SCI ENGINEERING, INC.
EARTH • SCIENCE • SOLUTIONS
GEOTECHNICAL
ENVIRONMENTAL
NATURAL RESOURCES
CULTURAL RESOURCES
CONSTRUCTION SERVICES

April 2, 2024

Michael Gegg
Mehlville School District
3120 Lemay Ferry Road
St. Louis, Missouri 63125

RE: Lead in Drinking Water Report
Bierbaum Elementary School
2050 Union Road
St. Louis, Missouri
SCI No. 2016-0860.2T

Dear Michael Gegg:

INTRODUCTION

SCI Engineering, Inc. (SCI) is pleased to submit this report summarizing lead in drinking water sampling activities performed on December 28, 2023. 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.

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 sampling 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 sampling these fixtures. Potable water sources that were not sampled will need a sign placed near each fixture informing students and faculty it is not to be used as a drinking water source.

During the course of performing the drinking water sampling of the structure, SCI was unable to sample seven fixtures because they were out of order. These fixtures included the water fountains in the first-floor hallway near the boy's restroom, in the classroom next to the first-floor staff lounge, in Room 108 (Art Room), in Room 211, in Room 212, and in Room 210. Additionally, the ice machine in the second-floor staff lounge was not operational. 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.

SCI collected 51 drinking water samples (BBES-1 through BBES-51) from various water fixtures located throughout the structure and submitted them for analytical testing. The 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 lab using standard chain-of-custody procedures. Figures depicting the locations of the sampled water fixtures are enclosed.

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 exceeded the AL are identified in Table 1, below. 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	Result (ppb)
BBES-2	Kitchen	Handwash Sink	13.9
BBES-4	Kitchen	Sink	10.0
BBES-8	Room 106C	Sink	9.47
BBES-15	Room 212	Sink Faucet	12.3
BBES-18	Room 209	Water Fountain	5.08
BBES-19	Room 207	Sink	17.3
BBES-28	Room 221	Sink	14.4
BBES-29	Room 223	Sink	25.8
BBES-30	Room 225	Sink	6.57
BBES-33	Room 224	Sink	21.3
BBES-34	Room 222	Sink	11.9
BBES-35	Room 220	Sink	33.6
BBES-39	Room 305	Sink	5.17
BBES-48	Room 308	Water Fountain	8.45
BBES-49	Room 306	Water Fountain	161.0
BBES-51	Room 302	Water Fountain	18.0

CONCLUSION AND RECOMMENDATIONS

As can be seen in Table 1, above, 16 drinking water samples exceeded the AL. SCI recommends any fixture which exceeds the AL be taken out of service until remediated and follow up testing indicates results less than the AL. Alternatively, if a water fixture is determined not to be a potable drinking water source, signage may be installed indicating the purpose and/or restrictions of the fixture.

According to GTLOSDWA, any water fixtures which exceed the AL shall be remediated prior to August 1, 2024, or the first day on which students will be present in the building, whichever is later. Any replacement fixture shall be lead free, as defined in 40 CFR 143.12.

REPORTING

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.

FUTURE TESTING

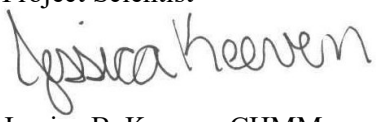
After the fixtures identified in Table 1, above, have been remediated, at least 25 percent of the remediated fixtures must be sampled annually until all remediated sources have been tested. However, SCI recommends all fixtures be tested once they have been remediated. Once all fixtures have been tested and are below the action level, the school shall test the potable drinking water fixtures once every five years.

SCI appreciates the opportunity to be of service to you on this project, and we look forward to working with you in the future. Please contact us if you have any questions or comments regarding the information provided.

Respectfully,

SCI ENGINEERING, INC.

Brian L. Lieb
Project Scientist



Jessica B. Keeven, CHMM
Senior Scientist

BLL/GAG/rah

Enclosure
Lead Drinking Water Sampling Plan
Lead Testing Results

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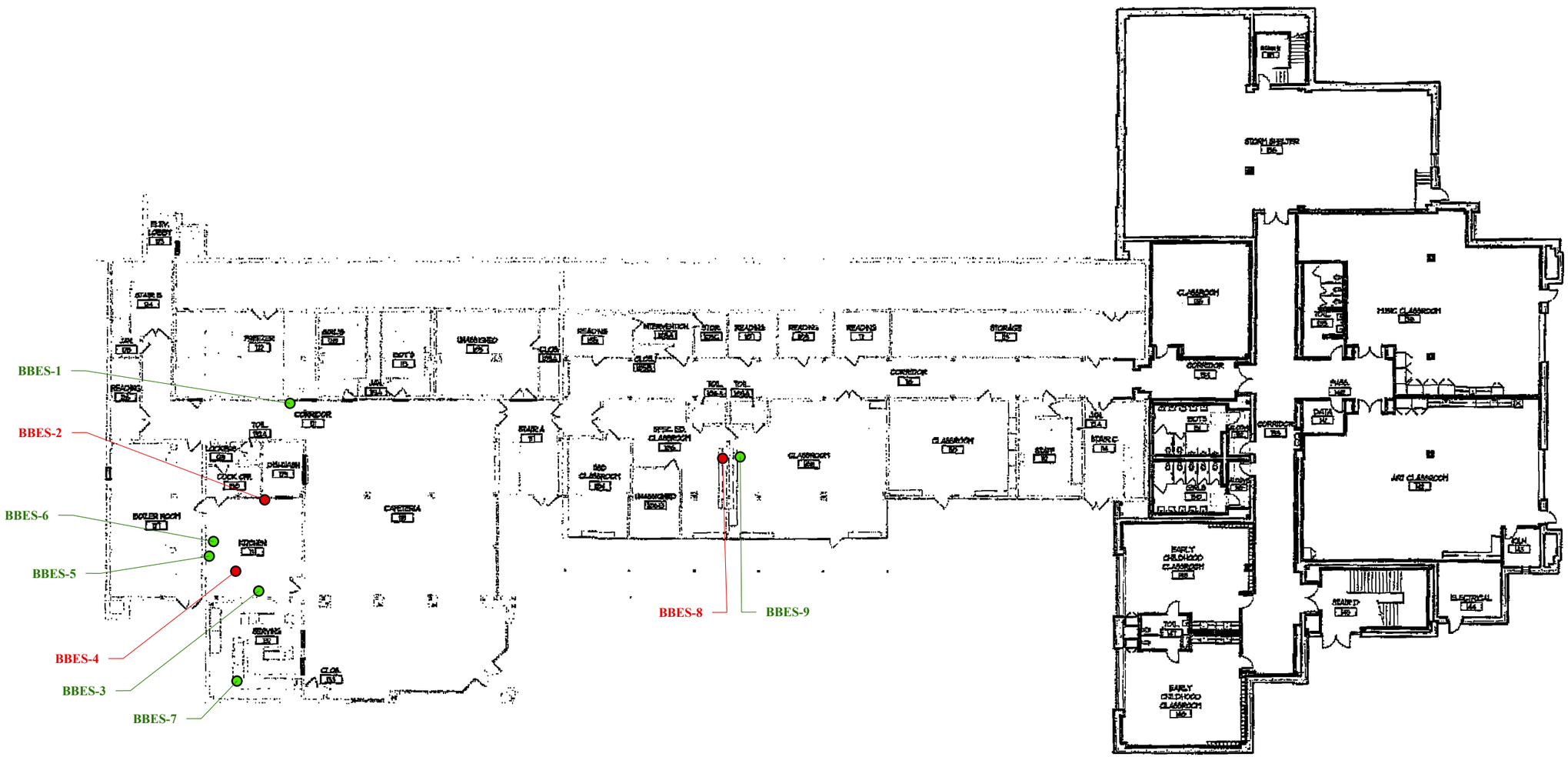

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SCALE 1"=30'

GENERAL NOTES/LEGEND

- RESULTS GREATER THAN THE ACTION LEVEL OF 5 PARTS PER BILLION
- RESULTS LESS THAN THE ACTION LEVEL OF 5 PARTS PER BILLION

FLOOR PLANS PROVIDED BY MEHLVILLE SCHOOL DISTRICT.
DIMENSIONS AND LOCATIONS ARE APPROXIMATE; ACTUAL MAY VARY. DRAWING SHALL NOT BE USED OUTSIDE THE CONTEXT OF THE REPORT FOR WHICH IT WAS GENERATED.

PROJECT NAME
MEHLVILLE SCHOOL DISTRICT
BIERBAUM ELEMENTARY SCHOOL - 1ST FLOOR
ST. LOUIS, MISSOURI

LEAD DRINKING WATER SAMPLING PLAN

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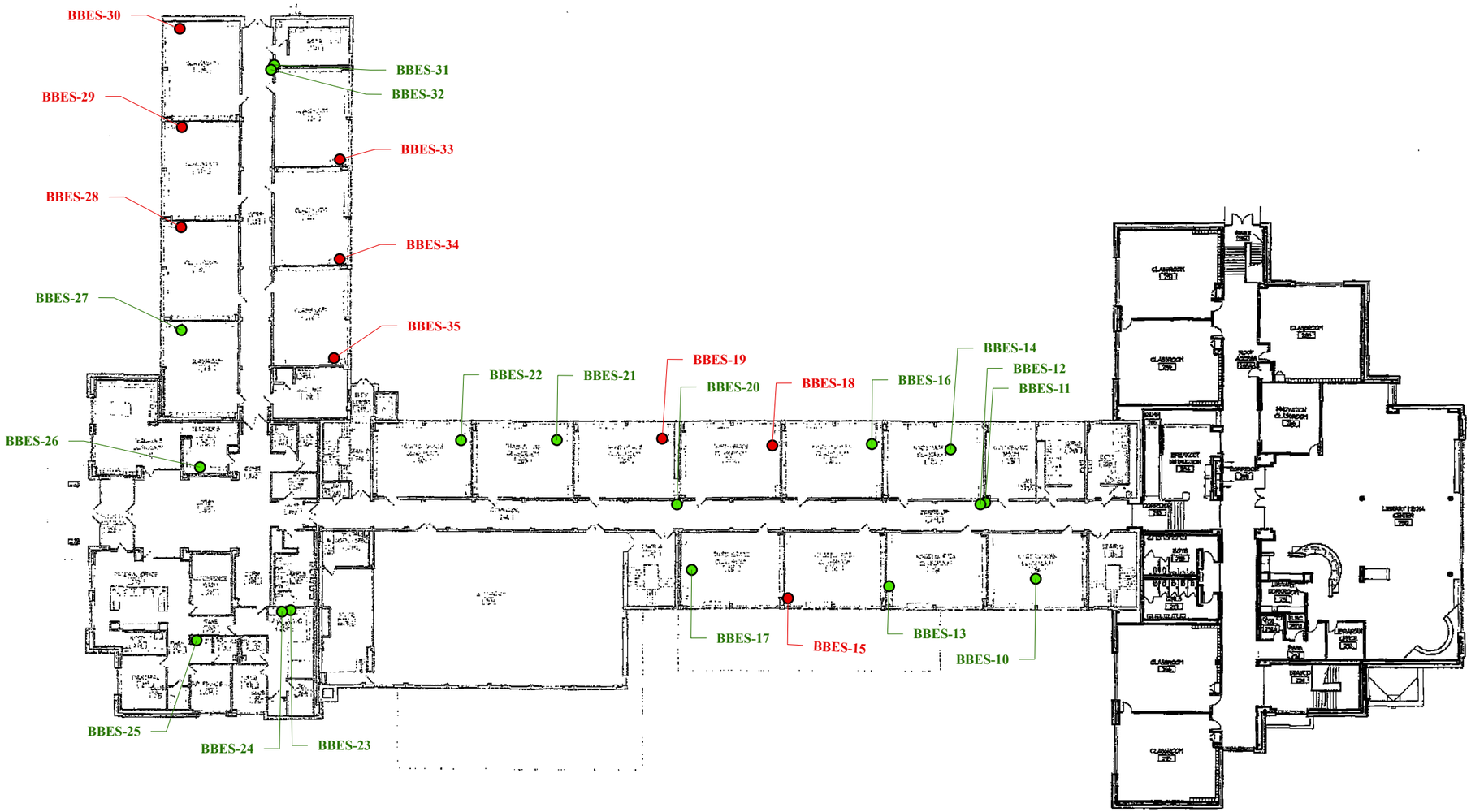
JOB NUMBER 2016-0860.2T
FIGURE DATE 02/21/2024
DRAWN BY JTM
CHECKED BY BLL
FIGURE 1



GENERAL NOTES/LEGEND

- RESULTS GREATER THAN THE ACTION LEVEL OF 5 PARTS PER BILLION
- RESULTS LESS THAN THE ACTION LEVEL OF 5 PARTS PER BILLION

FLOOR PLANS PROVIDED BY MEHLVILLE SCHOOL DISTRICT.
DIMENSIONS AND LOCATIONS ARE APPROXIMATE; ACTUAL MAY VARY. DRAWING SHALL NOT BE USED OUTSIDE THE CONTEXT OF THE REPORT FOR WHICH IT WAS GENERATED.

PROJECT NAME
MEHLVILLE SCHOOL DISTRICT
BIERBAUM ELEMENTARY SCHOOL - 2ND FLOOR
ST. LOUIS, MISSOURI

LEAD DRINKING WATER SAMPLING PLAN

N
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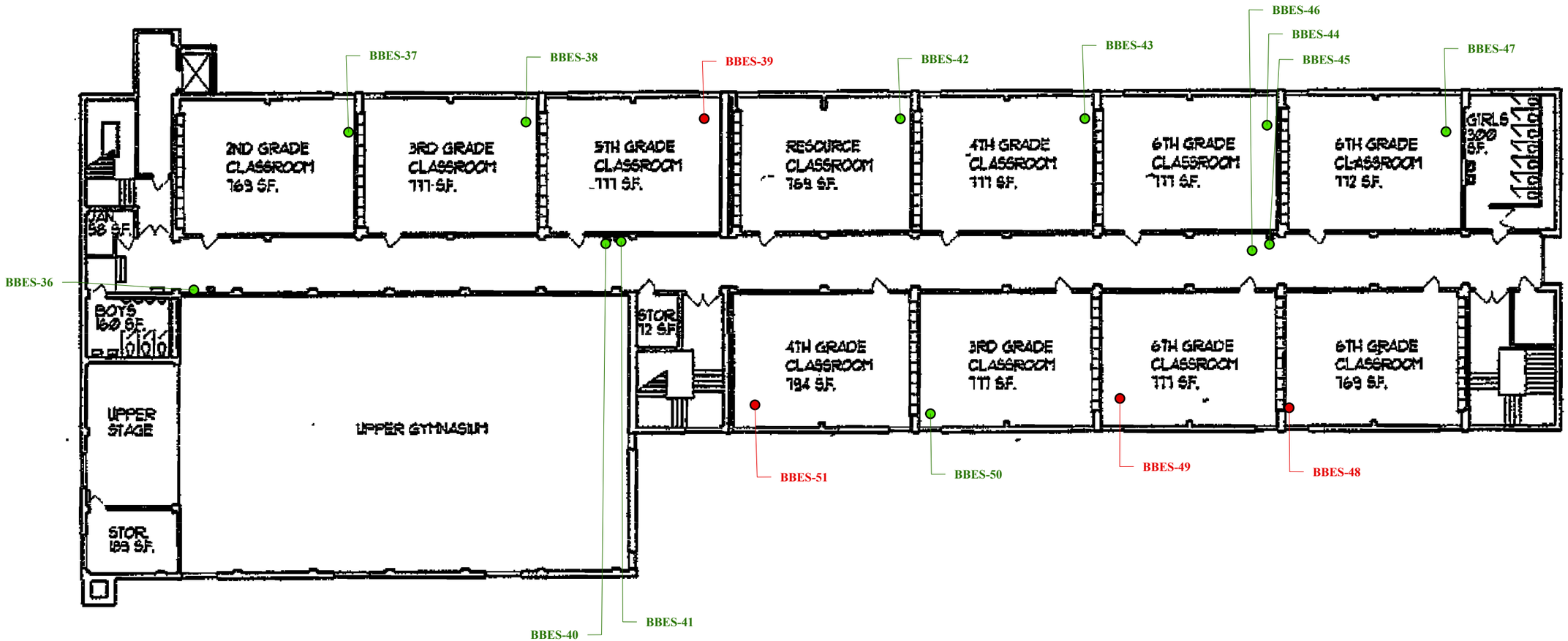
JOB NUMBER
2016-0860.2T

FIGURE DATE
03/07/2024

DRAWN BY
JTM

CHECKED BY
BLL

FIGURE
2



GENERAL NOTES/LEGEND

- RESULTS GREATER THAN THE ACTION LEVEL OF 5 PARTS PER BILLION
- RESULTS LESS THAN THE ACTION LEVEL OF 5 PARTS PER BILLION

FLOOR PLANS PROVIDED BY MEHLVILLE SCHOOL DISTRICT.
DIMENSIONS AND LOCATIONS ARE APPROXIMATE; ACTUAL MAY VARY. DRAWING SHALL NOT BE USED OUTSIDE THE CONTEXT OF THE REPORT FOR WHICH IT WAS GENERATED.

PROJECT NAME

MEHLVILLE SCHOOL DISTRICT
BIERBAUM ELEMENTARY SCHOOL - 3RD FLOOR
ST. LOUIS, MISSOURI

LEAD DRINKING WATER SAMPLING PLAN

N
W
E
S

JOB NUMBER 2016-0860.2T
FIGURE DATE 02/21/2024
DRAWN BY JTM
CHECKED BY BLL
FIGURE 3

Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

January 18, 2024

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

RE: 2016-0860.2T - BBES

Dear Glenn Grissom:

Please find enclosed the analytical results for the **51** sample(s) the laboratory received on **12/29/23 2:30 pm** and logged in under work order **GL04728**. 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.

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

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SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order GL04728

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

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ANALYTICAL RESULTS

Sample: GL04728-01
Name: BBES - 1
Matrix: Drinking Water - Grab
Sampled: 12/28/23 19:28
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 13:36	BRS	EPA 200.8 REV 5.4

Sample: GL04728-02
Name: BBES - 2
Matrix: Drinking Water - Grab
Sampled: 12/28/23 19:30
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	13.9	ug/L		01/11/24 10:15	1	1.00	01/11/24 13:38	BRS	EPA 200.8 REV 5.4

Sample: GL04728-03
Name: BBES - 3
Matrix: Drinking Water - Grab
Sampled: 12/28/23 19:32
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.26	ug/L		01/15/24 12:04	1	1.00	01/15/24 18:13	BRS	EPA 200.8 REV 5.4

Sample: GL04728-04
Name: BBES - 4
Matrix: Drinking Water - Grab
Sampled: 12/28/23 19:33
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	10.0	ug/L		01/11/24 10:15	1	1.00	01/11/24 13:39	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GL04728-05
Name: BBES - 5
Matrix: Drinking Water - Grab
Sampled: 12/28/23 19:34
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.33	ug/L		01/11/24 10:15	1	1.00	01/11/24 13:41	BRS	EPA 200.8 REV 5.4

Sample: GL04728-06
Name: BBES - 6
Matrix: Drinking Water - Grab
Sampled: 12/28/23 19:35
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 13:43	BRS	EPA 200.8 REV 5.4

Sample: GL04728-07
Name: BBES - 7
Matrix: Drinking Water - Grab
Sampled: 12/28/23 19:37
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.50	ug/L		01/11/24 10:15	1	1.00	01/11/24 13:47	BRS	EPA 200.8 REV 5.4

Sample: GL04728-08
Name: BBES - 8
Matrix: Drinking Water - Grab
Sampled: 12/28/23 19:40
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	9.47	ug/L		01/11/24 10:15	1	1.00	01/11/24 13:49	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GL04728-09
Name: BBES - 9
Matrix: Drinking Water - Grab

Sampled: 12/28/23 19:42
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	2.85	ug/L		01/11/24 10:15	1	1.00	01/11/24 13:53	BRS	EPA 200.8 REV 5.4

Sample: GL04728-10
Name: BBES - 10
Matrix: Drinking Water - Grab

Sampled: 12/28/23 19:48
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	2.54	ug/L		01/11/24 10:15	1	1.00	01/11/24 13:55	BRS	EPA 200.8 REV 5.4

Sample: GL04728-11
Name: BBES - 11
Matrix: Drinking Water - Grab

Sampled: 12/28/23 19:49
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 13:57	BRS	EPA 200.8 REV 5.4

Sample: GL04728-12
Name: BBES - 12
Matrix: Drinking Water - Grab

Sampled: 12/28/23 19:50
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 13:58	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GL04728-13
Name: BBES - 13
Matrix: Drinking Water - Grab
Sampled: 12/28/23 19:52
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	4.75	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:00	BRS	EPA 200.8 REV 5.4

Sample: GL04728-14
Name: BBES - 14
Matrix: Drinking Water - Grab
Sampled: 12/28/23 19:53
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	3.34	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:01	BRS	EPA 200.8 REV 5.4

Sample: GL04728-15
Name: BBES - 15
Matrix: Drinking Water - Grab
Sampled: 12/28/23 19:55
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	12.3	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:03	BRS	EPA 200.8 REV 5.4

Sample: GL04728-16
Name: BBES - 16
Matrix: Drinking Water - Grab
Sampled: 12/28/23 19:58
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.13	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:04	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GL04728-17
Name: BBES - 17
Matrix: Drinking Water - Grab

Sampled: 12/28/23 19:59
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.25	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:12	BRS	EPA 200.8 REV 5.4

Sample: GL04728-18
Name: BBES - 18
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:01
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	5.08	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:14	BRS	EPA 200.8 REV 5.4

Sample: GL04728-19
Name: BBES - 19
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:02
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	17.3	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:15	BRS	EPA 200.8 REV 5.4

Sample: GL04728-20
Name: BBES - 20
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:04
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:17	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GL04728-21
Name: BBES - 21
Matrix: Drinking Water - Grab
Sampled: 12/28/23 20:06
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.90	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:18	BRS	EPA 200.8 REV 5.4

Sample: GL04728-22
Name: BBES - 22
Matrix: Drinking Water - Grab
Sampled: 12/28/23 20:07
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.58	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:20	BRS	EPA 200.8 REV 5.4

Sample: GL04728-23
Name: BBES - 23
Matrix: Drinking Water - Grab
Sampled: 12/28/23 20:10
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:21	BRS	EPA 200.8 REV 5.4

Sample: GL04728-24
Name: BBES - 24
Matrix: Drinking Water - Grab
Sampled: 12/28/23 20:13
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/15/24 12:04	1	1.00	01/15/24 18:01	BRS	EPA 200.8 REV 5.4

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Peoria, IL 61615
(800)752-6651

ANALYTICAL RESULTS

Sample: GL04728-25
Name: BBES - 25
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:18
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:23	BRS	EPA 200.8 REV 5.4

Sample: GL04728-26
Name: BBES - 26
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:20
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:24	BRS	EPA 200.8 REV 5.4

Sample: GL04728-27
Name: BBES - 27
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:22
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	4.10	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:26	BRS	EPA 200.8 REV 5.4

Sample: GL04728-28
Name: BBES - 28
Matrix: Drinking Water - Grab

Sampled: 12/28/23 23:00
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	14.4	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:34	BRS	EPA 200.8 REV 5.4

Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

ANALYTICAL RESULTS

Sample: GL04728-29
Name: BBES - 29
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:25
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	25.8	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:35	BRS	EPA 200.8 REV 5.4

Sample: GL04728-30
Name: BBES - 30
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:28
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	6.57	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:37	BRS	EPA 200.8 REV 5.4

Sample: GL04728-31
Name: BBES - 31
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:29
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:38	BRS	EPA 200.8 REV 5.4

Sample: GL04728-32
Name: BBES - 32
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:31
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:40	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GL04728-33
Name: BBES - 33
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:32
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	21.3	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:42	BRS	EPA 200.8 REV 5.4

Sample: GL04728-34
Name: BBES - 34
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:34
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	11.9	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:43	BRS	EPA 200.8 REV 5.4

Sample: GL04728-35
Name: BBES - 35
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:36
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	33.6	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:45	BRS	EPA 200.8 REV 5.4

Sample: GL04728-36
Name: BBES - 36
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:40
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:49	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GL04728-37
Name: BBES - 37
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:42
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	4.10	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:51	BRS	EPA 200.8 REV 5.4

Sample: GL04728-38
Name: BBES - 38
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:44
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	3.83	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:55	BRS	EPA 200.8 REV 5.4

Sample: GL04728-39
Name: BBES - 39
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:45
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	5.17	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:57	BRS	EPA 200.8 REV 5.4

Sample: GL04728-40
Name: BBES - 40
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:47
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 14:59	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GL04728-41 **Sampled:** 12/28/23 20:48
Name: BBES - 41 **Received:** 12/29/23 14:30
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 15:00	BRS	EPA 200.8 REV 5.4

Sample: GL04728-42 **Sampled:** 12/28/23 20:49
Name: BBES - 42 **Received:** 12/29/23 14:30
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.94	ug/L		01/11/24 10:15	1	1.00	01/11/24 15:02	BRS	EPA 200.8 REV 5.4

Sample: GL04728-43 **Sampled:** 12/28/23 20:52
Name: BBES - 43 **Received:** 12/29/23 14:30
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	4.01	ug/L		01/11/24 10:15	1	1.00	01/11/24 15:03	BRS	EPA 200.8 REV 5.4

Sample: GL04728-44 **Sampled:** 12/28/23 20:54
Name: BBES - 44 **Received:** 12/29/23 14:30
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	4.26	ug/L		01/11/24 10:15	1	1.00	01/11/24 15:08	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GL04728-45
Name: BBES - 45
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:55
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 15:09	BRS	EPA 200.8 REV 5.4

Sample: GL04728-46
Name: BBES - 46
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:56
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/11/24 10:15	1	1.00	01/11/24 15:11	BRS	EPA 200.8 REV 5.4

Sample: GL04728-47
Name: BBES - 47
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:57
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	4.19	ug/L		01/11/24 10:15	1	1.00	01/11/24 15:13	BRS	EPA 200.8 REV 5.4

Sample: GL04728-48
Name: BBES - 48
Matrix: Drinking Water - Grab

Sampled: 12/28/23 20:59
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	8.45	ug/L		01/11/24 10:15	1	1.00	01/11/24 15:17	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GL04728-49
Name: BBES - 49
Matrix: Drinking Water - Grab

Sampled: 12/28/23 21:01
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	161	ug/L		01/11/24 10:15	1	1.00	01/11/24 15:19	BRS	EPA 200.8 REV 5.4

Sample: GL04728-50
Name: BBES - 50
Matrix: Drinking Water - Grab

Sampled: 12/28/23 21:03
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	2.97	ug/L		01/11/24 10:15	1	1.00	01/11/24 15:20	BRS	EPA 200.8 REV 5.4

Sample: GL04728-51
Name: BBES - 51
Matrix: Drinking Water - Grab

Sampled: 12/28/23 21:05
Received: 12/29/23 14:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	18.0	ug/L		01/11/24 10:15	1	1.00	01/11/24 15:22	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
Batch B422887 - DW 200.8 no prep - EPA 200.8 REV 5.4									
Blank (B422887-BLK1)				Prepared & Analyzed: 01/11/24					
Lead	< 1.00	ug/L							
LCS (B422887-BS1)				Prepared & Analyzed: 01/11/24					
Lead	54.7	ug/L		50.00		109	85-115		
Matrix Spike (B422887-MS1)	**Sample: GL04728-06**			Prepared & Analyzed: 01/11/24					
Lead	57.1	ug/L		50.00	0.735	113	70-130		
Matrix Spike (B422887-MS2)	**Sample: GL04728-16**			Prepared & Analyzed: 01/11/24					
Lead	54.5	ug/L		50.00	1.13	107	70-130		
Matrix Spike (B422887-MS3)	**Sample: GL04728-27**			Prepared & Analyzed: 01/11/24					
Lead	56.5	ug/L		50.00	4.10	105	70-130		
Matrix Spike (B422887-MS4)	**Sample: GL04728-37**			Prepared & Analyzed: 01/11/24					
Lead	56.8	ug/L		50.00	4.10	105	70-130		
Matrix Spike (B422887-MS5)	**Sample: GL04728-47**			Prepared & Analyzed: 01/11/24					
Lead	57.4	ug/L		50.00	4.19	106	70-130		
Matrix Spike (B422887-MS6)	**Sample: GL04730-08**			Prepared & Analyzed: 01/11/24					
Lead	51.8	ug/L		50.00	0.560	102	70-130		
Matrix Spike (B422887-MS7)	**Sample: GL04730-16**			Prepared & Analyzed: 01/11/24					
Lead	51.6	ug/L		50.00	0.463	102	70-130		
Matrix Spike (B422887-MS8)	**Sample: GL04730-24**			Prepared & Analyzed: 01/11/24					
Lead	60.1	ug/L		50.00	7.37	105	70-130		
Matrix Spike (B422887-MS9)	**Sample: GL04730-32**			Prepared & Analyzed: 01/11/24					
Lead	54.3	ug/L		50.00	0.976	107	70-130		
Matrix Spike (B422887-MSA)	**Sample: GL04730-42**			Prepared & Analyzed: 01/11/24					
Lead	53.2	ug/L		50.00	0.201	106	70-130		
Matrix Spike (B422887-MSB)	**Sample: GL04732-02**			Prepared & Analyzed: 01/11/24					
Lead	56.3	ug/L		50.00	7.25	98	70-130		
Matrix Spike (B422887-MSC)	**Sample: GL04732-13**			Prepared & Analyzed: 01/11/24					
Lead	60.9	ug/L		50.00	8.34	105	70-130		
Matrix Spike (B422887-MSD)	**Sample: GL04734-04**			Prepared & Analyzed: 01/11/24					
Lead	51.7	ug/L		50.00	0.833	102	70-130		
Matrix Spike Dup (B422887-MSD1)	**Sample: GL04728-06**			Prepared & Analyzed: 01/11/24					
Lead	54.5	ug/L		50.00	0.735	108	70-130	5	20
Matrix Spike Dup (B422887-MSD2)	**Sample: GL04728-16**			Prepared & Analyzed: 01/11/24					
Lead	54.7	ug/L		50.00	1.13	107	70-130	0.4	20
Matrix Spike Dup (B422887-MSD3)	**Sample: GL04728-27**			Prepared & Analyzed: 01/11/24					
Lead	56.4	ug/L		50.00	4.10	105	70-130	0.09	20
Matrix Spike Dup (B422887-MSD4)	**Sample: GL04728-37**			Prepared & Analyzed: 01/11/24					
Lead	57.9	ug/L		50.00	4.10	108	70-130	2	20
Matrix Spike Dup (B422887-MSD5)	**Sample: GL04728-47**			Prepared & Analyzed: 01/11/24					
Lead	58.0	ug/L		50.00	4.19	108	70-130	1	20
Matrix Spike Dup (B422887-MSD6)	**Sample: GL04730-08**			Prepared & Analyzed: 01/11/24					
Lead	52.6	ug/L		50.00	0.560	104	70-130	2	20
Matrix Spike Dup (B422887-MSD7)	**Sample: GL04730-16**			Prepared & Analyzed: 01/11/24					
Lead	53.2	ug/L		50.00	0.463	106	70-130	3	20

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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B422887-MSD8)	**Sample: GL04730-24**			Prepared & Analyzed: 01/11/24					
Lead	61.1	ug/L		50.00	7.37	107	70-130	2	20
Matrix Spike Dup (B422887-MSD9)	**Sample: GL04730-32**			Prepared & Analyzed: 01/11/24					
Lead	54.7	ug/L		50.00	0.976	107	70-130	0.7	20
Matrix Spike Dup (B422887-MSDA)	**Sample: GL04730-42**			Prepared & Analyzed: 01/11/24					
Lead	51.4	ug/L		50.00	0.201	102	70-130	3	20
Matrix Spike Dup (B422887-MSDB)	**Sample: GL04732-02**			Prepared & Analyzed: 01/11/24					
Lead	56.9	ug/L		50.00	7.25	99	70-130	1	20
Matrix Spike Dup (B422887-MSDC)	**Sample: GL04732-13**			Prepared & Analyzed: 01/11/24					
Lead	59.7	ug/L		50.00	8.34	103	70-130	2	20
Matrix Spike Dup (B422887-MSDD)	**Sample: GL04734-04**			Prepared & Analyzed: 01/11/24					
Lead	52.2	ug/L		50.00	0.833	103	70-130	1	20
Matrix Spike Dup (B422887-MSDE)	**Sample: GL04734-11**			Prepared & Analyzed: 01/11/24					
Lead	54.7	ug/L		50.00	0.781	108	70-130	3	20
Matrix Spike Dup (B422887-MSDF)	**Sample: GL04734-21**			Prepared & Analyzed: 01/11/24					
Lead	55.1	ug/L		50.00	2.59	105	70-130	4	20
Matrix Spike Dup (B422887-MSDG)	**Sample: GL04734-31**			Prepared & Analyzed: 01/11/24					
Lead	54.9	ug/L		50.00	0.869	108	70-130	1	20
Matrix Spike (B422887-MSE)	**Sample: GL04734-11**			Prepared & Analyzed: 01/11/24					
Lead	53.2	ug/L		50.00	0.781	105	70-130		
Matrix Spike (B422887-MSF)	**Sample: GL04734-21**			Prepared & Analyzed: 01/11/24					
Lead	57.3	ug/L		50.00	2.59	109	70-130		
Matrix Spike (B422887-MSG)	**Sample: GL04734-31**			Prepared & Analyzed: 01/11/24					
Lead	54.1	ug/L		50.00	0.869	107	70-130		
Batch B423111 - DW 200.8 no prep - EPA 200.8 REV 5.4									
Blank (B423111-BLK1)				Prepared & Analyzed: 01/15/24					
Lead	< 1.00	ug/L							
LCS (B423111-BS1)				Prepared & Analyzed: 01/15/24					
Lead	485	ug/L		500.0		97	85-115		
Matrix Spike (B423111-MS1)	**Sample: GL04728-24**			Prepared & Analyzed: 01/15/24					
Lead	484	ug/L		500.0	0.138	97	70-130		
Matrix Spike (B423111-MS2)	**Sample: GL04721-08**			Prepared & Analyzed: 01/15/24					
Lead	492	ug/L		500.0	0.860	98	70-130		
Matrix Spike Dup (B423111-MSD1)	**Sample: GL04728-24**			Prepared & Analyzed: 01/15/24					
Lead	491	ug/L		500.0	0.138	98	70-130	1	20
Matrix Spike Dup (B423111-MSD2)	**Sample: GL04721-08**			Prepared & Analyzed: 01/15/24					
Lead	481	ug/L		500.0	0.860	96	70-130	2	20

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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

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

1/5

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED MO

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

1 CLIENT	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
SCI Engineering	2016-0860.2T	BBES	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
130 Point West Blvd	(314) 581-7570	blieb@sciengineering.com	
CITY STATE ZIP St. Charles, MO 63301	**SAMPLER (PLEASE PRINT)** Ethan Boyer		**MATRIX TYPES:** WW- WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL- SLUDGE NAS- NON AQUEOUS SOLID LCHT-LEACHATE OIL-OIL SO-SOIL SOL-SOLID
CONTACT PERSON Brian Lieb	**SAMPLER'S SIGNATURE**		

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	3 ANALYSIS REQUESTED: DW Pb	Turb Check	4 (FOR LAB USE ONLY) REMARKS
BBES-1	12/28/23	1028	X	X	DW	1	6	X	X	
BBES-2		1930						X	X	
BBES-3		1932						X	X	
BBES-4		1933						X	X	
BBES-5		1934						X	X	
BBES-6		1935						X	X	
BBES-7		1937						X	X	
BBES-8		1940						X	X	
BBES-9		1942						X	X	
BBES-10		1948						X	X	
BBES-11		1949						X	X	

4 (FOR LAB USE ONLY)
LOGIN # GL04728
LOGGED BY: SAS
CLIENT: SCI Engineering
PROJECT: Drinking Water Lead
PROJ. MGR.: Chenise Lambert-Sykes
CUSTODY SEAL #:

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	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	12/29/23	0930
RECEIVED BY: (SIGNATURE)	12923	1035
RELINQUISHED BY: (SIGNATURE)	12-29-23	1040
RECEIVED BY: (SIGNATURE)	12-29-23	1040
RELINQUISHED BY: (SIGNATURE)	12-29-23	1430
RECEIVED BY: (SIGNATURE)	12/29/23	1430

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT 17.8 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
SAMPLE(S) RECEIVED ON ICE Y OR N
SAMPLE ACCEPTANCE NONCONFORMANT Y OR N
REPORT IS NEEDED Y OR N
DATE AND TIME TAKEN FROM SAMPLE BOTTLE

COOLER

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

2/5

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED: MO

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

1 CLIENT	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
SCI Engineering	2016-0860.2T	BBES	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
130 Point West Blvd	(314) 581-7570	blieb@sciengineering.com	
CITY STATE ZIP St. Charles, MO 63301	**SAMPLER (PLEASE PRINT)** Ethan Boyer		**MATRIX TYPES:** WW- WASTEWATER; DW- DRINKING WATER; GW- GROUND WATER; WWSL- SLUDGE; NAS- NON AQUEOUS SOLID; LCHT-LEACHATE; OIL-OIL; SO-SOIL; SOL-SOLID
CONTACT PERSON Brian Lieb	**SAMPLER'S SIGNATURE**		

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # GL047128
LOGGED BY: ATB
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	SAMPLE TYPE COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	DW Pb	Turb Check	REMARKS
BBES-12	12/28/23	0950	X	X	DW	1	6	X	X	
BBES-13		1012						X	X	
BBES-14		1013						X	X	
BBES-15		1015						X	X	
BBES-16		1018						X	X	
BBES-17		1019						X	X	
BBES-18		2001						X	X	
BBES-19		2002						X	X	
BBES-20		2004						X	X	
BBES-21		2006						X	X	
BBES-22		2007						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
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	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	12/29/23	0030		12-29-23	1035
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	12-29-23	1035		12-29-23	1640
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	12-29-23	1430		12/29/23	1430

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT: 17.8 °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

Pace Analytical Services
WWW.PACELABS.COM

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

3/5

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED: MO

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

1 CLIENT	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
SCI Engineering	2016-0860.2T	BBES	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
130 Point West Blvd	(314) 581-7570	blieb@sciengineering.com	
CITY STATE ZIP St. Charles, MO 63301	**SAMPLER (PLEASE PRINT)** Ethan Boyer	**MATRIX TYPES:** WW- WASTEWATER; DW- DRINKING WATER; GW- GROUND WATER; WWSL- SLUDGE; NAS- NON AQUEOUS SOLID; LCHT-LEACHATE; OIL-OIL; SO-SOIL; SOL-SOLID	
CONTACT PERSON Brian Lieb	**SAMPLER'S SIGNATURE**		

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # GL049728
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	SAMPLE TYPE COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	DW Pb	Turb Check	REMARKS
BBES-23	12/20/23	2010	X	X	DW	1	6	X	X	
BBES-24		2013						X	X	
BBES-25		2018						X	X	
BBES-26		2020						X	X	
BBES-27		2022						X	X	
BBES-28		2023						X	X	
BBES-29		2025						X	X	
BBES-30		2028						X	X	
BBES-31		2029						X	X	
BBES-32		2031						X	X	
BBES-33		2032						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
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE
EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:

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PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____

7 RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	12/29/23	0930		12/29/23	1035
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	12-29-23	1035		12-29-23	1040
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	12-29-23	1430		12/29/23	1430

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT: 17.8 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
SAMPLE(S) RECEIVED ON ICE Y OR N
SAMPLE ACCEPTANCE NONCONFORMANT Y OR N
REPORT IS NEEDED Y OR N
DATE AND TIME TAKEN FROM SAMPLE BOTTLE

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

CHAIN OF CUSTODY RECORD

4 / 5

STATE WHERE SAMPLE COLLECTED: MO

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

1 CLIENT	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
SCI Engineering	2016-0860.2T	BBES	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
130 Point West Blvd	(314) 581-7570	blieb@sciengineering.com	
CITY STATE ZIP St. Charles, MO 63301	**SAMPLER (PLEASE PRINT)** Ethan Boyer	**MATRIX TYPES:** WW- WASTEWATER; DW- DRINKING WATER; GW- GROUND WATER; WWSL- SLUDGE; NAS- NON AQUEOUS SOLID; LCHT-LEACHATE; OIL-OIL; SO-SOIL; SOL-SOLID	
CONTACT PERSON Brian Lieb	**SAMPLER'S SIGNATURE**		

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # GL04728
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	SAMPLE TYPE COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	DW Pb	Turb Check	REMARKS
BBES-34	12/28/23	2034	X	X	DW	1	6	X	X	
BBES-35		2036						X	X	
BBES-36		2040						X	X	
BBES-37		2042						X	X	
BBES-38		2044						X	X	
BBES-39		2045						X	X	
BBES-40		2047						X	X	
BBES-41		~~2048~~						X	X	
BBES-42		2049						X	X	
BBES-43		2052						X	X	
BBES-44		2054						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
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE
EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:

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PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)

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	12/29/23	0930		12/29/23	0935
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	12/29/23	1035		12-29-23	1040
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	12-29-23	1430		12/29/23	1430

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT: 17.8 °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

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REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
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CHAIN OF CUSTODY RECORD

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CONTACT PERSON Brian Lieb	**SAMPLER'S SIGNATURE** EthBr		

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	3 ANALYSIS REQUESTED: DW Pb	Turb Check	REMARKS
BBES-45	12/28/23	2055	X	X	DW	1	6	X	X	
BBES-46		2056						X	X	
BBES-47		2057						X	X	
BBES-48		2059						X	X	
BBES-49		2101						X	X	
BBES-50		2103						X	X	
BBES-51		2105						X	X	

4 (FOR LAB USE ONLY)	
LOGIN #	GL047128
LOGGED BY:	SMB
CLIENT:	SCI Engineering
PROJECT:	Drinking Water Lead
PROJ. MGR.:	Chenise Lambert-Sykes
CUSTODY SEAL #:	

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:

RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE

EMAIL IF DIFFERENT FROM ABOVE:

PHONE # IF DIFFERENT FROM ABOVE:

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	12/29/23	0030		12/29/23	1035
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	12/29/23	1035		12-29-23	1040
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	12-29-23	1430		12/29/23	1430

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SAMPLE TEMPERATURE UPON RECEIPT: 17.8 °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