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
Ellisville Elementary School
1425 Froesel Drive
Ellisville, Missouri
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 12 and 14, 2023 and subsequent resampling conducted on December 13, 2023, June 19, and November 19, 2024. 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, SCI was able to sample all drinking water sources 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 12, 2023, SCI initially collected 36 drinking water samples (EVES-1 through EVES-37) 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 EVES-37. During this sampling event, 3 sample locations exceeded the action level (AL) of 5.0 micrograms lead per liter of water. These fixtures were taken out of service until remediation activities could be completed.

During SCI's resampling event on December 13, 2023, six drinking water samples were collected from the fixture**s** that exceeded 5.0 micrograms lead per liter of water. In addition to the 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, the previous 3 exceedances were still above the AL, and further remediation activities were recommended.

During SCI's resampling events on June 19 and November 19, 2024, the three sample locations that had previously exceeded the AL were retested. During this resampling event, all fixtures 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 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)	2nd Resample (ppb)
EVES-3	Kitchen	Steam Kettle	14.5	**5.0**	<1.0	4.98
EVES-6	Kitchen Three Sink Basin	Right Sink	14.3	**6.2**	<1.0	<1.0
EVES-8	Kitchen Dish Room	Left Sink	24.7	**59.6**	<1.0	<1.0

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.

Ethan D. Boyer
Staff Scientist

Jessica B. Keeven, CHMM
Environmental Services Manager

EDB/JBK/bmw

Enclosures
Lead Testing Results

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

August 14, 2023

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

RE: 2018-0351.2T-Ellisville Elem

Dear Glenn Grissom:

Please find enclosed the analytical results for the **35** sample(s) the laboratory received on **7/19/23 3:30 pm** and logged in under work order **GG03490**. 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 GG03490

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

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ANALYTICAL RESULTS

Sample: GG03490-01
Name: EVES - 01
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:25
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:13	BRS	EPA 200.8 REV 5.4

Sample: GG03490-02
Name: EVES - 02
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:26
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:15	BRS	EPA 200.8 REV 5.4

Sample: GG03490-03
Name: EVES - 03
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:29
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	14.5	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:16	BRS	EPA 200.8 REV 5.4

Sample: GG03490-04
Name: EVES - 04
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:30
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.03	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:18	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GG03490-05
Name: EVES - 05
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:31
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	2.65	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:19	BRS	EPA 200.8 REV 5.4

Sample: GG03490-06
Name: EVES - 06
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:32
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	14.3	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:21	BRS	EPA 200.8 REV 5.4

Sample: GG03490-07
Name: EVES - 07
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:34
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.29	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:29	BRS	EPA 200.8 REV 5.4

Sample: GG03490-08
Name: EVES - 08
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:36
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	24.7	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:30	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GG03490-09
Name: EVES - 09
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:37
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.70	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:32	BRS	EPA 200.8 REV 5.4

Sample: GG03490-10
Name: EVES - 10
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:39
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:33	BRS	EPA 200.8 REV 5.4

Sample: GG03490-11
Name: EVES - 12
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:41
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:35	BRS	EPA 200.8 REV 5.4

Sample: GG03490-12
Name: EVES - 13
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:43
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:37	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GG03490-13 **Sampled:** 07/12/23 18:46
Name: EVES - 14 **Received:** 07/19/23 15:30
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:38	BRS	EPA 200.8 REV 5.4

Sample: GG03490-14 **Sampled:** 07/12/23 18:51
Name: EVES - 15 **Received:** 07/19/23 15:30
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:40	BRS	EPA 200.8 REV 5.4

Sample: GG03490-15 **Sampled:** 07/12/23 18:54
Name: EVES - 16 **Received:** 07/19/23 15:30
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:41	BRS	EPA 200.8 REV 5.4

Sample: GG03490-16 **Sampled:** 07/12/23 18:55
Name: EVES - 17 **Received:** 07/19/23 15:30
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:43	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GG03490-17
Name: EVES - 18
Matrix: Drinking Water - Grab
Sampled: 07/12/23 18:56
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:51	BRS	EPA 200.8 REV 5.4

Sample: GG03490-18
Name: EVES - 19
Matrix: Drinking Water - Grab
Sampled: 07/12/23 19:01
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:52	BRS	EPA 200.8 REV 5.4

Sample: GG03490-19
Name: EVES - 20
Matrix: Drinking Water - Grab
Sampled: 07/12/23 19:02
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:54	BRS	EPA 200.8 REV 5.4

Sample: GG03490-20
Name: EVES - 21
Matrix: Drinking Water - Grab
Sampled: 07/12/23 19:09
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:55	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GG03490-21
Name: EVES - 22
Matrix: Drinking Water - Grab

Sampled: 07/12/23 19:16
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:57	BRS	EPA 200.8 REV 5.4

Sample: GG03490-22
Name: EVES - 23
Matrix: Drinking Water - Grab

Sampled: 07/12/23 19:18
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 18:59	BRS	EPA 200.8 REV 5.4

Sample: GG03490-23
Name: EVES - 24
Matrix: Drinking Water - Grab

Sampled: 07/12/23 19:19
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 19:00	BRS	EPA 200.8 REV 5.4

Sample: GG03490-24
Name: EVES - 25
Matrix: Drinking Water - Grab

Sampled: 07/12/23 19:21
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 19:02	BRS	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GG03490-25
Name: EVES - 26
Matrix: Drinking Water - Grab
Sampled: 07/12/23 19:26
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 19:06	BRS	EPA 200.8 REV 5.4

Sample: GG03490-26
Name: EVES - 27
Matrix: Drinking Water - Grab
Sampled: 07/12/23 19:28
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 19:08	BRS	EPA 200.8 REV 5.4

Sample: GG03490-27
Name: EVES - 28
Matrix: Drinking Water - Grab
Sampled: 07/12/23 19:29
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/12/23 08:37	1	1.00	08/12/23 11:29	wjm	EPA 200.8 REV 5.4

Sample: GG03490-28
Name: EVES - 29
Matrix: Drinking Water - Grab
Sampled: 07/12/23 19:30
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/12/23 08:37	1	1.00	08/12/23 11:31	wjm	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GG03490-29
Name: EVES - 30
Matrix: Drinking Water - Grab
Sampled: 07/12/23 19:44
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/12/23 08:37	1	1.00	08/12/23 11:32	wjm	EPA 200.8 REV 5.4

Sample: GG03490-30
Name: EVES - 31
Matrix: Drinking Water - Grab
Sampled: 07/12/23 19:46
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/12/23 08:37	1	1.00	08/12/23 11:34	wjm	EPA 200.8 REV 5.4

Sample: GG03490-31
Name: EVES - 32
Matrix: Drinking Water - Grab
Sampled: 07/12/23 19:46
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/12/23 08:37	1	1.00	08/12/23 11:39	wjm	EPA 200.8 REV 5.4

Sample: GG03490-32
Name: EVES - 33
Matrix: Drinking Water - Grab
Sampled: 07/12/23 19:47
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/12/23 08:37	1	1.00	08/12/23 11:40	wjm	EPA 200.8 REV 5.4

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ANALYTICAL RESULTS

Sample: GG03490-33
Name: EVES - 34
Matrix: Drinking Water - Grab

Sampled: 07/12/23 19:49
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/12/23 08:37	1	1.00	08/12/23 11:42	wjm	EPA 200.8 REV 5.4

Sample: GG03490-34
Name: EVES - 36
Matrix: Drinking Water - Grab

Sampled: 07/14/23 17:37
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/12/23 08:37	1	1.00	08/12/23 11:43	wjm	EPA 200.8 REV 5.4

Sample: GG03490-35
Name: EVES - 37
Matrix: Drinking Water - Grab

Sampled: 07/14/23 17:38
Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		08/12/23 08:37	1	1.00	08/12/23 12:43	wjm	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 B340782 - DW 200.8 no prep - EPA 200.8 REV 5.4									
Blank (B340782-BLK1)				Prepared & Analyzed: 08/09/23					
Lead	< 1.00	ug/L							
LCS (B340782-BS1)				Prepared & Analyzed: 08/09/23					
Lead	47.3	ug/L		50.00		95	85-115		
Matrix Spike (B340782-MS1)	**Sample: GG03452-03**			Prepared & Analyzed: 08/09/23					
Lead	51.4	ug/L		50.00	0.595	102	70-130		
Matrix Spike (B340782-MS2)	**Sample: GG03621-05**			Prepared & Analyzed: 08/09/23					
Lead	56.9	ug/L		50.00	1.33	111	70-130		
Matrix Spike (B340782-MS3)	**Sample: GG03459-06**			Prepared & Analyzed: 08/09/23					
Lead	51.0	ug/L		50.00	0.334	101	70-130		
Matrix Spike (B340782-MS4)	**Sample: GG03459-16**			Prepared & Analyzed: 08/09/23					
Lead	51.7	ug/L		50.00	0.161	103	70-130		
Matrix Spike (B340782-MS5)	**Sample: GG03465-03**			Prepared & Analyzed: 08/09/23					
Lead	54.5	ug/L		50.00	3.02	103	70-130		
Matrix Spike (B340782-MS6)	**Sample: GG03465-13**			Prepared & Analyzed: 08/09/23					
Lead	50.7	ug/L		50.00	0.190	101	70-130		
Matrix Spike (B340782-MS7)	**Sample: GG03471-02**			Prepared & Analyzed: 08/09/23					
Lead	55.0	ug/L		50.00	0.407	109	70-130		
Matrix Spike (B340782-MS8)	**Sample: GG03471-12**			Prepared & Analyzed: 08/09/23					
Lead	104	ug/L		100.0	5.93	98	70-130		
Matrix Spike (B340782-MS9)	**Sample: GG03476-03**			Prepared & Analyzed: 08/09/23					
Lead	49.7	ug/L		50.00	0.539	98	70-130		
Matrix Spike (B340782-MSA)	**Sample: GG03476-13**			Prepared & Analyzed: 08/09/23					
Lead	52.0	ug/L		50.00	ND	104	70-130		
Matrix Spike (B340782-MSB)	**Sample: GG03476-23**			Prepared & Analyzed: 08/09/23					
Lead	51.7	ug/L		50.00	1.13	101	70-130		
Matrix Spike (B340782-MSC)	**Sample: GG03476-33**			Prepared & Analyzed: 08/09/23					
Lead	50.3	ug/L		50.00	ND	101	70-130		
Matrix Spike (B340782-MSD)	**Sample: GG03490-06**			Prepared & Analyzed: 08/09/23					
Lead	64.2	ug/L		50.00	14.3	100	70-130		
Matrix Spike Dup (B340782-MSD1)	**Sample: GG03452-03**			Prepared & Analyzed: 08/09/23					
Lead	53.5	ug/L		50.00	0.595	106	70-130	4	20
Matrix Spike Dup (B340782-MSD2)	**Sample: GG03621-05**			Prepared & Analyzed: 08/09/23					
Lead	54.8	ug/L		50.00	1.33	107	70-130	4	20
Matrix Spike Dup (B340782-MSD3)	**Sample: GG03459-06**			Prepared & Analyzed: 08/09/23					
Lead	50.0	ug/L		50.00	0.334	99	70-130	2	20
Matrix Spike Dup (B340782-MSD4)	**Sample: GG03459-16**			Prepared & Analyzed: 08/09/23					
Lead	54.6	ug/L		50.00	0.161	109	70-130	6	20
Matrix Spike Dup (B340782-MSD5)	**Sample: GG03465-03**			Prepared & Analyzed: 08/09/23					
Lead	52.8	ug/L		50.00	3.02	99	70-130	3	20
Matrix Spike Dup (B340782-MSD6)	**Sample: GG03465-13**			Prepared & Analyzed: 08/09/23					
Lead	49.8	ug/L		50.00	0.190	99	70-130	2	20
Matrix Spike Dup (B340782-MSD7)	**Sample: GG03471-02**			Prepared & Analyzed: 08/09/23					
Lead	54.1	ug/L		50.00	0.407	107	70-130	2	20

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2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B340782-MSD8)	**Sample: GG03471-12**			Prepared & Analyzed: 08/09/23					
Lead	103	ug/L		100.0	5.93	97	70-130	0.4	20
Matrix Spike Dup (B340782-MSD9)	**Sample: GG03476-03**			Prepared & Analyzed: 08/09/23					
Lead	56.1	ug/L		50.00	0.539	111	70-130	12	20
Matrix Spike Dup (B340782-MSDA)	**Sample: GG03476-13**			Prepared & Analyzed: 08/09/23					
Lead	52.4	ug/L		50.00	ND	105	70-130	0.8	20
Matrix Spike Dup (B340782-MSDB)	**Sample: GG03476-23**			Prepared & Analyzed: 08/09/23					
Lead	48.0	ug/L		50.00	1.13	94	70-130	7	20
Matrix Spike Dup (B340782-MSDC)	**Sample: GG03476-33**			Prepared & Analyzed: 08/09/23					
Lead	47.5	ug/L		50.00	ND	95	70-130	6	20
Matrix Spike Dup (B340782-MSDD)	**Sample: GG03490-06**			Prepared & Analyzed: 08/09/23					
Lead	69.6	ug/L		50.00	14.3	111	70-130	8	20
Matrix Spike Dup (B340782-MSDE)	**Sample: GG03490-16**			Prepared & Analyzed: 08/09/23					
Lead	51.4	ug/L		50.00	ND	103	70-130	4	20
Matrix Spike Dup (B340782-MSDF)	**Sample: GG03490-26**			Prepared & Analyzed: 08/09/23					
Lead	50.1	ug/L		50.00	0.362	100	70-130	7	20
Matrix Spike (B340782-MSE)	**Sample: GG03490-16**			Prepared & Analyzed: 08/09/23					
Lead	49.5	ug/L		50.00	ND	99	70-130		
Matrix Spike (B340782-MSF)	**Sample: GG03490-26**			Prepared & Analyzed: 08/09/23					
Lead	46.8	ug/L		50.00	0.362	93	70-130		
Batch B341103 - DW 200.8 no prep - EPA 200.8 REV 5.4									
Blank (B341103-BLK1)				Prepared & Analyzed: 08/12/23					
Lead	< 1.00	ug/L							
LCS (B341103-BS1)				Prepared & Analyzed: 08/12/23					
Lead	49.0	ug/L		50.00		98	85-115		
Matrix Spike (B341103-MS1)	**Sample: GG01579-09**			Prepared & Analyzed: 08/12/23					
Lead	54.2	ug/L		50.00	1.24	106	70-130		
Matrix Spike (B341103-MS2)	**Sample: GG02350-03**			Prepared & Analyzed: 08/12/23					
Lead	54.3	ug/L		50.00	0.330	108	70-130		
Matrix Spike (B341103-MS3)	**Sample: GG03910-70**			Prepared & Analyzed: 08/12/23					
Lead	58.5	ug/L		50.00	7.45	102	70-130		
Matrix Spike (B341103-MS4)	**Sample: GG03490-30**			Prepared: 08/12/23 Analyzed: 08/14/23					
Lead	48.2	ug/L		50.00	ND	96	70-130		
Matrix Spike (B341103-MS5)	**Sample: GG03493-05**			Prepared: 08/12/23 Analyzed: 08/14/23					
Lead	54.7	ug/L		50.00	6.04	97	70-130		
Matrix Spike (B341103-MS6)	**Sample: GG03493-15**			Prepared: 08/12/23 Analyzed: 08/14/23					
Lead	53.2	ug/L		50.00	0.197	106	70-130		
Matrix Spike (B341103-MS7)	**Sample: GG03493-25**			Prepared: 08/12/23 Analyzed: 08/14/23					
Lead	52.1	ug/L		50.00	3.70	97	70-130		
Matrix Spike (B341103-MS8)	**Sample: GG03493-35**			Prepared: 08/12/23 Analyzed: 08/14/23					
Lead	96.2	ug/L	Q1	50.00	ND	192	70-130		
Matrix Spike Dup (B341103-MSD1)	**Sample: GG01579-09**			Prepared & Analyzed: 08/12/23					
Lead	53.6	ug/L		50.00	1.24	105	70-130	1	20
Matrix Spike Dup (B341103-MSD2)	**Sample: GG02350-03**			Prepared & Analyzed: 08/12/23					
Lead	53.0	ug/L		50.00	0.330	105	70-130	2	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 (B341103-MSD3)	**Sample: GG03910-70**			Prepared & Analyzed: 08/12/23					
Lead	59.7	ug/L		50.00	7.45	105	70-130	2	20
Matrix Spike Dup (B341103-MSD4)	**Sample: GG03490-30**			Prepared: 08/12/23 Analyzed: 08/14/23					
Lead	52.4	ug/L		50.00	ND	105	70-130	8	20
Matrix Spike Dup (B341103-MSD5)	**Sample: GG03493-05**			Prepared: 08/12/23 Analyzed: 08/14/23					
Lead	55.2	ug/L		50.00	6.04	98	70-130	0.9	20
Matrix Spike Dup (B341103-MSD6)	**Sample: GG03493-15**			Prepared: 08/12/23 Analyzed: 08/14/23					
Lead	51.3	ug/L		50.00	0.197	102	70-130	4	20
Matrix Spike Dup (B341103-MSD7)	**Sample: GG03493-25**			Prepared: 08/12/23 Analyzed: 08/14/23					
Lead	49.0	ug/L		50.00	3.70	91	70-130	6	20
Matrix Spike Dup (B341103-MSD8)	**Sample: GG03493-35**			Prepared: 08/12/23 Analyzed: 08/14/23					
Lead	35.4	ug/L	Q2	50.00	ND	71	70-130	92	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

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

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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	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
SCI Engineering	2018-0351.2T	Ellisville Elem	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
130 Point West Blvd	(314) 581-7570	ggrissom@sciengineering.com	
CITY STATE ZIP St. Charles, MO 63301	**SAMPLER (PLEASE PRINT)** Kieran Kleinhenz		**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 Glen Grissom	**SAMPLER'S SIGNATURE** Kieran Kleinhenz		

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
EVES-01	7/12/2023	1825	X		DW	1	6	X	X	
EVES-02	7/12/2023	1826	X		DW	1	6	X	X	
EVES-03	7/12/2023	1829	X		DW	1	6	X	X	
EVES-04	7/12/2023	1830	X		DW	1	6	X	X	
EVES-05	7/12/2023	1831	X		DW	1	6	X	X	
EVES-06	7/12/2023	1832	X		DW	1	6	X	X	
EVES-07	7/12/2023	1834	X		DW	1	6	X	X	
EVES-08	7/12/2023	1836	X		DW	1	6	X	X	
EVES-09	7/12/2023	1837	X		DW	1	6	X	X	
EVES-10	7/12/2023	1839	X		DW	1	6	X	X	
			X		DW	1	6	X	X	

CHEMICAL PRESERVATION CODES: 1 – HCL | 2 – H2SO4 | 3 – HNO3 | 4 – NAOH | 5 – NA2S2O3 | 6 – UNPRESERVED | 7 – OTHER

4 (FOR LAB USE ONLY)
LOGIN # GG03490
LOGGED BY: SAB
CLIENT: SCI Engineering
PROJECT: Drinking Water Lead
PROJ. MGR.: Chenise Lambert-Sykes
CUSTODY SEAL #:

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	8
RELINQUISHED BY: (SIGNATURE) Kieran Kleinhenz	7/17/23	8:30 AM	RECEIVED BY: (SIGNATURE) 7-19-23 1145
RELINQUISHED BY: (SIGNATURE)	7-19-23	1530	RECEIVED BY: (SIGNATURE)
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE) 7.19.23 15:30

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

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 thesesamples.
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

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Please call 800-752-6651 if you have any questions about completing this form.

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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	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
SCI Engineering	2018-0351.2T	Ellisville Elem	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
130 Point West Blvd	(314) 581-7570	ggrissom@sciengineering.com	
CITY STATE ZIP St. Charles, MO 63301	**SAMPLER (PLEASE PRINT)** Kieran Kleinhenz		**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 Glen Grissom	**SAMPLER'S SIGNATURE** Kieran Kleinhenz		

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
EVES-12	7/12/23	1841	X		DW	1	6	X	X	
EVES-13	7/12/23	1843	X		DW	1	6	X	X	
EVES-14	7/12/23	1846	X		DW	1	6	X	X	
EVES-15	7/12/23	1851	X		DW	1	6	X	X	
EVES-16	7/12/23	1854	X		DW	1	6	X	X	
EVES-17	7/12/23	1855	X		DW	1	6	X	X	
EVES-18	7/12/23	1856	X		DW	1	6	X	X	
EVES-19	7/12/23	1901	X		DW	1	6	X	X	
EVES-20	7/12/23	1902	X		DW	1	6	X	X	
EVES-21	7/12/23	1909	X		DW	1	6	X	X	
EVES-22	7/12/23	1916	X		DW	1	6	X	X	

4 (FOR LAB USE ONLY)
LOGIN #: GG03490
LOGGED BY: SAB
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:
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PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____

7 RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Kieran Kleinhenz	7/17/23	8:30 AM		7-19-23	1145
RELINQUISHED BY: (SIGNATURE)	DATE 7-19-23	TIME 1530	RECEIVED BY: (SIGNATURE)	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE 7-19-23	TIME 15:30

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

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 thesesamples.
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
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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.

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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.

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- Received within temperature preservation requirements
- Sample containers received in good condition (not leaking or broken)
- Any custody seal intact
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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

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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

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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	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
SCI Engineering	2018-0351.2T	Ellisville Elem	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
130 Point West Blvd	(314) 581-7570	ggrissom@sciengineering.com	
CITY STATE ZIP St. Charles, MO 63301	**SAMPLER (PLEASE PRINT)** Kieran Kleinhenz		
CONTACT PERSON Glen Grissom	**SAMPLER'S SIGNATURE** Kieran Kleinhenz		

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

4 (FOR LAB USE ONLY)
LOGIN # GGO3490
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
EVES-23	7/12/23	1918	X		DW	1	6	X	X	
EVES-24	7/12/23	1919	X		DW	1	6	X	X	
EVES-25	7/12/23	1921	X		DW	1	6	X	X	
EVES-26	7/12/23	1926	X		DW	1	6	X	X	
EVES-27	7/12/23	1928	X		DW	1	6	X	X	
EVES-28	7/12/23	1929	X		DW	1	6	X	X	
EVES-29	7/12/23	1930	X		DW	1	6	X	X	
EVES-30	7/12/23	1944	X		DW	1	6	X	X	
EVES-31	7/12/23	1946	X		DW	1	6	X	X	
EVES-32	7/12/23	1946	X		DW	1	6	X	X	
EVES-33	7/12/23	1947	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	DATE	TIME
RELINQUISHED BY: (SIGNATURE) Kieran Kleinhenz	7/17/23	8:30 AM
RECEIVED BY: (SIGNATURE)	7-19-23	1145
RELINQUISHED BY: (SIGNATURE)	7-19-23	1530
RECEIVED BY: (SIGNATURE)		
RELINQUISHED BY: (SIGNATURE)		
RECEIVED BY: (SIGNATURE)	7-19-23	15:30

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 Y OR N
REPORT IS NEEDED Y OR N
DATE AND TIME TAKEN FROM SAMPLE BOTTLE

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 thesesamples.
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

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WWW.PACELABS.COM

REGULATORY PROGRAM (CIRCLE):	NPDES
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CHAIN OF CUSTODY RECORD

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SCI Engineering	2018-0351.2T	Ellisville Elem	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
130 Point West Blvd	(314) 581-7570	ggrissom@sciengineering.com	
CITY STATE ZIP St. Charles, MO 63301	**SAMPLER (PLEASE PRINT)** Kieran Kleinhenz		**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 Glen Grissom	**SAMPLER'S SIGNATURE** Kieran Kleinhenz		

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EVES-34	7/12/23	1949	X		DW	1	6	X	X						
			X		DW	1	6	X	X						
EVES-36	7/14/2023	1737	X		DW	1	6	X	X						
EVES-37	7/14/2023	1738	X		DW	1	6	X	X						
			X		DW	1	6	X	X						
			X		DW	1	6	X	X						
			X		DW	1	6	X	X						
			X		DW	1	6	X	X						
			X		DW	1	6	X	X						
			X		DW	1	6	X	X						
			X		DW	1	6	X	X						

4 (FOR LAB USE ONLY)
LOGIN # GGO3490 SAB
LOGGED BY:
CLIENT: SCI Engineering
PROJECT: Drinking Water Lead
PROJ. MGR.: Chenise Lambert-Sykes
CUSTODY SEAL #:

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RELINQUISHED BY: (SIGNATURE)	7-19-23	1530	RECEIVED BY: (SIGNATURE)	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	7-19-23	15:30

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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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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.

December 20, 2023

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: Ellisville Elem 2018-0351.2A **WorkOrder:** 23121082

Dear Brian Lieb:

TEKLAB, INC received 6 samples on 12/13/2023 3:15:00 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

Report Contents

Client: SCI Engineering, Inc.
Work Order: 23121082
Client Project: Ellisville Elem 2018-0351.2A
Report Date: 20-Dec-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	8
Chain of Custody	Appended

Client: SCI Engineering, Inc. **Work Order:** 23121082

Client Project: Ellisville Elem 2018-0351.2A **Report Date:** 20-Dec-23

Abbr Definition

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)

Definitions

Client: SCI Engineering, Inc.
Work Order: 23121082

Client Project: Ellisville Elem 2018-0351.2A
Report Date: 20-Dec-23

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: 23121082
Client Project: Ellisville Elem 2018-0351.2A
Report Date: 20-Dec-23

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

Springfield

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

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
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

Chicago

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

Client: SCI Engineering, Inc. **Work Order:** 23121082

Client Project: Ellisville Elem 2018-0351.2A **Report Date:** 20-Dec-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	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

Client: SCI Engineering, Inc.
Work Order: 23121082
Client Project: Ellisville Elem 2018-0351.2A
Report Date: 20-Dec-23
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									
23121082-001A	EVES-3R	NELAP		1.0	**5.0**	µg/L	1	12/15/2023 21:05	12/13/2023 2:43
23121082-002A	EVES-3 (2nd)	NELAP		1.0	**< 1.0**	µg/L	1	12/15/2023 21:09	12/13/2023 2:49
23121082-003A	EVES-6R	NELAP		1.0	**6.2**	µg/L	1	12/19/2023 8:51	12/13/2023 2:45
23121082-004A	EVES-6 (2nd)	NELAP		1.0	**< 1.0**	µg/L	1	12/15/2023 21:13	12/13/2023 2:46
23121082-005A	EVES-8R	NELAP		1.0	**59.6**	µg/L	5	12/20/2023 10:41	12/13/2023 2:48
23121082-006A	EVES-8 (2nd)	NELAP		1.0	**< 1.0**	µg/L	1	12/15/2023 21:17	12/13/2023 2:49

Receiving Check List

http://www.teklabinc.com/

Client: SCI Engineering, Inc.
Client Project: Ellisville Elem 2018-0351.2A

Work Order: 23121082
Report Date: 20-Dec-23

Carrier: Employee

Received By: MEK

Completed by: Lindsey Maddox
On: 13-Dec-23

Reviewed by: Ellie Hopkins
On: 14-Dec-23

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. - lmaddox - 12/13/2023 5:30:15 PM

Print PDF

CHAIN OF CUSTODY

Pg 1 of 1 Workorder # 23121082

TEKLAB INC, 5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Client: SCI Engineering
Address: 130 Point W Blvd
City/State/Zip: 62301
Contact: Brian Lieb Phone:
Email: blieb@sciengineering.com Fax:

Samples on: ☐ ICE ☐ BLUE ICE ☒ NO ICE NA °C
Preserved in: ☐ LAB ☐ FIELD FOR LAB USE ONLY
LAB NOTES:

Client Comments:
5ppb reporting limit
ONE DAY TAT

Are these samples known to be involved in litigation? If yes, a surcharge will apply: ☐ Yes ☒ No
Are these samples known to be hazardous? ☐ Yes ☒ No
Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section: ☐ Yes ☒ No

PROJECT NAME/NUMBER: Ellisville Elem 2018-0351.2A
SAMPLE COLLECTOR'S NAME: Kieran Kleinherz

RESULTS REQUESTED
☐ Standard ☒ 1-2 Day (100% Surcharge)
☐ Other _____ ☐ 3 Day (50% Surcharge)

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Total Lead	Turbidity Check
23121082-001	EVES-3 R	12/13/23 02:43	Aqueous	1									X	X
-002	EVES-3 (2nd)	12/13/23 02:44	Aqueous	1									X	X
-003	EVES-6 R	12/13/23 02:45	Aqueous	1									X	X
-004	EVES-6 (2nd)	12/13/23 02:46	Aqueous	1									X	X
-005	EVES-8 R	12/13/23 02:48	Aqueous	1									X	X
-006	EVES-8 (2nd)	12/13/23 02:49	Aqueous	1									X	X
			Aqueous											
			Aqueous											
			Aqueous											
			Aqueous											
			Aqueous											

Relinquished By	Date/Time	Received By	Date/Time
Kieran Kleinherz	12/13/23 15:15	Mary Kemp	12/13/23 1515

*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. Chariles, MO 63301

RE: 2018-0351.2A-Ellisville Elem

Dear Glenn Grissom:

Please find enclosed the analytical results for the **2** sample(s) the laboratory received on **6/25/24 4:00 pm** and logged in under work order **HF04439**. 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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Peoria, IL 61615
(800)752-6651

SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order HF04439

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: HF04439-01
Name: EVES-6R2
Matrix: Drinking Water - Grab

Sampled: 06/19/24 23:44
Received: 06/25/24 16:00

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/01/24 08:59	1	1.00	07/01/24 14:20	BRS	EPA 200.8 REV 5.4

Sample: HF04439-02
Name: EVES-8R2
Matrix: Drinking Water - Grab

Sampled: 06/18/24 23:44
Received: 06/25/24 16:00

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/01/24 08:59	1	1.00	07/01/24 14:22	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 B436968 - DW 200.8 no prep - EPA 200.8 REV 5.4									
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)	**Sample: HF04186-04**			Prepared & Analyzed: 07/01/24					
Lead	57.1	ug/L		50.00	2.08	110	70-130		
Matrix Spike (B436968-MS2)	**Sample: HF04186-14**			Prepared & Analyzed: 07/01/24					
Lead	54.4	ug/L		50.00	0.865	107	70-130		
Matrix Spike (B436968-MS3)	**Sample: HF04187-09**			Prepared & Analyzed: 07/01/24					
Lead	54.0	ug/L		50.00	0.0540	108	70-130		
Matrix Spike (B436968-MS4)	**Sample: HF04187-19**			Prepared & Analyzed: 07/01/24					
Lead	54.9	ug/L		50.00	0.0540	110	70-130		
Matrix Spike (B436968-MS5)	**Sample: HF04145-04**			Prepared & Analyzed: 07/01/24					
Lead	60.6	ug/L		50.00	4.42	112	70-130		
Matrix Spike (B436968-MS6)	**Sample: HF04413-03**			Prepared & Analyzed: 07/01/24					
Lead	56.7	ug/L		50.00	0.911	112	70-130		
Matrix Spike (B436968-MS7)	**Sample: HF04404-03**			Prepared & Analyzed: 07/01/24					
Lead	57.0	ug/L		50.00	0.255	114	70-130		
Matrix Spike (B436968-MS9)	**Sample: HF04302-09**			Prepared & Analyzed: 07/01/24					
Lead	85.6	ug/L		50.00	30.3	111	70-130		
Matrix Spike (B436968-MSA)	**Sample: HF04545-02**			Prepared & Analyzed: 07/01/24					
Lead	109	ug/L		50.00	53.8	109	70-130		
Matrix Spike (B436968-MSB)	**Sample: HF04547-06**			Prepared & Analyzed: 07/01/24					
Lead	56.6	ug/L		50.00	0.769	112	70-130		
Matrix Spike (B436968-MSC)	**Sample: HF04548-08**			Prepared & Analyzed: 07/01/24					
Lead	88.6	ug/L		50.00	32.8	112	70-130		
Matrix Spike (B436968-MSD)	**Sample: HF04538-02**			Prepared & Analyzed: 07/01/24					
Lead	53.4	ug/L		50.00	0.367	106	70-130		
Matrix Spike Dup (B436968-MSD1)	**Sample: HF04186-04**			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)	**Sample: HF04186-14**			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)	**Sample: HF04187-09**			Prepared & Analyzed: 07/01/24					
Lead	54.6	ug/L		50.00	0.0540	109	70-130	1	20
Matrix Spike Dup (B436968-MSD4)	**Sample: HF04187-19**			Prepared & Analyzed: 07/01/24					
Lead	54.3	ug/L		50.00	0.0540	108	70-130	1	20
Matrix Spike Dup (B436968-MSD5)	**Sample: HF04145-04**			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)	**Sample: HF04413-03**			Prepared & Analyzed: 07/01/24					
Lead	57.8	ug/L		50.00	0.911	114	70-130	2	20
Matrix Spike Dup (B436968-MSD7)	**Sample: HF04404-03**			Prepared & Analyzed: 07/01/24					
Lead	56.4	ug/L		50.00	0.255	112	70-130	1	20
Matrix Spike Dup (B436968-MSD9)	**Sample: HF04302-09**			Prepared & Analyzed: 07/01/24					
Lead	86.8	ug/L		50.00	30.3	113	70-130	1	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 (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		

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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

Pace Analytical Services
WWW.PACELABS.COM

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	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
SCI Engineering	2018-0351.2A	Ellisville Elem	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
130 Point West Blvd	(314) 581-7570	blieb@sciengineering.com	6/21/24
CITY STATE ZIP St. Charles, MO 63301	**SAMPLER (PLEASE PRINT)** Kieran Kleinhenz		**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** Kieran Kleinhenz		

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
EVES-6R2	6/19/2024	2344	X		DW	1	6	X	X	
EVES-8R2	6/18/2024	2344	X		DW	1	6	X	X	

4 (FOR LAB USE ONLY)

LOGIN # HF04439
LOGGED BY: VB
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:

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	RECEIVED BY: (SIGNATURE)	DATE	TIME
RELINQUISHED BY: (SIGNATURE) Kieran Kleinhenz	6/24/24	1400		6-25-24	1100
RELINQUISHED BY: (SIGNATURE)	6-25-24	1600	RECEIVED BY: (SIGNATURE)		
RELINQUISHED BY: (SIGNATURE)			RECEIVED BY: (SIGNATURE) VB	6/25/24	1600

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: _____

Courier.

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

December 12, 2024

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

RE: 2018-0351.2A-T200-ELLISVILLE ES

Dear Brian Lieb:

Please find enclosed the analytical results for the **1** sample(s) the laboratory received on **12/3/24 4:50 pm** and logged in under work order **HL01100**. 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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2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order HL01100

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

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ANALYTICAL RESULTS

Sample: HL01100-01
Name: EVES-3R2
Matrix: Drinking Water - Grab

Sampled: 11/29/24 18:38
Received: 12/03/24 16:50

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	4.98	ug/L		12/11/24 10:05	1	1.00	12/11/24 12:48	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 B450611 - DW 200.8 no prep - EPA 200.8 REV 5.4									
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)	**Sample: HL00221-01**			Prepared & Analyzed: 12/11/24					
Lead	57.8	ug/L		50.00	0.341	115	70-130		
Matrix Spike (B450611-MS2)	**Sample: HL01071-01**			Prepared & Analyzed: 12/11/24					
Lead	57.0	ug/L		50.00	3.02	108	70-130		
Matrix Spike (B450611-MS3)	**Sample: HL01093-03**			Prepared & Analyzed: 12/11/24					
Lead	58.3	ug/L		50.00	6.95	103	70-130		
Matrix Spike (B450611-MS4)	**Sample: HL01111-02**			Prepared & Analyzed: 12/11/24					
Lead	63.7	ug/L		50.00	12.0	103	70-130		
Matrix Spike (B450611-MS5)	**Sample: HL01116-07**			Prepared & Analyzed: 12/11/24					
Lead	51.8	ug/L		50.00	0.753	102	70-130		
Matrix Spike (B450611-MS6)	**Sample: HL01123-05**			Prepared & Analyzed: 12/11/24					
Lead	75.3	ug/L		50.00	21.6	107	70-130		
Matrix Spike (B450611-MS7)	**Sample: HL01129-07**			Prepared & Analyzed: 12/11/24					
Lead	101	ug/L		50.00	45.8	111	70-130		
Matrix Spike (B450611-MS8)	**Sample: HL01131-04**			Prepared & Analyzed: 12/11/24					
Lead	72.0	ug/L		50.00	18.1	108	70-130		
Matrix Spike (B450611-MS9)	**Sample: HL01134-02**			Prepared & Analyzed: 12/11/24					
Lead	56.6	ug/L		50.00	3.75	106	70-130		
Matrix Spike (B450611-MSA)	**Sample: HL00670-02**			Prepared & Analyzed: 12/11/24					
Lead	54.8	ug/L		50.00	1.80	106	70-130		
Matrix Spike (B450611-MSB)	**Sample: HL01147-03**			Prepared & Analyzed: 12/11/24					
Lead	53.4	ug/L		50.00	2.56	102	70-130		
Matrix Spike (B450611-MSC)	**Sample: HL00107-07**			Prepared & Analyzed: 12/11/24					
Lead	64.3	ug/L		50.00	8.30	112	70-130		
Matrix Spike (B450611-MSD)	**Sample: HL00109-02**			Prepared & Analyzed: 12/11/24					
Lead	58.6	ug/L		50.00	0.0280	117	70-130		
Matrix Spike Dup (B450611-MSD1)	**Sample: HL00221-01**			Prepared & Analyzed: 12/11/24					
Lead	55.4	ug/L		50.00	0.341	110	70-130	4	20
Matrix Spike Dup (B450611-MSD2)	**Sample: HL01071-01**			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)	**Sample: HL01093-03**			Prepared & Analyzed: 12/11/24					
Lead	59.3	ug/L		50.00	6.95	105	70-130	2	20
Matrix Spike Dup (B450611-MSD4)	**Sample: HL01111-02**			Prepared & Analyzed: 12/11/24					
Lead	64.4	ug/L		50.00	12.0	105	70-130	1	20
Matrix Spike Dup (B450611-MSD5)	**Sample: HL01116-07**			Prepared & Analyzed: 12/11/24					
Lead	53.5	ug/L		50.00	0.753	105	70-130	3	20
Matrix Spike Dup (B450611-MSD6)	**Sample: HL01123-05**			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)	**Sample: HL01129-07**			Prepared & Analyzed: 12/11/24					
Lead	96.6	ug/L		50.00	45.8	102	70-130	5	20

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2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

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		

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

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

Pace Analytical Services
WWW.PACELABS.COM

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	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
SCI Engineering	2018-0351.2A T200	Ellisville ES	
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)** Kieran Kleinhenz		**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** Kieran Kleinhenz		

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
EVES-3R2	11/27/24	1838	X		DW	1	6	X	X	

4 (FOR LAB USE ONLY)	
LOGIN #	HL01100
LOGGED BY:	US
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 RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Kieran Kleinhenz	12/2/24				1050
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
		1650			
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
			Camden Bennett	12-3-24	1650

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 _____

ENV-FRM-PEOR-0098 v02_Sample Condition Upon Receipt

Pace

Client Name: SCI Engineering

Work Order #: _____

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

		Sample Intake Notes:
Custody Seal Present on Package(s) If yes, was seal intact	Yes (No) 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 Current PACE CoC Submitted	(Yes) No (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 Country of Origin State of Origin	Yes (N/A) Yes No	
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 Container Labels are Legible	(Yes) No (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 CRB	~~Yes~~ (No)	NE-9R2 → 9R3
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 If present, are they Listed on CoC	Yes No (N/A) 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.