike Duplicate failed % recovery acceptance limits. The associated blank spike recovery was acceptable.

Certified by: Chenise Lambert-Sykes, Project Manager

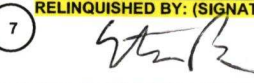
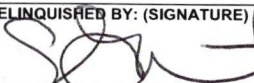
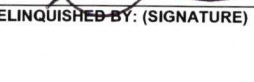
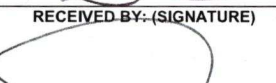
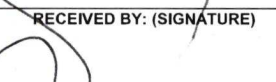


REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

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CHAIN OF CUSTODY RECORD
STATE WHERE SAMPLE COLLECTED MO

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

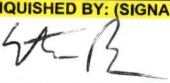
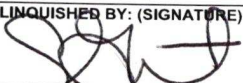
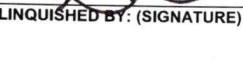
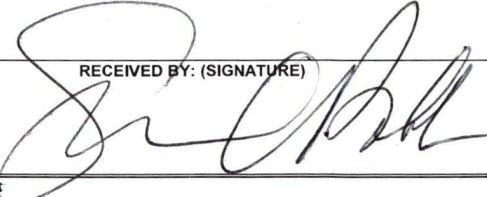
1 CLIENT SCI Engineering ADDRESS 130 Point West Blvd CITY STATE ZIP St. Charles, MO 63301 CONTACT PERSON Glen Grissom		PROJECT NUMBER 2018-0351.2T PHONE NUMBER (314) 581-7570 PROJECT LOCATION BVES E-MAIL ggrissom@sciengineering.com SAMPLER (PLEASE PRINT) Ethan Boyer SAMPLER'S SIGNATURE 		PURCHASE ORDER # DATE SHIPPED MATRIX TYPES: WW- WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL- SLUDGE NAS- NON AQUEOUS SOLID LCHT- LEACHATE OIL- OIL SO- SOIL SOL- SOLID		3 ANALYSIS REQUESTED DW Pb Turb Check		4 (FOR LAB USE ONLY) LOGIN # GG03939 LOGGED BY: SAB CLIENT: SCI Engineering PROJECT: Drinking Water Lead PROJ. MGR.: Chenise Lambert-Sykes CUSTODY SEAL #: 			
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	DW Pb	Turb Check	REMARKS
BVES- 24		7-17-23	2022	X	X	DW	1	6	X	X	
BVES- 25		7-17-23	2026	X	X	DW	1	6	X	X	
BVES- 26		7-17-23	2027	X	X	DW	1	6	X	X	
BVES- 27		7-17-23	2027	X	X	DW	1	6	X	X	
BVES- 28		7-17-23	2030	X	X	DW	1	6	X	X	
BVES- 29		7-17-23	2035	X	X	DW	1	6	X	X	
BVES- 30		7-17-23	2037	X	X	DW	1	6	X	X	
BVES- 31		7-17-23	2043	X	X	DW	1	6	X	X	
BVES 32		7-17-23	2045	X	X	DW	1	6	X	X	
CHEMICAL PRESERVATION CODES: 1- HCL 2- H2SO4 3- HNO3 4- NAOH 5- NA2S2O3 6- UNPRESERVED 7- OTHER											
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:				DATE RESULTS NEEDED		6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities. PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)					
7 RELINQUISHED BY: (SIGNATURE)  RELINQUISHED BY: (SIGNATURE)  RELINQUISHED BY: (SIGNATURE) 		DATE 7-20-23 TIME 15:42 DATE 7-21-23 TIME 1430 DATE TIME	RECEIVED BY: (SIGNATURE)  RECEIVED BY: (SIGNATURE)  RECEIVED BY: (SIGNATURE) 		DATE 7-21-23 TIME 1020 DATE TIME DATE 7-21-23 TIME 14:30	8 COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT °C CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N DATE AND TIME TAKEN FROM SAMPLE BOTTLE					

REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

213

CHAIN OF CUSTODY RECORD
STATE WHERE SAMPLE COLLECTED MO

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT SCI Engineering ADDRESS 130 Point West Blvd CITY STATE ZIP St. Charles, MO 63301 CONTACT PERSON Glen Grissom		PROJECT NUMBER 2018-0351.2T PHONE NUMBER (314) 581-7570 PROJECT LOCATION BVES E-MAIL ggriissom@sciengineering.com DATE SHIPPED SAMPLER (PLEASE PRINT) Ethan Boyer SAMPLER'S SIGNATURE 		PURCHASE ORDER # MATRIX TYPES: WW- WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL- SLUDGE NAS- NON AQUEOUS SOLID LCHL- LEACHATE OIL- OIL SO- SOIL SOL- SOLID		3 ANALYSIS REQUESTED DW Pb Turb Check 		4 (FOR LAB USE ONLY) LOGIN # <u>GG03939</u> LOGGED BY: <u>STB</u> CLIENT: <u>SCI Engineering</u> PROJECT: <u>Drinking Water Lead</u> PROJ. MGR.: <u>Chenise Lambert-Sykes</u> CUSTODY SEAL #: _____ REMARKS										
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	DW Pb	Turb Check								
BVES- 12		7-17-23	2005	X	X	DW	1	6	X	X								
BVES- 13		7-17-23	2006	X	X	DW	1	6	X	X								
BVES- 14		7-17-23	2007	X	X	DW	1	6	X	X								
BVES- 15		7-17-23	2008	X	X	DW	1	6	X	X								
BVES- 16		7-17-23	2009	X	X	DW	1	6	X	X								
BVES- 17		7-17-23	2010	X	X	DW	1	6	X	X								
BVES- 19		7-17-23	2015	X	X	DW	1	6	X	X								
BVES- 20		7-17-23	2018	X	X	DW	1	6	X	X								
BVES- 21		7-17-23	2020	X	X	DW	1	6	X	X								
BVES- 22		7-17-23	2021	X	X	DW	1	6	X	X								
BVES- 23		7-17-23	2022	X	X	DW	1	6	X	X								
CHEMICAL PRESERVATION CODES:		1 - HCL	2 - H2SO4	3 - HNO3	4 - NAOH	5 - NA2S2O3	6 - UNPRESERVED	7 - OTHER										
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:		DATE RESULTS NEEDED		6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities. PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____														
7 RELINQUISHED BY: (SIGNATURE)  RELINQUISHED BY: (SIGNATURE)  RELINQUISHED BY: (SIGNATURE) 		DATE 7-20-23	TIME 15:42	RECEIVED BY: (SIGNATURE) 		DATE 7/21/23		TIME 1020		8 COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT _____ °C CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N DATE AND TIME TAKEN FROM SAMPLE BOTTLE _____								
DATE 7/21/23		TIME 1430		RECEIVED BY: (SIGNATURE) 		DATE 7-21-23		TIME 14:30										



Pace Analytical Services
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REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED MO

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT SCI Engineering		PROJECT NUMBER 2018-0351.2T		PROJECT LOCATION BVES		PURCHASE ORDER #		3 ANALYSIS REQUESTED				4 (FOR LAB USE ONLY)	
ADDRESS 130 Point West Blvd		PHONE NUMBER (314) 581-7570		E-MAIL ggriissor@sciengineering.com		DATE SHIPPED		DW Pb Turb Check				LOGIN #	
CITY STATE ZIP St. Charles, MO 63301		SAMPLER (PLEASE PRINT) Ethan Boyer		MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WW-SLUDGE NAS-NON AQUEOUS SOLID LCHT-LEACHATE DIL-OIL SO-SOL SOL-SOLID		LOGGED BY:							
CONTACT PERSON Glen Grissom		SAMPLER'S SIGNATURE 				CLIENT							
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED					REMARKS	
BVES- 1		7-17-23	1952	X X	DW	1	6	X X					
BVES- 2		7-17-23	1953	X X	DW	1	6	X X					
BVES- 3		7-17-23	1956	X X	DW	1	6	X X					
BVES- 4		7-17-23	1956	X X	DW	1	6	X X					
BVES- 5		7-17-23	1957	X X	DW	1	6	X X					
BVES- 6		7-17-23	1959	X X	DW	1	6	X X					
BVES- 7		7-17-23	2000	X X	DW	1	6	X X					
BVES- 8		7-17-23	2001	X X	DW	1	6	X X					
BVES- 9		7-17-23	2002	X X	DW	1	6	X X					
BVES- 10		7-17-23	2003	X X	DW	1	6	X X					
BVES- 11		7-17-23	2004	X X	DW	1	6	X X					
CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3-HNO3 4-NAOH 5-NA2S2O3 6-UNPRESERVED 7-OTHER													
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)				DATE RESULTS NEEDED		6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may <u>NOT</u> be acceptable to report to all regulatory authorities.							
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE						PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)							
EMAIL IF DIFFERENT FROM ABOVE:				PHONE # IF DIFFERENT FROM ABOVE:									
7 RELINQUISHED BY: (SIGNATURE)		DATE	RECEIVED BY: (SIGNATURE)		DATE	8 COMMENTS: (FOR LAB USE ONLY)							
		TIME			TIME								
RELINQUISHED BY: (SIGNATURE)		DATE	RECEIVED BY: (SIGNATURE)		DATE								
		TIME			TIME								
RELINQUISHED BY: (SIGNATURE)		DATE	RECEIVED BY: (SIGNATURE)		DATE								
		TIME			TIME								
						SAMPLE TEMPERATURE UPON RECEIPT °C							
						CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N							
						SAMPLE(S) RECEIVED ON ICE Y OR N							
						SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N							
						DATE AND TIME TAKEN FROM SAMPLE BOTTLE							

REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

2/3

CHAIN OF CUSTODY RECORD
STATE WHERE SAMPLE COLLECTED MO

1 CLIENT SCI Engineering ADDRESS: 130 Point West Blvd CITY STATE ZIP: St. Charles, MO 63301 CONTACT PERSON: Glen Grissom		PROJECT NUMBER 2018-0351.2T PHONE NUMBER (314) 581-7570		PROJECT LOCATION BVES E-MAIL ggrissom@sciengineering.com		PURCHASE ORDER # DATE SHIPPED 		3 ANALYSIS REQUESTED DW Pb ☒ Turb Check ☒				4 (FOR LAB USE ONLY) LOGIN # <u>6603939</u> LOGGED BY: <u>SAB</u> CLIENT: SCI Engineering PROJECT: Drinking Water Lead PROJ. MGR.: Chenise Lambert-Sykes CUSTODY SEAL #: _____	
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	5				6	
BVES-12 BVES-13 BVES-14 BVES-15 BVES-16 BVES-17 BVES-19 BVES-20 BVES-21 BVES-22 BVES-23		7-17-23 7-17-23 7-17-23 7-17-23 7-17-23 7-17-23 7-17-23 7-17-23 7-17-23 7-17-23 7-17-23	2005 2006 2007 2008 2009 2010 2015 2018 2020 2021 2022	X X X X X X X X X X X X X X X X X X X X X X	DW DW DW DW DW DW DW DW DW DW DW	1 1 1 1 1 1 1 1 1 1 1	6 6 6 6 6 6 6 6 6 6 6	X X X X X X X X X X X X X X X X X X X X X X				REMARKS	
CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3-HNO3 4-NAOH 5-NA2S2O3 6-UNPRESERVED 7-OTHER													
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:													
6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities. PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____													
7 RELINQUISHED BY: (SIGNATURE) [Signature]		DATE 7-20-23 TIME 15:42	RECEIVED BY: (SIGNATURE) [Signature]		DATE 7/21/23 TIME 10:20	8 COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT _____ °C CHILL PROCESS STARTED PRIOR TO RECEIPT SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N DATE AND TIME TAKEN FROM SAMPLE BOTTLE _____							
RELINQUISHED BY: (SIGNATURE) [Signature]		DATE 7/21/23 TIME 14:30	RECEIVED BY: (SIGNATURE) [Signature]		DATE 7-21-23 TIME 14:30								
RELINQUISHED BY: (SIGNATURE) [Signature]		DATE TIME 	RECEIVED BY: (SIGNATURE) [Signature]		DATE TIME 								

REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

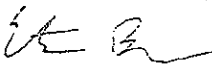
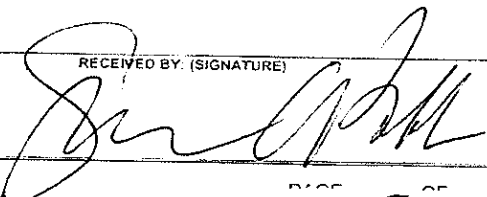
313

CHAIN OF CUSTODY RECORD
STATE WHERE SAMPLE COLLECTED MO

1 CLIENT SCI Engineering ADDRESS: 130 Point West Blvd CITY STATE ZIP: St. Charles, MO 63301 CONTACT PERSON: Glen Grissom		ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT) PROJECT NUMBER: 2018-0351.2T PROJECT LOCATION: BVES PHONE NUMBER: (314) 581-7570 E-MAIL: ggrissom@sciengineering.com DATE SHIPPED:		3 ANALYSIS REQUESTED DW Pb Turb Check		4 (FOR LAB USE ONLY) LOGIN #: GG03939 LOGGED BY: SJB CLIENT: SCI Engineering PROJECT: Drinking Water Lead PROJ. MGR.: Chenise Lambert-Sykes CUSTODY SEAL #:			
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	DW Pb Turb Check	REMARKS
BVES-24		7-17-23	2022	X X	DW	1	6	X X	
BVES-25		7-17-23	2026	X X	DW	1	6	X X	
BVES-26		7-17-23	2027	X X	DW	1	6	X X	
BVES-27		7-17-23	2027	X X	DW	1	6	X X	
BVES-28		7-17-23	2030	X X	DW	1	6	X X	
BVES-29		7-17-23	2035	X X	DW	1	6	X X	
BVES-30		7-17-23	2037	X X	DW	1	6	X X	
BVES-31		7-17-23	2043	X X	DW	1	6	X X	
BVES-32		7-17-23	2045	X X	DW	1	6	X X	
CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3-HNO3 4-NAOH 5-NA2S2O3 6-UNPRESERVED 7-OTHER									
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) NORMAL RUSH RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:				6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities. PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)		7 RELINQUISHED BY: (SIGNATURE) DATE 7-20-23 TIME 15:42 RECEIVED BY: (SIGNATURE) DATE 7-21-23 TIME 10:20 COMMENTS: (FOR LAB USE ONLY)			
RELINQUISHED BY: (SIGNATURE) DATE 7-21-23 TIME 14:30 RECEIVED BY: (SIGNATURE)				RELINQUISHED BY: (SIGNATURE) DATE 7-21-23 TIME 14:30 RECEIVED BY: (SIGNATURE)		SAMPLE TEMPERATURE UPON RECEIPT °C CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N DATE AND TIME TAKEN FROM SAMPLE BOTTLE			

REGULATORY PROGRAM (CIRCLE):		NPDES
MORBCA	RCRA	
CCDD	TACO: RES OR IND/COMM	

CHAIN OF CUSTODY RECORD
STATE WHERE SAMPLE COLLECTED MO

1 CLIENT SCI Engineering		PROJECT NUMBER 2018-0351.2T		PROJECT LOCATION BVES		PURCHASE ORDER #		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY)	
ADDRESS 130 Point West Blvd		PHONE NUMBER (314) 581-7570		E-MAIL ggrissom@sciengineering.com		DATE SHIPPED				LOGIN # <u>GG63939</u>	
CITY St. Charles, MO 63301		SAMPLER (PLEASE PRINT) Ethan Boyer		MATRIX TYPES: W-W: WASTEWATER DW: DRINKING WATER GW: GROUND WATER AWW: SLUDGE NAS: NON AQUEOUS SOLID LCH: LEACHATE DIL: OIL SOL: SOLID						LOGGED BY:	
CONTACT PERSON Glen Grissom		SAMPLER'S SIGNATURE 								CLIENT: SCI Engineering	
										PROJECT: Drinking Water Lead	
										PROJ. MGR.: Chenise Lambert-Sykes	
										CUSTODY SEAL #:	
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	DW Pb	Turb Check	REMARKS
BVES-1	7-17-23	1952	X	X	DW	1	6	X	X		
BVES-2	7-17-23	1953	X	X	DW	1	6	X	X		
BVES-3	7-17-23	1956	X	X	DW	1	6	X	X		
BVES-4	7-17-23	1956	X	X	DW	1	6	X	X		
BVES-5	7-17-23	1957	X	X	DW	1	6	X	X		
BVES-6	7-17-23	1958	X	X	DW	1	6	X	X		
BVES-7	7-17-23	2000	X	X	DW	1	6	X	X		
BVES-8	7-17-23	2001	X	X	DW	1	6	X	X		
BVES-9	7-17-23	2002	X	X	DW	1	6	X	X		
BVES-10	7-17-23	2003	X	X	DW	1	6	X	X		
BVES-11	7-17-23	2004	X	X	DW	1	6	X	X		
CHEMICAL PRESERVATION CODES: 1 - HCL 2 - H2SO4 3 - HNO3 4 - NaOH 5 - NA2S2O3 6 - UNPRESERVED 7 - OTHER											
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)		DATE RESULTS NEEDED		6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.							
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE				PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)							
EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:											
7 RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	8 COMMENTS: (FOR LAB USE ONLY)			
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME				
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME				
		DATE	TIME			DATE	TIME	SAMPLE TEMPERATURE UPON RECEIPT °C			
						7-24-23	14:30	CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N			
								DATE AND TIME TAKEN FROM SAMPLE BOTTLE			



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

October 22, 2023

Glenn Grissom
SCI Engineering
130 Point W. Blvd.
St. Charles, MO 63301

RE: 2018-0351.2T-Blevins Elementary

Dear Glenn Grissom:

Please find enclosed the analytical results for the **5** sample(s) the laboratory received on **8/18/23 3:20 pm** and logged in under work order **GH04163**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

A handwritten signature in black ink, appearing to read 'Chenise Lambert-Sykes'.

Chenise Lambert-Sykes
Project Manager
(314)432-0550
Chenise.Lambert-Sykes@pacelabs.com

**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

Work Order GH04163

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
YES	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
NO	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

Case Narrative

The drinking water lead analysis was performed at Pace-Ormond Beach, FL. Please refer to the subcontract section of the report for details.



ANALYTICAL RESULTS

Sample: GH04163-01
Name: BVES-18
Matrix: Drinking Water - Grab

Sampled: 08/16/23 21:38
Received: 08/18/23 15:20

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Subcontracted Analysis - Pace Analytical - Ormond Beach

Lead	2.7	ug/L		08/16/23 21:38	1	1		PACE	EPA 200.8 REV 5.4
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Sample: GH04163-02
Name: BVES-27-R
Matrix: Drinking Water - Grab

Sampled: 08/16/23 21:42
Received: 08/18/23 15:20

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Subcontracted Analysis - Pace Analytical - Ormond Beach

Lead	2.7	ug/L		08/16/23 21:42	1	1		PACE	EPA 200.8 REV 5.4
------	-----	------	--	----------------	---	---	--	------	-------------------

Sample: GH04163-03
Name: BVES-29-R
Matrix: Drinking Water - Grab

Sampled: 08/16/23 21:45
Received: 08/18/23 15:20

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Subcontracted Analysis - Pace Analytical - Ormond Beach

Lead	< 1	ug/L		08/16/23 21:45	1	1		PACE	EPA 200.8 REV 5.4
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Sample: GH04163-04
Name: BVES-33
Matrix: Drinking Water - Grab

Sampled: 08/16/23 21:46
Received: 08/18/23 15:20

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Subcontracted Analysis - Pace Analytical - Ormond Beach

Lead	< 1	ug/L		08/16/23 21:46	1	1		PACE	EPA 200.8 REV 5.4
------	-----	------	--	----------------	---	---	--	------	-------------------



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

ANALYTICAL RESULTS

Sample: GH04163-05

Name: BVES-34

Matrix: Drinking Water - Grab

Sampled: 08/16/23 21:49

Received: 08/18/23 15:20

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Subcontracted Analysis - Pace Analytical - Ormond Beach

Lead	4.5	ug/L		08/16/23 21:49	1	1		PACE	EPA 200.8 REV 5.4
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NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050



Certified by: Chenise Lambert-Sykes, Project Manager



October 12, 2023

Chenise Lambert-Sykes
Pace Analytical Services, Inc - IL/MO
944 Anglum Road
Hazelwood, MO 63042

RE: Project: GH04163
Pace Project No.: 35832464

Dear Chenise Lambert-Sykes:

Enclosed are the analytical results for sample(s) received by the laboratory on October 05, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brad Smith
brad.smith@pacelabs.com
(386) 672-5668
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: GH04163

Pace Project No.: 35832464

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

DoD-ANAB #: ADE-3199

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maine Certification #: FL01264

Maryland Certification: #346

Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: GH04163

Pace Project No.: 35832464

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35832464001	GH04163-01	EPA 200.8	LEC	1	PASI-O
35832464002	GH04163-02	EPA 200.8	LEC	1	PASI-O
35832464003	GH04163-03	EPA 200.8	LEC	1	PASI-O
35832464004	GH04163-04	EPA 200.8	LEC	1	PASI-O
35832464005	GH04163-05	EPA 200.8	LEC	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: GH04163
Pace Project No.: 35832464

Sample: GH04163-01		Lab ID: 35832464001	Collected: 08/16/23 21:38	Received: 10/05/23 16:30	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach						
Lead	2.7	ug/L	1.0	1		10/12/23 18:42	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: GH04163
Pace Project No.: 35832464

Sample: GH04163-02		Lab ID: 35832464002		Collected: 08/16/23 21:42		Received: 10/05/23 16:30		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	2.7	ug/L	1.0	1		10/12/23 18:42	7439-92-1		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: GH04163
Pace Project No.: 35832464

Sample: GH04163-03		Lab ID: 35832464003		Collected: 08/16/23 21:45		Received: 10/05/23 16:30		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	ND	ug/L	1.0	1		10/12/23 18:25	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: GH04163
Pace Project No.: 35832464

Sample: GH04163-04		Lab ID: 35832464004		Collected: 08/16/23 21:46		Received: 10/05/23 16:30		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	ND	ug/L	1.0	1		10/12/23 18:26	7439-92-1		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: GH04163

Pace Project No.: 35832464

Sample: GH04163-05		Lab ID: 35832464005		Collected: 08/16/23 21:49		Received: 10/05/23 16:30		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	4.5	ug/L	1.0	1		10/12/23 18:28	7439-92-1		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: GH04163
Pace Project No.: 35832464

QC Batch: 957549 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35832464001, 35832464002, 35832464003, 35832464004, 35832464005

METHOD BLANK: 5265796 Matrix: Water
Associated Lab Samples: 35832464001, 35832464002, 35832464003, 35832464004, 35832464005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	1.0	10/12/23 18:39	

LABORATORY CONTROL SAMPLE: 5265797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	51.3	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5265792 5265793

Parameter	Units	35832452102 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	3.8	50	50	55.9	55.7	104	104	70-130	0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5265794 5265795

Parameter	Units	35832475001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	50	50	50.5	49.8	101	99	70-130	1	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: GH04163
Pace Project No.: 35832464

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GH04163

Pace Project No.: 35832464

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35832464001	GH04163-01	EPA 200.8	957549		
35832464002	GH04163-02	EPA 200.8	957549		
35832464003	GH04163-03	EPA 200.8	957549		
35832464004	GH04163-04	EPA 200.8	957549		
35832464005	GH04163-05	EPA 200.8	957549		

REPORT OF LABORATORY ANALYSIS

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SUBCONTRACT ORDER
Transfer Chain of Custody
Pace Analytical Services, LLC
GH04163

WO# : 35832464



SENDING LABORATORY

PDC Laboratories, Inc.
944 Anglum Road
Hazelwood, MO 63042
(800) 333-3278

RECEIVING LABORATORY

Pace Analytical - Ormond Beach
8 East Tower Circle
Ormond Beach, FL 32174
(386) 676-4842

Sample: GH04163-01
Name: BVES-18

Sampled: 08/16/23 21:38
Matrix: Drinking Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	08/31/23 16:00	02/12/24 21:38	
01-Turb check	08/31/23 16:00	02/12/24 21:38	

Sample: GH04163-02
Name: BVES-27-R

Sampled: 08/16/23 21:42
Matrix: Drinking Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	08/31/23 16:00	02/12/24 21:42	
01-Turb check	08/31/23 16:00	02/12/24 21:42	

Sample: GH04163-03
Name: BVES-29-R

Sampled: 08/16/23 21:45
Matrix: Drinking Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	08/31/23 16:00	02/12/24 21:45	
01-Turb check	08/31/23 16:00	02/12/24 21:45	

Sample: GH04163-04
Name: BVES-33

Sampled: 08/16/23 21:46
Matrix: Drinking Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	08/31/23 16:00	02/12/24 21:46	
01-Turb check	08/31/23 16:00	02/12/24 21:46	

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC
GH04163

WO# : 35832464

PM: BTS

Due Date: 10/13/23

CLIENT: PACHAZ

SENDING LABORATORY

PDC Laboratories, Inc.
944 Anglum Road
Hazelwood, MO 63042
(800) 333-3278

RECEIVING LABORATORY

Pace Analytical - Ormond Beach
8 East Tower Circle
Ormond Beach, FL 32174
(386) 676-4842

Sample: GH04163-05
Name: BVES-34

Sampled: 08/16/23 21:49
Matrix: Drinking Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	08/31/23 16:00	02/12/24 21:49	
01-Turb check	08/31/23 16:00	02/12/24 21:49	

Please email results to Chenise Lambert-Sykes at Chenise.Lambert-Sykes@pacelabs.com

Date Shipped: 10/2/23 Total # of Containers: 5 Sample Origin (State): _____ PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH

Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time	Sample Temperature Upon Receipt	22.5 °C
<u>[Signature]</u>	<u>10/1/23 1200</u>	<u>[Signature]</u>	<u>10/2/23 0545</u>	Sample(s) Received on Ice	Y or N
				Proper Bottles Received in Good Condition	Y or N
				Bottles Filled with Adequate Volume	Y or N
				Samples Received Within Hold Time	Y or N
				Date/Time Taken From Sample Bottle	Y or N
Relinquished By	Date/Time	Received By	Date/Time		
<u>[Signature]</u>	<u>10/2/23 0545</u>	<u>B.P. Pace</u>	<u>10/5/23 1620</u>		

Pace

Sample Condition Upon Receipt Form (SCUR)

WO# : 35832464

PM: BTS

Due Date: 10/13/23

CLIENT: PACHAZ

Project #

Project Manager:

Client:

Date and Initials of person:

Examining contents:

Label:

Deliver:

pH:

Initials: JRS

Thermometer Used: T 409

Date: 10-5-23

Time: 1637

State of Origin:

☐ For WV projects, all containers verified to $\leq 6^{\circ}\text{C}$

Cooler #1 Temp. $^{\circ}\text{C}$ 24.3 (Visual) tal (Correction Factor) 24.4 (Actual)

Cooler #2 Temp. $^{\circ}\text{C}$ 25.3 (Visual) (Correction Factor) 25.4 (Actual)

Cooler #3 Temp. $^{\circ}\text{C}$ 23.2 (Visual) (Correction Factor) 23.3 (Actual)

Cooler #4 Temp. $^{\circ}\text{C}$ 22.2 (Visual) (Correction Factor) 22.3 (Actual)

Cooler #5 Temp. $^{\circ}\text{C}$ 24.4 (Visual) (Correction Factor) 24.5 (Actual)

Cooler #6 Temp. $^{\circ}\text{C}$ 25.3 (Visual) (Correction Factor) 25.4 (Actual)

Recheck for OOT $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

Time: Initials:

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Shipping Method: ☐ Standard Overnight ☐ First Overnight ☐ Priority Overnight ☒ Ground ☐ International Priority ☐ Other:

Billing: ☐ Recipient ☒ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking # 7903 7806 2713

Custody Seal Present: ☐ Yes ☐ No Seal properly placed and intact: ☐ Yes ☐ No

Ice: ☐ Wet ☐ Blue ☒ Dry ☐ None ☐ Melted

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other:

Samples shorted to lab: ☐ Yes ☐ No (If yes, complete the following)

Shorted Date:

Shorted Time:

Bottle Quantity / Type:

Chain of Custody:	Present: ☒ Yes ☐ No	Filled Out: ☒ Yes ☐ No ☐ N/A	Relinquished From Pace: ☒ Yes ☐ No ☐ N/A	Sampler Name: ☒ Yes ☐ No ☐ N/A								
	Relinquished To Pace: ☐ Yes ☐ No ☐ N/A Sampling Date(s): ☒ Yes ☐ No ☐ N/A Sampling Time(s): ☒ Yes ☐ No ☐ N/A											
Samples Arrived within Hold Time	☒ Yes ☐ No ☐ N/A	Comments:										
Rush Turnaround Requested on COC	☐ Yes ☒ No ☐ N/A	Comments:										
Sufficient Volume	☒ Yes ☐ No ☐ N/A	Comments:										
Correct Containers Used	☒ Yes ☐ No ☐ N/A	Comments:										
Containers Intact	☒ Yes ☐ No ☐ N/A	Comments:										
Sample Labels Match COC (Sample ID, Date/Time of Collection)	☒ Yes ☐ No ☐ N/A	Comments:										
All containers needing acid / base preservation have been checked	☒ Yes ☐ No ☐ N/A	<table border="1"><thead><tr><th colspan="2">Preservation Information</th></tr></thead><tbody><tr><td>Preservative:</td><td>Date:</td></tr><tr><td>Lot / Trace:</td><td>Time:</td></tr><tr><td>Amount added (mL):</td><td>Initials:</td></tr></tbody></table>			Preservation Information		Preservative:	Date:	Lot / Trace:	Time:	Amount added (mL):	Initials:
Preservation Information												
Preservative:	Date:											
Lot / Trace:	Time:											
Amount added (mL):	Initials:											
All containers needing preservation are found to be in compliance with EPA recommendation:	☒ Yes ☐ No ☐ N/A											
Exceptions: Vials, Microbiology, O&G, PFAS												
Headspace in Volatile Vials? (>6mm):	☐ Yes ☐ No ☒ N/A											
Trip Blank Present:	☐ Yes ☐ No ☒ N/A											

Comments / Resolutions (use back for additional comments):

All containers arrived in 500mL Co
Cooler #14, 23.0, Cooler #15, 25.1

Pace

Sample Condition Upon Receipt Form (SCUR)

Project #
Project Manager:
Client:

Date and Initials of person:

Examining contents: _____

Label: _____

Deliver: _____

pH: _____

Initials: JRS

Thermometer Used: T 409

Date: 10-5-23

Time: 1637

State of Origin: _____

☐ For WV projects, all containers verified to $\leq 6^{\circ}\text{C}$

Cooler #1 Temp. $^{\circ}\text{C}$ 24.3 (Visual) tail (Correction Factor) 24.4 (Actual)

Cooler #2 Temp. $^{\circ}\text{C}$ 25.3 (Visual) _____ (Correction Factor) 25.4 (Actual)

Cooler #3 Temp. $^{\circ}\text{C}$ 23.2 (Visual) _____ (Correction Factor) 23.3 (Actual)

Cooler #4 Temp. $^{\circ}\text{C}$ 22.2 (Visual) _____ (Correction Factor) 22.3 (Actual)

Cooler #5 Temp. $^{\circ}\text{C}$ 24.4 (Visual) _____ (Correction Factor) 24.5 (Actual)

Cooler #6 Temp. $^{\circ}\text{C}$ 25.3 (Visual) _____ (Correction Factor) 25.4 (Actual)

Recheck for OOT $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

Time: _____ Initials: _____

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other: _____

Shipping Method: ☐ Standard Overnight ☐ First Overnight ☐ Priority Overnight ☒ Ground ☐ International Priority ☐ Other: _____

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking # _____

Custody Seal Present: ☐ Yes ☐ No Seal properly placed and intact: ☐ Yes ☐ No

Ice: ☐ Wet ☐ Blue ☒ Dry ☐ None ☐ Melted

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other: _____

Samples shorted to lab: ☐ Yes ☐ No (If yes, complete the following)

Shorted Date: _____

Shorted Time: _____

Bottle Quantity / Type: _____

Chain of Custody:	Present: ☐ Yes ☐ No Filled Out: ☐ Yes ☐ No ☐ N/A Relinquished From Pace: ☐ Yes ☐ No ☐ N/A Sampler Name: ☐ Yes ☐ No ☐ N/A	
	Relinquished To Pace: ☐ Yes ☐ No ☐ N/A Sampling Date(s): ☐ Yes ☐ No ☐ N/A Sampling Time(s): ☐ Yes ☐ No ☐ N/A	
Samples Arrived within Hold Time.	☐ Yes ☐ No ☐ N/A	Comments:
Rush Turnaround Requested on COC.	☐ Yes ☐ No ☐ N/A	Comments:
Sufficient Volume.	☐ Yes ☐ No ☐ N/A	Comments:
Correct Containers Used.	☐ Yes ☐ No ☐ N/A	Comments:
Containers Intact.	☐ Yes ☐ No ☐ N/A	Comments:
Sample Labels Match COC (Sample ID, Date/Time of Collection).	☐ Yes ☐ No ☐ N/A	Comments:
All containers needing acid / base preservation have been checked.	☐ Yes ☐ No ☐ N/A	Preservation Information Preservative: _____ Date: _____ Lot / Trace: _____ Time: _____ Amount added (mL): _____ Initials: _____
All containers needing preservation are found to be in compliance with EPA recommendation:	☐ Yes ☐ No ☐ N/A	
Exceptions: Vials, Microbiology, O&G, PFAS		
Headspace in Volatile Vials? (>6mm):	☐ Yes ☐ No ☐ N/A	
Trip Blank Present:	☐ Yes ☐ No ☐ N/A	

Comments / Resolutions (use back for additional comments):

All Samples Arrived in 500mL Containers
SCUR Continued

Sample Condition Upon Receipt Form (SCUR)

WO#: 35832464

PM: BTS

Due Date: 10/13/23

CLIENT: PACHAZ

Project #

Project Manager:

Client:

Date and Initials of person:

Examining contents:

Label:

Deliver:

pH:

Initials: JRS

Thermometer Used: T 409

Date: 10-5-23

Time: 16:36

State of Origin:

☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp. °C 22.3 (Visual) 701 (Correction Factor) 22.4 (Actual)

Cooler #2 Temp. °C 23.8 (Visual) (Correction Factor) 23.9 (Actual)

Cooler #3 Temp. °C 24.4 (Visual) (Correction Factor) 24.5 (Actual)

Cooler #4 Temp. °C 22.3 (Visual) (Correction Factor) 22.4 (Actual)

Cooler #5 Temp. °C 25.8 (Visual) (Correction Factor) 25.9 (Actual)

Cooler #6 Temp. °C 21.2 (Visual) (Correction Factor) 21.3 (Actual)

Recheck for OOT °C (Visual) (Correction Factor) (Actual)

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

Time: Initials:

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Shipping Method: ☐ Standard Overnight ☐ First Overnight ☐ Priority Overnight ☒ Ground ☐ International Priority ☐ Other:

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking #

Custody Seal Present: ☐ Yes ☐ No Seal properly placed and intact: ☐ Yes ☐ No

Ice: ☐ Wet ☐ Blue ☒ Dry ☐ None ☐ Melted

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other:

Samples shorted to lab: ☐ Yes ☐ No (If yes, complete the following)

Shorted Date:

Shorted Time:

Bottle Quantity / Type:

Chain of Custody:	Present: ☐ Yes ☐ No Filled Out: ☐ Yes ☐ No ☐ N/A Relinquished From Pace: ☐ Yes ☐ No ☐ N/A Sampler Name: ☐ Yes ☐ No ☐ N/A	
	Relinquished To Pace: ☐ Yes ☐ No ☐ N/A Sampling Date(s): ☐ Yes ☐ No ☐ N/A Sampling Time(s): ☐ Yes ☐ No ☐ N/A	
Samples Arrived within Hold Time.	☐ Yes ☐ No ☐ N/A	Comments:
Rush Turnaround Requested on COC.	☐ Yes ☐ No ☐ N/A	Comments:
Sufficient Volume.	☐ Yes ☐ No ☐ N/A	Comments:
Correct Containers Used.	☐ Yes ☐ No ☐ N/A	Comments:
Containers Intact.	☐ Yes ☐ No ☐ N/A	Comments:
Sample Labels Match COC (Sample ID, Date/Time of Collection).	☐ Yes ☐ No ☐ N/A	Comments:
All containers needing acid / base preservation have been checked.	☐ Yes ☐ No ☐ N/A	Preservation Information Preservative: _____ Date: _____ Lot / Trace: _____ Time: _____ Amount added (mL): _____ Initials: _____
All containers needing preservation are found to be in compliance with EPA recommendation:	☐ Yes ☐ No ☐ N/A	
Exceptions: Vials, Microbiology, O&G, PFAS		
Headspace in Volatile Vials? (>6mm):	☐ Yes ☐ No ☐ N/A	
Trip Blank Present:	☐ Yes ☐ No ☐ N/A	

Comments / Resolutions (use back for additional comments):

Cooler #17 23.4 +0.1 23.5

All Samples arrived in 500mL containers.
Scurr Continued

- 1 **CLIENT:** Client's company name
ADDRESS: Client's mailing address
CITY, STATE, ZIP: Client's city, state and zip code for mailing
CONTACT PERSON: Person to receive results
PROJECT NUMBER: Client's reference to the project or work involved with these samples.
PROJECT LOCATION: Client's location of project
PURCHASE ORDER NUMBER: Client's invoicing information
PHONE NUMBER: Client's contact phone number
E-MAIL: Client's e-mail for correspondence and final report
DATE SHIPPED: Month, date and year samples were shipped or delivered to the lab
SAMPLER: Printed name of sample collector
SAMPLER'S SIGNATURE: Signature of sample collector
REGULATORY PROGRAM: Circle regulatory program if applicable.
STATE WHERE SAMPLES COLLECTED: Enter the state if different from client address
- 2 **SAMPLE DESCRIPTION:** The unique sample description you want to appear on the analytical report
DATE COLLECTED: Date sample was collected. For composite samples, this is typically the date when the last aliquot was added.
TIME COLLECTED: Time sample was collected. For composite samples, this is typically the time when the last aliquot was added.
SAMPLE TYPE: Place a check mark in the box marked "GRAB" if the sample was collected at one time from one specific location. Place a check mark in the box marked "COMP" if the sample is a composite of samples collected at one or more times or locations and combined to make one sample.
MATRIX TYPE: From field above. If "OTHER" please identify
BOTLE COUNT: Total number of containers submitted for the samples
PRESERVATION CODE: Indicate bottle preservative using the codes on the front of the COC for non-PACE bottles, provided by the client.
- 3 **ANALYSIS REQUESTED:** Write the analysis name (or an abbreviation), the name of a group of tests, or the method number you would like us to perform. Examples are BOD, TCLP Metals, PCBs, Method 624, etc. Place a check mark in the small boxes that correspond to the sample(s) on which you want these tests performed.
- REMARKS:** List special instructions about the sample here. This space can also be used for listing additional analyses, or to request an extra copy of the report to be sent to an alternate person/address.

- 4 To be completed by laboratory personnel.
- 5 **TURNAROUND TIME REQUESTED:** Circle "NORMAL" if you want routine 10 working day TAT. If faster results are needed circle "RUSH", indicated the due date requested, and, if possible, call the lab in advance to schedule this work. Surcharges may apply for non-routine turnaround times.
RUSH RESULTS VIA: Choose method by which you would like to receive the RUSH results by circling either "PHONE" or E-MAIL". List the appropriate number/e-mail if different from that listed in section 1.
- 6 Place your initials on the line to give the lab permission to proceed with analysis without calling you regarding a sample nonconformance. If the sample does not meet the Sample Acceptance Policy requirements then the appropriate case narrative and/or data qualifiers will be added to the corresponding analysis and may not be acceptable to use for regulatory purposes. Contact your project manager for further information or to obtain a copy of the Sample Acceptance Policy.
- Summarized Sample Acceptance Policy Requirements:
- Proper, full and completed chain-of-custody documentation
 - Readable unique sample container identification written in indelible ink
 - Appropriate sample container
 - Sufficient sample volume to perform requested tests
 - Received within required holding time
 - Received within temperature preservation requirements
 - Sample containers received in good condition (not leaking or broken)
 - Any custody seal intact
 - Properly preserved, and
 - No headspace in volatile water samples
- A data qualifier and/or case narrative will be added to the final test report when the above sample acceptance requirements are not met.
BOX 6 CANNOT BE USED FOR DRINKING WATER COMPLIANCE SAMPLES.
- 7 **RELINQUISHED BY/RECEIVED BY:** This form must be signed each time the sample(s) changes hands. Chain-of-Custody seals are available upon request if needed.
- 8 To be completed by laboratory personnel.

Sample Acceptance Policy – Receiving facility's specific policy available from your project manager.

SERVING YOU IN THE FOLLOWING LOCATIONS

2231 W Altorfer Dr
 Peoria, IL 61615
 309-692-9688

944 Anglum Road
 Hazelwood, MO 63042
 314-432-0550

1805 W Sunset St.
 Springfield, MO 65807
 417-964-8924

4314-A Crystal Lake Rd
 McHenry, IL 60050
 815-344-4044

Thank you for using Pace Analytical Services, LLC
 Please call 800-752-6651 if you have any questions about completing this form.

January 24, 2024

Brian Lieb
SCI Engineering, Inc.
130 Point West Boulevard
St. Charles, MO 63301
TEL: (314) 956-8240
FAX: (636) 949-8269



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: 2018-0351.2A T200 Blevins

WorkOrder: 24011000

Dear Brian Lieb:

TEKLAB, INC received 10 samples on 1/12/2024 4:30:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Patrick Riley
Project Manager
(618)344-1004 ex 44
patrickriley@teklabinc.com

Client: SCI Engineering, Inc.

Work Order: 24011000

Client Project: 2018-0351.2A T200 Blevins

Report Date: 24-Jan-24

This reporting package includes the following:

Cover Letter	1
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Client: SCI Engineering, Inc.

Work Order: 24011000

Client Project: 2018-0351.2A T200 Blevins

Report Date: 24-Jan-24

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)

Client: SCI Engineering, Inc.

Work Order: 24011000

Client Project: 2018-0351.2A T200 Blevins

Report Date: 24-Jan-24

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: SCI Engineering, Inc.

Work Order: 24011000

Client Project: 2018-0351.2A T200 Blevins

Report Date: 24-Jan-24

Cooler Receipt Temp: N/A °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com

Client: SCI Engineering, Inc.**Work Order:** 24011000**Client Project:** 2018-0351.2A T200 Blevins**Report Date:** 24-Jan-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

<http://www.teklabinc.com/>

Client: SCI Engineering, Inc.

Work Order: 24011000

Client Project: 2018-0351.2A T200 Blevins

Report Date: 24-Jan-24

Matrix: DRINKING WATER

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Lead									
24011000-001A	BVES-15R	NELAP		1.0	33.9	µg/L	5	01/19/2024 15:28	01/12/2024 11:41
24011000-002A	BVES-15(2nd)	NELAP		1.0	1.3	µg/L	1	01/19/2024 12:05	01/12/2024 11:44
24011000-003A	BVES-16R	NELAP		1.0	20.0	µg/L	5	01/19/2024 15:46	01/12/2024 11:50
24011000-004A	BVES-16(2nd)	NELAP		1.0	1.3	µg/L	1	01/23/2024 22:53	01/12/2024 11:52
24011000-005A	BVES-22R	NELAP		1.0	79.8	µg/L	5	01/19/2024 15:33	01/12/2024 12:02
24011000-006A	BVES-22(2nd)	NELAP		1.0	6.3	µg/L	5	01/19/2024 15:37	01/12/2024 12:02
24011000-007A	BVES-23R	NELAP		1.0	42.8	µg/L	5	01/19/2024 15:41	01/12/2024 12:05
24011000-008A	BVES-23(2nd)	NELAP		1.0	23.3	µg/L	5	01/19/2024 16:12	01/12/2024 12:05
24011000-009A	BVES-24R	NELAP		1.0	47.1	µg/L	5	01/19/2024 16:16	01/12/2024 12:07
24011000-010A	BVES-24(2nd)	NELAP		1.0	12.0	µg/L	5	01/19/2024 16:20	01/12/2024 12:07



Receiving Check List

<http://www.teklabinc.com/>

Client: SCI Engineering, Inc.

Work Order: 24011000

Client Project: 2018-0351.2A T200 Blevins

Report Date: 24-Jan-24

Carrier: Employee

Received By: NGR

Completed by:

On:

12-Jan-24

Amber Dilallo

Reviewed by:

On:

15-Jan-24

Ellie Hopkins

Pages to follow:

Chain of custody

1

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C N/A

Type of thermal preservation?

None ☒

Ice ☐

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☒

No ☐

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

Any No responses must be detailed below or on the COC.

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 1/12/2024 4:42:30 PM

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

July 02, 2024

Glenn Grissom
SCI Engineering
130 Point W. Blvd.
St. Charles, MO 63301

RE: 2018-0351.2A - Blevins Elem

Dear Glenn Grissom:

Please find enclosed the analytical results for the **5** sample(s) the laboratory received on **6/25/24 4:00 pm** and logged in under work order **HF04528**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

A handwritten signature in black ink, appearing to read 'Chenise Lambert-Sykes'.

Chenise Lambert-Sykes
Project Manager
(314)432-0550
Chenise.Lambert-Sykes@pacelabs.com

**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

Work Order HF04528

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
NO	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
NO	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided



ANALYTICAL RESULTS

Sample: HF04528-01
Name: BVES-15R2
Matrix: Drinking Water - Grab

Sampled: 06/19/24 21:08
Received: 06/25/24 16:00

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	2.93	ug/L		07/01/24 08:59	1	1.00	07/01/24 14:23	BRS	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HF04528-02
Name: BVES-16R2
Matrix: Drinking Water - Grab

Sampled: 06/19/24 21:10
Received: 06/25/24 16:00

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	2.67	ug/L		07/01/24 08:59	1	1.00	07/01/24 14:25	BRS	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HF04528-03
Name: BVES-22R2
Matrix: Drinking Water - Grab

Sampled: 06/19/24 21:10
Received: 06/25/24 16:00

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	14.7	ug/L		07/01/24 08:59	1	1.00	07/01/24 14:37	BRS	EPA 200.8 REV 5.4
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Sample: HF04528-04
Name: BVES-23R2
Matrix: Drinking Water - Grab

Sampled: 06/19/24 21:11
Received: 06/25/24 16:00

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	6.51	ug/L		07/01/24 08:59	1	1.00	07/01/24 14:38	BRS	EPA 200.8 REV 5.4
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Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

ANALYTICAL RESULTS

Sample: HF04528-05

Name: BVES-24R2

Matrix: Drinking Water - Grab

Sampled: 06/19/24 21:11

Received: 06/25/24 16:00

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<u>Total Metals - PIA</u>									
Lead	14.8	ug/L		07/01/24 08:59	1	1.00	07/01/24 14:40	BRS	EPA 200.8 REV 5.4



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<u>Batch B436968 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B436968-BLK1)				Prepared & Analyzed: 07/01/24					
Lead	< 1.00	ug/L							
LCS (B436968-BS1)				Prepared & Analyzed: 07/01/24					
Lead	52.9	ug/L		50.00		106	85-115		
Matrix Spike (B436968-MS1)				Prepared & Analyzed: 07/01/24					
Lead	57.1	ug/L		50.00	2.08	110	70-130		
Matrix Spike (B436968-MS2)				Prepared & Analyzed: 07/01/24					
Lead	54.4	ug/L		50.00	0.865	107	70-130		
Matrix Spike (B436968-MS3)				Prepared & Analyzed: 07/01/24					
Lead	54.0	ug/L		50.00	0.0540	108	70-130		
Matrix Spike (B436968-MS4)				Prepared & Analyzed: 07/01/24					
Lead	54.9	ug/L		50.00	0.0540	110	70-130		
Matrix Spike (B436968-MS5)				Prepared & Analyzed: 07/01/24					
Lead	60.6	ug/L		50.00	4.42	112	70-130		
Matrix Spike (B436968-MS6)				Prepared & Analyzed: 07/01/24					
Lead	56.7	ug/L		50.00	0.911	112	70-130		
Matrix Spike (B436968-MS7)				Prepared & Analyzed: 07/01/24					
Lead	57.0	ug/L		50.00	0.255	114	70-130		
Matrix Spike (B436968-MS9)				Prepared & Analyzed: 07/01/24					
Lead	85.6	ug/L		50.00	30.3	111	70-130		
Matrix Spike (B436968-MSA)				Prepared & Analyzed: 07/01/24					
Lead	109	ug/L		50.00	53.8	109	70-130		
Matrix Spike (B436968-MSB)				Prepared & Analyzed: 07/01/24					
Lead	56.6	ug/L		50.00	0.769	112	70-130		
Matrix Spike (B436968-MSC)				Prepared & Analyzed: 07/01/24					
Lead	88.6	ug/L		50.00	32.8	112	70-130		
Matrix Spike (B436968-MSD)				Prepared & Analyzed: 07/01/24					
Lead	53.4	ug/L		50.00	0.367	106	70-130		
Matrix Spike Dup (B436968-MSD1)				Prepared & Analyzed: 07/01/24					
Lead	56.7	ug/L		50.00	2.08	109	70-130	0.7	20
Matrix Spike Dup (B436968-MSD2)				Prepared & Analyzed: 07/01/24					
Lead	54.6	ug/L		50.00	0.865	107	70-130	0.4	20
Matrix Spike Dup (B436968-MSD3)				Prepared & Analyzed: 07/01/24					
Lead	54.6	ug/L		50.00	0.0540	109	70-130	1	20
Matrix Spike Dup (B436968-MSD4)				Prepared & Analyzed: 07/01/24					
Lead	54.3	ug/L		50.00	0.0540	108	70-130	1	20
Matrix Spike Dup (B436968-MSD5)				Prepared & Analyzed: 07/01/24					
Lead	60.5	ug/L		50.00	4.42	112	70-130	0.3	20
Matrix Spike Dup (B436968-MSD6)				Prepared & Analyzed: 07/01/24					
Lead	57.8	ug/L		50.00	0.911	114	70-130	2	20
Matrix Spike Dup (B436968-MSD7)				Prepared & Analyzed: 07/01/24					
Lead	56.4	ug/L		50.00	0.255	112	70-130	1	20
Matrix Spike Dup (B436968-MSD9)				Prepared & Analyzed: 07/01/24					
Lead	86.8	ug/L		50.00	30.3	113	70-130	1	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B436968-MSDA)	Sample: HF04545-02			Prepared & Analyzed: 07/01/24					
Lead	107	ug/L		50.00	53.8	107	70-130	1	20
Matrix Spike Dup (B436968-MSDB)	Sample: HF04547-06			Prepared & Analyzed: 07/01/24					
Lead	56.8	ug/L		50.00	0.769	112	70-130	0.4	20
Matrix Spike Dup (B436968-MSDC)	Sample: HF04548-08			Prepared & Analyzed: 07/01/24					
Lead	90.1	ug/L		50.00	32.8	115	70-130	2	20
Matrix Spike Dup (B436968-MSDD)	Sample: HF04538-02			Prepared & Analyzed: 07/01/24					
Lead	54.7	ug/L		50.00	0.367	109	70-130	2	20
Matrix Spike Dup (B436968-MSDE)	Sample: HF04528-02			Prepared & Analyzed: 07/01/24					
Lead	54.9	ug/L		50.00	2.67	104	70-130	3	20
Matrix Spike Dup (B436968-MSDF)	Sample: HF04540-01			Prepared & Analyzed: 07/01/24					
Lead	62.8	ug/L		50.00	7.00	112	70-130	0.3	20
Matrix Spike (B436968-MSE)	Sample: HF04528-02			Prepared & Analyzed: 07/01/24					
Lead	56.5	ug/L		50.00	2.67	108	70-130		
Matrix Spike (B436968-MSF)	Sample: HF04540-01			Prepared & Analyzed: 07/01/24					
Lead	63.0	ug/L		50.00	7.00	112	70-130		



NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Certified by: Chenise Lambert-Sykes, Project Manager



1 **CLIENT:** Client's company name
ADDRESS: Client's mailing address
CITY, STATE, ZIP: Client's city, state and zip code for mailing
CONTACT PERSON: Person to receive results
PROJECT NUMBER: Client's reference to the project or work involved with these samples.
PROJECT LOCATION: Client's location of project
PURCHASE ORDER NUMBER: Client's invoicing information
PHONE NUMBER: Client's contact phone number
E-MAIL: Client's e-mail for correspondence and final report
DATE SHIPPED: Month, date and year samples were shipped or delivered to the lab
SAMPLER: Printed name of sample collector
SAMPLER'S SIGNATURE: Signature of sample collector
REGULATORY PROGRAM: Circle regulatory program if applicable.
STATE WHERE SAMPLES COLLECTED: Enter the state if different from client address

2 **SAMPLE DESCRIPTION:** The unique sample description you want to appear on the analytical report
DATE COLLECTED: Date sample was collected. For composite samples, this is typically the date when the last aliquot was added.
TIME COLLECTED: Time sample was collected. For composite samples, this is typically the time when the last aliquot was added.
SAMPLE TYPE: Place a check mark in the box marked "GRAB" if the sample was collected at one time from one specific location. Place a check mark in the box marked "COMP" if the sample is a composite of samples collected at one or more times or locations and combined to make one sample.
MATRIX TYPE: From field above. If "OTHER" please identify
BOTLE COUNT: Total number of containers submitted for the samples
PRESERVATION CODE: Indicate bottle preservative using the codes on the front of the COC for non-PACE bottles, provided by the client.

3 **ANALYSIS REQUESTED:** Write the analysis name (or an abbreviation), the name of a group of tests, or the method number you would like us to perform. Examples are BOD, TCLP Metals, PCBs, Method 624, etc. Place a check mark in the small boxes that correspond to the sample(s) on which you want these tests performed.
REMARKS: List special instructions about the sample here. This space can also be used for listing additional analyses, or to request an extra copy of the report to be sent to an alternate person/address.

4 To be completed by laboratory personnel.

5 **TURNAROUND TIME REQUESTED:** Circle "NORMAL" if you want routine 10 working day TAT. If faster results are needed circle "RUSH", indicated the due date requested, and, if possible, call the lab in advance to schedule this work. Surcharges may apply for non-routine turnaround times.
RUSH RESULTS VIA: Choose method by which you would like to receive the RUSH results by circling either "PHONE" or E-MAIL". List the appropriate number/e-mail if different from that listed in section 1.

6 Place your initials on the line to give the lab permission to proceed with analysis without calling you regarding a sample nonconformance. If the sample does not meet the Sample Acceptance Policy requirements then the appropriate case narrative and/or data qualifiers will be added to the corresponding analysis and may not be acceptable to use for regulatory purposes. Contact your project manager for further information or to obtain a copy of the Sample Acceptance Policy.

Summarized Sample Acceptance Policy Requirements:

- Proper, full and completed chain-of-custody documentation
- Readable unique sample container identification written in indelible ink
- Appropriate sample container
- Sufficient sample volume to perform requested tests
- Received within required holding time
- Received within temperature preservation requirements
- Sample containers received in good condition (not leaking or broken)
- Any custody seal intact
- Properly preserved, and
- No headspace in volatile water samples

A data qualifier and/or case narrative will be added to the final test report when the above sample acceptance requirements are not met.

BOX 6 CANNOT BE USED FOR DRINKING WATER COMPLIANCE SAMPLES.

7 **RELINQUISHED BY/RECEIVED BY:** This form must be signed each time the sample(s) changes hands. Chain-of-Custody seals are available upon request if needed.

8 To be completed by laboratory personnel.

Sample Acceptance Policy – Receiving facility's specific policy available from your project manager.

SERVING YOU IN THE FOLLOWING LOCATIONS

2231 W Altorfer Dr
Peoria, IL 61615
309-692-9688

944 Anglum Road
Hazelwood, MO 63042
314-432-0550

1805 W Sunset St.
Springfield, MO 65807
417-964-8924

4314-A Crystal Lake Rd
McHenry, IL 60050
815-344-4044

Thank you for using Pace Analytical Services, LLC
Please call 800-752-6651 if you have any questions about completing this form.



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

December 12, 2024

Brian Lieb
SCI Engineering
130 Point W. Blvd.
St. Charles, MO 63301

RE: 2018-0351.2A-T200-BLEVINS ES

Dear Brian Lieb:

Please find enclosed the analytical results for the **3** sample(s) the laboratory received on **12/3/24 4:50 pm** and logged in under work order **HL01096**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

A handwritten signature in black ink, appearing to read 'Chenise Lambert-Sykes'.

Chenise Lambert-Sykes
Project Manager
(314)432-0550
Chenise.Lambert-Sykes@pacelabs.com



SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order HL01096

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
YES	Zero headspace, <6 mm present in VOA vials
YES	Trip blank(s) received
YES	All non-field analyses received within holding times
YES	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided



ANALYTICAL RESULTS

Sample: HL01096-01
Name: BVES-22R4
Matrix: Drinking Water - Grab

Sampled: 11/27/24 18:26
Received: 12/03/24 16:50

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	35.0	ug/L		12/11/24 10:05	1	1.00	12/11/24 12:44	BRS	EPA 200.8 REV 5.4
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Sample: HL01096-02
Name: BVES-23R4
Matrix: Drinking Water - Grab

Sampled: 11/27/24 18:27
Received: 12/03/24 16:50

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	14.4	ug/L		12/11/24 10:05	1	1.00	12/11/24 12:45	BRS	EPA 200.8 REV 5.4
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Sample: HL01096-03
Name: BVES-24R4
Matrix: Drinking Water - Grab

Sampled: 11/27/24 18:28
Received: 12/03/24 16:50

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	21.8	ug/L		12/11/24 10:05	1	1.00	12/11/24 12:47	BRS	EPA 200.8 REV 5.4
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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<u>Batch B450611 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B450611-BLK1)				Prepared & Analyzed: 12/11/24					
Lead	< 1.00	ug/L							
LCS (B450611-BS1)				Prepared & Analyzed: 12/11/24					
Lead	52.9	ug/L		50.00		106	85-115		
Matrix Spike (B450611-MS1)				Prepared & Analyzed: 12/11/24					
Lead	57.8	ug/L		50.00	0.341	115	70-130		
Matrix Spike (B450611-MS2)				Prepared & Analyzed: 12/11/24					
Lead	57.0	ug/L		50.00	3.02	108	70-130		
Matrix Spike (B450611-MS3)				Prepared & Analyzed: 12/11/24					
Lead	58.3	ug/L		50.00	6.95	103	70-130		
Matrix Spike (B450611-MS4)				Prepared & Analyzed: 12/11/24					
Lead	63.7	ug/L		50.00	12.0	103	70-130		
Matrix Spike (B450611-MS5)				Prepared & Analyzed: 12/11/24					
Lead	51.8	ug/L		50.00	0.753	102	70-130		
Matrix Spike (B450611-MS6)				Prepared & Analyzed: 12/11/24					
Lead	75.3	ug/L		50.00	21.6	107	70-130		
Matrix Spike (B450611-MS7)				Prepared & Analyzed: 12/11/24					
Lead	101	ug/L		50.00	45.8	111	70-130		
Matrix Spike (B450611-MS8)				Prepared & Analyzed: 12/11/24					
Lead	72.0	ug/L		50.00	18.1	108	70-130		
Matrix Spike (B450611-MS9)				Prepared & Analyzed: 12/11/24					
Lead	56.6	ug/L		50.00	3.75	106	70-130		
Matrix Spike (B450611-MSA)				Prepared & Analyzed: 12/11/24					
Lead	54.8	ug/L		50.00	1.80	106	70-130		
Matrix Spike (B450611-MSB)				Prepared & Analyzed: 12/11/24					
Lead	53.4	ug/L		50.00	2.56	102	70-130		
Matrix Spike (B450611-MSC)				Prepared & Analyzed: 12/11/24					
Lead	64.3	ug/L		50.00	8.30	112	70-130		
Matrix Spike (B450611-MSD)				Prepared & Analyzed: 12/11/24					
Lead	58.6	ug/L		50.00	0.0280	117	70-130		
Matrix Spike Dup (B450611-MSD1)				Prepared & Analyzed: 12/11/24					
Lead	55.4	ug/L		50.00	0.341	110	70-130	4	20
Matrix Spike Dup (B450611-MSD2)				Prepared & Analyzed: 12/11/24					
Lead	57.0	ug/L		50.00	3.02	108	70-130	0.02	20
Matrix Spike Dup (B450611-MSD3)				Prepared & Analyzed: 12/11/24					
Lead	59.3	ug/L		50.00	6.95	105	70-130	2	20
Matrix Spike Dup (B450611-MSD4)				Prepared & Analyzed: 12/11/24					
Lead	64.4	ug/L		50.00	12.0	105	70-130	1	20
Matrix Spike Dup (B450611-MSD5)				Prepared & Analyzed: 12/11/24					
Lead	53.5	ug/L		50.00	0.753	105	70-130	3	20
Matrix Spike Dup (B450611-MSD6)				Prepared & Analyzed: 12/11/24					
Lead	75.4	ug/L		50.00	21.6	108	70-130	0.08	20
Matrix Spike Dup (B450611-MSD7)				Prepared & Analyzed: 12/11/24					
Lead	96.6	ug/L		50.00	45.8	102	70-130	5	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B450611-MSD8)	Sample: HL01131-04			Prepared & Analyzed: 12/11/24					
Lead	70.6	ug/L		50.00	18.1	105	70-130	2	20
Matrix Spike Dup (B450611-MSD9)	Sample: HL01134-02			Prepared & Analyzed: 12/11/24					
Lead	56.2	ug/L		50.00	3.75	105	70-130	0.7	20
Matrix Spike Dup (B450611-MSDA)	Sample: HL00670-02			Prepared & Analyzed: 12/11/24					
Lead	54.3	ug/L		50.00	1.80	105	70-130	0.9	20
Matrix Spike Dup (B450611-MSDB)	Sample: HL01147-03			Prepared & Analyzed: 12/11/24					
Lead	53.2	ug/L		50.00	2.56	101	70-130	0.3	20
Matrix Spike Dup (B450611-MSDC)	Sample: HL00107-07			Prepared & Analyzed: 12/11/24					
Lead	63.4	ug/L		50.00	8.30	110	70-130	1	20
Matrix Spike Dup (B450611-MSDD)	Sample: HL00109-02			Prepared & Analyzed: 12/11/24					
Lead	63.4	ug/L		50.00	0.0280	127	70-130	8	20
Matrix Spike Dup (B450611-MSDE)	Sample: HL00170-08			Prepared & Analyzed: 12/11/24					
Lead	58.0	ug/L		50.00	2.53	111	70-130	0.6	20
Matrix Spike Dup (B450611-MSDF)	Sample: HL00170-18			Prepared & Analyzed: 12/11/24					
Lead	55.6	ug/L		50.00	0.787	110	70-130	1	20
Matrix Spike Dup (B450611-MSDG)	Sample: HL00183-02			Prepared & Analyzed: 12/11/24					
Lead	51.0	ug/L		50.00	ND	102	70-130	2	20
Matrix Spike Dup (B450611-MSDH)	Sample: HL00174-08			Prepared & Analyzed: 12/11/24					
Lead	54.5	ug/L		50.00	0.656	108	70-130	0.7	20
Matrix Spike Dup (B450611-MSDI)	Sample: HL00169-08			Prepared & Analyzed: 12/11/24					
Lead	59.0	ug/L		50.00	1.02	116	70-130	2	20
Matrix Spike Dup (B450611-MSDJ)	Sample: HL00169-18			Prepared & Analyzed: 12/11/24					
Lead	58.1	ug/L		50.00	0.499	115	70-130	1	20
Matrix Spike Dup (B450611-MSDK)	Sample: HL00302-06			Prepared & Analyzed: 12/11/24					
Lead	57.0	ug/L		50.00	0.0520	114	70-130	0.9	20
Matrix Spike (B450611-MSE)	Sample: HL00170-08			Prepared & Analyzed: 12/11/24					
Lead	57.7	ug/L		50.00	2.53	110	70-130		
Matrix Spike (B450611-MSF)	Sample: HL00170-18			Prepared & Analyzed: 12/11/24					
Lead	56.1	ug/L		50.00	0.787	111	70-130		
Matrix Spike (B450611-MSG)	Sample: HL00183-02			Prepared & Analyzed: 12/11/24					
Lead	50.0	ug/L		50.00	ND	100	70-130		
Matrix Spike (B450611-MSH)	Sample: HL00174-08			Prepared & Analyzed: 12/11/24					
Lead	54.2	ug/L		50.00	0.656	107	70-130		
Matrix Spike (B450611-MSI)	Sample: HL00169-08			Prepared & Analyzed: 12/11/24					
Lead	57.7	ug/L		50.00	1.02	113	70-130		
Matrix Spike (B450611-MSJ)	Sample: HL00169-18			Prepared & Analyzed: 12/11/24					
Lead	58.7	ug/L		50.00	0.499	116	70-130		
Matrix Spike (B450611-MSK)	Sample: HL00302-06			Prepared & Analyzed: 12/11/24					
Lead	57.5	ug/L		50.00	0.0520	115	70-130		



NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Certified by: Chenise Lambert-Sykes, Project Manager



ENV-FRM-PEOR-0098 v02_Sample Condition Upon Receipt



Client Name: SCI Engineering

Work Order #: _____

Completed by Initials/Date: CRB 12-3-24 1650

Sample Intake Notes:

Custody Seal Present on Package(s)	Yes ☒ No ☐	
If yes, was seal intact	Yes ☐ No ☐	
Samples received within temperature compliance	Yes ☐ No ☒ N/A	
Was Project Manager contacted if samples were received out of temperature compliance	Yes ☐ No ☐	
Chain of Custody Present	☒ Yes ☐ No	
Current PACE CoC Submitted	☒ Yes ☐ No	
Rush Turn Around Time Requested	Yes ☐ No ☒	
CoC is Legible	☒ Yes ☐ No	
Sampler Name Present	☒ Yes ☐ No	
Sampler Signature Present	☒ Yes ☐ No	
USDA Regulated Soil	Yes ☐ No ☒ N/A	
Country of Origin	Yes ☐ No ☐	
State of Origin		
Unique Sample ID's Present on CoC (If not, Note Container ID's & Contact Project Manager)	☒ Yes ☐ No	
Container(s) Received Intact (If not, Note & Contact Project Manager)	☒ Yes ☐ No	
Containers Received Labeled	☒ Yes ☐ No	
Container Labels are Legible	☒ Yes ☐ No	
Sample Collection Date Present on CoC	☒ Yes ☐ No	
Sample Collection Time Present on CoC	☒ Yes ☐ No	
CoC Relinquished by Client	☒ Yes ☐ No	
CoC and Sample Container Labels Match <u>CRB</u>	☒ Yes ☐ No	<u>VE-9R2 → 9R3</u>
Appropriate Bottles	☒ Yes ☐ No	
Sufficient Sample Volume	☒ Yes ☐ No	
Zero Headspace (<6 mm or no bubbles) present in VOA vials (If headspace is present, note sample ID and # of vials)	Yes ☐ No ☒ N/A	
Trip Blank(s) Received	Yes ☐ No ☒ N/A	
If present, are they Listed on CoC	Yes ☐ No ☐	
All (Non-Field) Analysis Received Within Hold Times	Yes ☐ No ☐	
Short Hold Time Analysis Requested (48 Hours or Less)	Yes ☐ No ☐	
Case Narrative Needed	Yes ☐ No ☐	

Client Notification/Resolution:

If checked, please see attached form for additional comments ☐

Person Contacted: _____

Date/Time: _____

Comments/Resolution: _____

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

July 24, 2025

Glenn Grissom
SCI Engineering
130 Point W. Blvd.
St. Chariles, MO 63301

RE: 2018-0351-2A Task 200 - BVES

Dear Glenn Grissom:

Please find enclosed the analytical results for the **3** sample(s) the laboratory received on **7/10/25 4:30 pm** and logged in under work order **IG02332**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise . We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

A handwritten signature in black ink, appearing to read 'Chenise Lambert-Sykes'.

Chenise Lambert-Sykes
Project Manager
(314)432-0550
Chenise.Lambert-Sykes@pacelabs.com



ANALYTICAL RESULTS

Sample: IG02332-01
Name: BVES-22R4
Matrix: Drinking Water - Grab

Sampled: 07/07/25 20:35
Received: 07/10/25 16:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	4.26	ug/L		07/22/25 06:52	1	1.00	07/22/25 10:08	BRS	EPA 200.8 REV 5.4
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Sample: IG02332-02
Name: BVES-23R4
Matrix: Drinking Water - Grab

Sampled: 07/07/25 20:35
Received: 07/10/25 16:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	4.61	ug/L		07/22/25 06:52	1	1.00	07/22/25 10:09	BRS	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: IG02332-03
Name: BVES-24R4
Matrix: Drinking Water - Grab

Sampled: 07/07/25 20:36
Received: 07/10/25 16:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Lead	3.03	ug/L		07/22/25 06:52	1	1.00	07/22/25 10:13	BRS	EPA 200.8 REV 5.4
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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<u>Batch B538313 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B538313-BLK1)				Prepared & Analyzed: 07/22/25					
Lead	< 1.00	ug/L							
LCS (B538313-BS1)				Prepared & Analyzed: 07/22/25					
Lead	52.8	ug/L		50.00		106	85-115		
Matrix Spike (B538313-MS1)				Prepared & Analyzed: 07/22/25					
Lead	59.9	ug/L		50.00	2.37	115	70-130		
Matrix Spike (B538313-MS2)				Prepared & Analyzed: 07/22/25					
Lead	55.6	ug/L		50.00	0.618	110	70-130		
Matrix Spike (B538313-MS3)				Prepared & Analyzed: 07/22/25					
Lead	52.4	ug/L		50.00	0.0260	105	70-130		
Matrix Spike (B538313-MS4)				Prepared & Analyzed: 07/22/25					
Lead	52.8	ug/L		50.00	1.51	103	70-130		
Matrix Spike (B538313-MS5)				Prepared & Analyzed: 07/22/25					
Lead	51.4	ug/L		50.00	0.146	103	70-130		
Matrix Spike (B538313-MS6)				Prepared & Analyzed: 07/22/25					
Lead	50.4	ug/L		50.00	0.613	100	70-130		
Matrix Spike (B538313-MS7)				Prepared & Analyzed: 07/22/25					
Lead	53.9	ug/L		50.00	3.03	102	70-130		
Matrix Spike (B538313-MS8)				Prepared & Analyzed: 07/22/25					
Lead	59.9	ug/L		50.00	8.98	102	70-130		
Matrix Spike (B538313-MS9)				Prepared & Analyzed: 07/22/25					
Lead	58.7	ug/L		50.00	6.18	105	70-130		
Matrix Spike (B538313-MSA)				Prepared & Analyzed: 07/22/25					
Lead	49.9	ug/L		50.00	ND	100	70-130		
Matrix Spike (B538313-MSB)				Prepared & Analyzed: 07/22/25					
Lead	53.5	ug/L		50.00	ND	107	70-130		
Matrix Spike (B538313-MSC)				Prepared & Analyzed: 07/22/25					
Lead	55.2	ug/L		50.00	0.455	109	70-130		
Matrix Spike (B538313-MSD)				Prepared & Analyzed: 07/22/25					
Lead	51.1	ug/L		50.00	0.538	101	70-130		
Matrix Spike Dup (B538313-MSD1)				Prepared & Analyzed: 07/22/25					
Lead	56.9	ug/L		50.00	2.37	109	70-130	5	20
Matrix Spike Dup (B538313-MSD2)				Prepared & Analyzed: 07/22/25					
Lead	54.0	ug/L		50.00	0.618	107	70-130	3	20
Matrix Spike Dup (B538313-MSD3)				Prepared & Analyzed: 07/22/25					
Lead	53.3	ug/L		50.00	0.0260	107	70-130	2	20
Matrix Spike Dup (B538313-MSD4)				Prepared & Analyzed: 07/22/25					
Lead	52.3	ug/L		50.00	1.51	102	70-130	1	20
Matrix Spike Dup (B538313-MSD5)				Prepared & Analyzed: 07/22/25					
Lead	52.1	ug/L		50.00	0.146	104	70-130	1	20
Matrix Spike Dup (B538313-MSD6)				Prepared & Analyzed: 07/22/25					
Lead	48.2	ug/L		50.00	0.613	95	70-130	5	20
Matrix Spike Dup (B538313-MSD7)				Prepared & Analyzed: 07/22/25					
Lead	53.1	ug/L		50.00	3.03	100	70-130	2	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B538313-MSD8)	Sample: IG02336-01			Prepared & Analyzed: 07/22/25					
Lead	60.7	ug/L		50.00	8.98	103	70-130	1	20
Matrix Spike Dup (B538313-MSD9)	Sample: IG02343-02			Prepared & Analyzed: 07/22/25					
Lead	58.0	ug/L		50.00	6.18	104	70-130	1	20
Matrix Spike Dup (B538313-MSDA)	Sample: IG03532-06			Prepared & Analyzed: 07/22/25					
Lead	50.8	ug/L		50.00	ND	102	70-130	2	20
Matrix Spike Dup (B538313-MSDB)	Sample: IG02229-01			Prepared & Analyzed: 07/22/25					
Lead	54.5	ug/L		50.00	ND	109	70-130	2	20
Matrix Spike Dup (B538313-MSDC)	Sample: IG02443-02			Prepared & Analyzed: 07/22/25					
Lead	55.6	ug/L		50.00	0.455	110	70-130	0.8	20
Matrix Spike Dup (B538313-MSDD)	Sample: IG03235-01			Prepared & Analyzed: 07/22/25					
Lead	52.2	ug/L		50.00	0.538	103	70-130	2	20
Matrix Spike Dup (B538313-MSDE)	Sample: IG03242-01			Prepared & Analyzed: 07/22/25					
Lead	59.8	ug/L		50.00	7.06	106	70-130	0.02	20
Matrix Spike Dup (B538313-MSDF)	Sample: IG03527-06			Prepared & Analyzed: 07/22/25					
Lead	51.5	ug/L		50.00	0.778	102	70-130	1	20
Matrix Spike Dup (B538313-MSDG)	Sample: IG03535-01			Prepared & Analyzed: 07/22/25					
Lead	50.5	ug/L		50.00	0.163	101	70-130	0.3	20
Matrix Spike Dup (B538313-MSDH)	Sample: IG03513-09			Prepared & Analyzed: 07/22/25					
Lead	51.6	ug/L		50.00	0.561	102	70-130	2	20
Matrix Spike Dup (B538313-MSDI)	Sample: IG03513-19			Prepared & Analyzed: 07/22/25					
Lead	51.8	ug/L		50.00	0.0390	103	70-130	2	20
Matrix Spike Dup (B538313-MSDJ)	Sample: IG03523-01			Prepared & Analyzed: 07/22/25					
Lead	51.5	ug/L		50.00	0.0840	103	70-130	2	20
Matrix Spike Dup (B538313-MSDK)	Sample: IG03517-06			Prepared & Analyzed: 07/22/25					
Lead	51.6	ug/L		50.00	0.0910	103	70-130	1	20
Matrix Spike Dup (B538313-MSDL)	Sample: IG03530-06			Prepared & Analyzed: 07/22/25					
Lead	51.9	ug/L		50.00	0.862	102	70-130	0.3	20
Matrix Spike Dup (B538313-MSDM)	Sample: IG02935-01			Prepared & Analyzed: 07/22/25					
Lead	257	ug/L		50.00	204	106	70-130	1	20
Matrix Spike (B538313-MSE)	Sample: IG03242-01			Prepared & Analyzed: 07/22/25					
Lead	59.8	ug/L		50.00	7.06	106	70-130		
Matrix Spike (B538313-MSF)	Sample: IG03527-06			Prepared & Analyzed: 07/22/25					
Lead	50.8	ug/L		50.00	0.778	100	70-130		
Matrix Spike (B538313-MSG)	Sample: IG03535-01			Prepared & Analyzed: 07/22/25					
Lead	50.3	ug/L		50.00	0.163	100	70-130		
Matrix Spike (B538313-MSH)	Sample: IG03513-09			Prepared & Analyzed: 07/22/25					
Lead	52.5	ug/L		50.00	0.561	104	70-130		
Matrix Spike (B538313-MSI)	Sample: IG03513-19			Prepared & Analyzed: 07/22/25					
Lead	50.7	ug/L		50.00	0.0390	101	70-130		
Matrix Spike (B538313-MSJ)	Sample: IG03523-01			Prepared & Analyzed: 07/22/25					
Lead	50.2	ug/L		50.00	0.0840	100	70-130		
Matrix Spike (B538313-MSK)	Sample: IG03517-06			Prepared & Analyzed: 07/22/25					
Lead	50.9	ug/L		50.00	0.0910	102	70-130		
Matrix Spike (B538313-MSL)	Sample: IG03530-06			Prepared & Analyzed: 07/22/25					
Lead	52.1	ug/L		50.00	0.862	103	70-130		



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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (B538313-MSM)		Sample: IG02935-01		Prepared & Analyzed: 07/22/25					
Lead	254	ug/L		50.00	204	98	70-130		



NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050



Certified by: Station For Chenise Lambert-Sykes, Project Manager

