



SCI ENGINEERING, INC.

EARTH • SCIENCE • SOLUTIONS

GEOTECHNICAL
ENVIRONMENTAL
NATURAL RESOURCES
CULTURAL RESOURCES
CONSTRUCTION SERVICES

September 1, 2023

Jeff Solter
Washington School District-Buildings and Grounds
2160 Highway A
Washington, Missouri 63090

RE: Lead in Drinking Water Report
Washington Early Childhood Center
831 West Pride Drive
Washington, Missouri
SCI No. 2010-5012.2T

Dear Jeff Solter:

INTRODUCTION

SCI Engineering, Inc. (SCI) is pleased to submit this report summarizing lead in drinking water testing activities performed on June 19, 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 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 it is not to be used as a drinking water source.

During the course of performing the sampling of the fixtures within the building, 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.

SCI collected 35 drinking water samples (ECC-1 through ECC-35) 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. A figure depicting the locations of the sampled water fixtures is 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). During the course of SCI's sampling, no samples exceeded the AL of 5 ppb. A copy of the analytical test results and chain-of-custody for all samples is enclosed.

CONCLUSION AND REPORTING

As previously mentioned, no drinking water samples exceeded the AL of 5 ppb. Therefore, no future testing is required.

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.

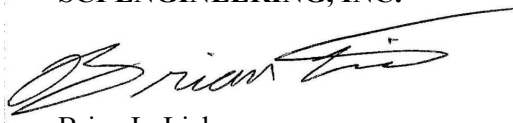
Additionally, within two weeks of receiving this report, the results and any lead remediation plans must be made available on the school's website.

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.



Brian L. Lieb
Project Scientist



Glen A. Grissom
Senior Specialist

Enclosures



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

July 11, 2023

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

RE: 2010-5012.2T-ECC

Dear Glenn Grissom:

Please find enclosed the analytical results for the **35** sample(s) the laboratory received on **6/21/23 10:15 am** and logged in under work order **GF03806**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

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

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

A handwritten signature in cursive script that reads "Amy Holmes".

Amy Holmes
Project Manager
(314) 595-7336
amy.holmes@pacelabs.com



SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order GF03806

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



ANALYTICAL RESULTS

Sample: GF03806-01
Name: ECC - 1
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:19
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method

Total Metals - PIA

Table row for Lead: Result 1.19, Unit ug/L, Prepared 07/10/23 09:51, Dilution 1, MRL 1.00, Analyzed 07/11/23 11:46, Analyst KMC, Method EPA 200.8 REV 5.4

Sample: GF03806-02
Name: ECC - 2
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:21
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method

Total Metals - PIA

Table row for Lead: Result < 1.00, Unit ug/L, Prepared 07/10/23 09:51, Dilution 1, MRL 1.00, Analyzed 07/11/23 11:48, Analyst KMC, Method EPA 200.8 REV 5.4

Sample: GF03806-03
Name: ECC - 3
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:26
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method

Total Metals - PIA

Table row for Lead: Result < 1.00, Unit ug/L, Prepared 07/10/23 09:51, Dilution 1, MRL 1.00, Analyzed 07/11/23 11:49, Analyst KMC, Method EPA 200.8 REV 5.4

Sample: GF03806-04
Name: ECC - 4
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:28
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method

Total Metals - PIA

Table row for Lead: Result < 1.00, Unit ug/L, Prepared 07/10/23 09:51, Dilution 1, MRL 1.00, Analyzed 07/11/23 11:50, Analyst KMC, Method EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GF03806-05

Name: ECC - 5

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:28

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/10/23 09:51	1	1.00	07/11/23 11:55	KMC	EPA 200.8 REV 5.4

Sample: GF03806-06

Name: ECC - 6

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:30

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/10/23 09:51	1	1.00	07/11/23 11:56	KMC	EPA 200.8 REV 5.4

Sample: GF03806-07

Name: ECC - 7

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:31

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/10/23 09:51	1	1.00	07/11/23 11:57	KMC	EPA 200.8 REV 5.4

Sample: GF03806-08

Name: ECC - 8

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:33

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/10/23 09:51	1	1.00	07/11/23 11:59	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GF03806-09

Name: ECC - 9

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:38

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/10/23 09:51	1	1.00	07/11/23 12:03	KMC	EPA 200.8 REV 5.4

Sample: GF03806-10

Name: ECC - 10

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:39

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/10/23 09:51	1	1.00	07/11/23 12:04	KMC	EPA 200.8 REV 5.4

Sample: GF03806-11

Name: ECC - 11

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:41

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/10/23 09:51	1	1.00	07/11/23 12:05	KMC	EPA 200.8 REV 5.4

Sample: GF03806-12

Name: ECC - 12

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:43

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/10/23 09:51	1	1.00	07/11/23 12:07	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GF03806-13
Name: ECC - 13
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:45
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/10/23 09:51, 1, 1.00, 07/11/23 12:11, KMC, EPA 200.8 REV 5.4

Sample: GF03806-14
Name: ECC - 14
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:48
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/10/23 09:51, 1, 1.00, 07/11/23 12:12, KMC, EPA 200.8 REV 5.4

Sample: GF03806-15
Name: ECC - 15
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:49
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/10/23 09:51, 1, 1.00, 07/11/23 12:14, KMC, EPA 200.8 REV 5.4

Sample: GF03806-16
Name: ECC - 16
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:51
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/10/23 09:51, 1, 1.00, 07/11/23 12:15, KMC, EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GF03806-17
Name: ECC - 17
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:53
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/10/23 09:51, 1, 1.00, 07/11/23 12:19, KMC, EPA 200.8 REV 5.4

Sample: GF03806-18
Name: ECC - 18
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:55
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/10/23 09:51, 1, 1.00, 07/11/23 12:20, KMC, EPA 200.8 REV 5.4

Sample: GF03806-19
Name: ECC - 19
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:57
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/10/23 09:51, 1, 1.00, 07/11/23 12:22, KMC, EPA 200.8 REV 5.4

Sample: GF03806-20
Name: ECC - 20
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 19:58
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/10/23 09:51, 1, 1.00, 07/11/23 12:23, KMC, EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GF03806-21
Name: ECC - 21
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:00
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/11/23 10:13, 1, 1.00, 07/11/23 13:35, KMC, EPA 200.8 REV 5.4

Sample: GF03806-22
Name: ECC - 22
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:03
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/11/23 10:13, 1, 1.00, 07/11/23 13:39, KMC, EPA 200.8 REV 5.4

Sample: GF03806-23
Name: ECC - 23
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:04
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/11/23 10:13, 1, 1.00, 07/11/23 13:40, KMC, EPA 200.8 REV 5.4

Sample: GF03806-24
Name: ECC - 24
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:09
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/11/23 10:13, 1, 1.00, 07/11/23 13:41, KMC, EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GF03806-25

Name: ECC - 25

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:11

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	4.50	ug/L		07/11/23 10:13	1	1.00	07/11/23 13:43	KMC	EPA 200.8 REV 5.4

Sample: GF03806-26

Name: ECC - 26

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:14

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/11/23 10:13	1	1.00	07/11/23 13:44	KMC	EPA 200.8 REV 5.4

Sample: GF03806-27

Name: ECC - 27

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:17

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/11/23 10:13	1	1.00	07/11/23 13:45	KMC	EPA 200.8 REV 5.4

Sample: GF03806-28

Name: ECC - 28

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:18

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/11/23 10:13	1	1.00	07/11/23 13:50	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GF03806-29

Name: ECC - 29

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:20

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/11/23 10:13	1	1.00	07/11/23 13:51	KMC	EPA 200.8 REV 5.4

Sample: GF03806-30

Name: ECC - 30

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:23

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/11/23 10:13	1	1.00	07/11/23 13:55	KMC	EPA 200.8 REV 5.4

Sample: GF03806-31

Name: ECC - 31

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:27

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/11/23 10:13	1	1.00	07/11/23 13:56	KMC	EPA 200.8 REV 5.4

Sample: GF03806-32

Name: ECC - 32

Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:29

Received: 06/21/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		07/11/23 10:13	1	1.00	07/11/23 13:58	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GF03806-33
Name: ECC - 33
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:31
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/11/23 10:13, 1, 1.00, 07/11/23 13:59, KMC, EPA 200.8 REV 5.4

Sample: GF03806-34
Name: ECC - 34
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:32
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/11/23 10:13, 1, 1.00, 07/11/23 14:00, KMC, EPA 200.8 REV 5.4

Sample: GF03806-35
Name: ECC - 35
Matrix: Drinking Water - Regular Sample

Sampled: 06/19/23 20:34
Received: 06/21/23 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/11/23 10:13, 1, 1.00, 07/11/23 14:02, KMC, EPA 200.8 REV 5.4



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<u>Batch B338060 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B338060-BLK1)				Prepared & Analyzed: 07/10/23					
Lead	< 1.00	ug/L							
LCS (B338060-BS1)				Prepared & Analyzed: 07/10/23					
Lead	52.1	ug/L		50.00		104	85-115		
Matrix Spike (B338060-MS1)				Sample: GF03705-63 Prepared & Analyzed: 07/10/23					
Lead	107	ug/L		50.00	ND	214	70-130		
Matrix Spike (B338060-MS2)				Sample: GF03705-71 Prepared & Analyzed: 07/10/23					
Lead	104	ug/L		50.00	ND	208	70-130		
Matrix Spike (B338060-MS3)				Sample: GF03705-79 Prepared & Analyzed: 07/10/23					
Lead	104	ug/L		50.00	0.781	207	70-130		
Matrix Spike (B338060-MS4)				Sample: GF03705-87 Prepared & Analyzed: 07/10/23					
Lead	110	ug/L		50.00	13.4	194	70-130		
Matrix Spike (B338060-MS5)				Sample: GF05199-16 Prepared & Analyzed: 07/10/23					
Lead	54.6	ug/L		50.00		109	70-130		
Matrix Spike (B338060-MS6)				Sample: GF03711-03 Prepared: 07/10/23 Analyzed: 07/11/23					
Lead	54.0	ug/L		50.00	3.47	101	70-130		
Matrix Spike (B338060-MS7)				Sample: GF03806-04 Prepared: 07/10/23 Analyzed: 07/11/23					
Lead	50.3	ug/L		50.00	ND	101	70-130		
Matrix Spike (B338060-MS8)				Sample: GF03806-12 Prepared: 07/10/23 Analyzed: 07/11/23					
Lead	51.1	ug/L		50.00	0.461	101	70-130		
Matrix Spike Dup (B338060-MSD1)				Sample: GF03705-63 Prepared & Analyzed: 07/10/23					
Lead	106	ug/L		50.00	ND	213	70-130	0.8	20
Matrix Spike Dup (B338060-MSD2)				Sample: GF03705-71 Prepared & Analyzed: 07/10/23					
Lead	104	ug/L		50.00	ND	208	70-130	0.4	20
Matrix Spike Dup (B338060-MSD3)				Sample: GF03705-79 Prepared & Analyzed: 07/10/23					
Lead	103	ug/L		50.00	0.781	204	70-130	1	20
Matrix Spike Dup (B338060-MSD4)				Sample: GF03705-87 Prepared & Analyzed: 07/10/23					
Lead	118	ug/L		50.00	13.4	209	70-130	6	20
Matrix Spike Dup (B338060-MSD5)				Sample: GF05199-16 Prepared & Analyzed: 07/10/23					
Lead	52.9	ug/L		50.00		106	70-130	3	20
Matrix Spike Dup (B338060-MSD6)				Sample: GF03711-03 Prepared: 07/10/23 Analyzed: 07/11/23					
Lead	54.5	ug/L		50.00	3.47	102	70-130	0.9	20
Matrix Spike Dup (B338060-MSD7)				Sample: GF03806-04 Prepared: 07/10/23 Analyzed: 07/11/23					
Lead	50.6	ug/L		50.00	ND	101	70-130	0.6	20
Matrix Spike Dup (B338060-MSD8)				Sample: GF03806-12 Prepared: 07/10/23 Analyzed: 07/11/23					
Lead	51.1	ug/L		50.00	0.461	101	70-130	0.1	20
<u>Batch B338189 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B338189-BLK1)				Prepared & Analyzed: 07/11/23					
Lead	< 1.00	ug/L							
LCS (B338189-BS1)				Prepared & Analyzed: 07/11/23					
Lead	53.1	ug/L		50.00		106	85-115		
Matrix Spike (B338189-MS1)				Sample: GF04297-06 Prepared & Analyzed: 07/11/23					
Lead	55.7	ug/L		50.00	3.89	104	70-130		



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (B338189-MS2)	Sample: GF04297-14			Prepared & Analyzed: 07/11/23					
Lead	51.3	ug/L		50.00	ND	103	70-130		
Matrix Spike (B338189-MS3)	Sample: GG00028-07			Prepared & Analyzed: 07/11/23					
Lead	51.4	ug/L		50.00	0.175	102	70-130		
Matrix Spike (B338189-MS4)	Sample: GG00028-15			Prepared & Analyzed: 07/11/23					
Lead	57.9	ug/L		50.00	7.32	101	70-130		
Matrix Spike (B338189-MS5)	Sample: GF03806-21			Prepared & Analyzed: 07/11/23					
Lead	49.4	ug/L		50.00	ND	99	70-130		
Matrix Spike (B338189-MS6)	Sample: GF03806-29			Prepared & Analyzed: 07/11/23					
Lead	52.4	ug/L		50.00	0.534	104	70-130		
Matrix Spike (B338189-MS7)	Sample: GF03817-02			Prepared & Analyzed: 07/11/23					
Lead	49.8	ug/L		50.00	0.119	99	70-130		
Matrix Spike (B338189-MS8)	Sample: GF03817-10			Prepared & Analyzed: 07/11/23					
Lead	51.6	ug/L		50.00	1.17	101	70-130		
Matrix Spike Dup (B338189-MSD1)	Sample: GF04297-06			Prepared & Analyzed: 07/11/23					
Lead	53.4	ug/L		50.00	3.89	99	70-130	4	20
Matrix Spike Dup (B338189-MSD2)	Sample: GF04297-14			Prepared & Analyzed: 07/11/23					
Lead	54.8	ug/L		50.00	ND	110	70-130	7	20
Matrix Spike Dup (B338189-MSD3)	Sample: GG00028-07			Prepared & Analyzed: 07/11/23					
Lead	53.2	ug/L		50.00	0.175	106	70-130	4	20
Matrix Spike Dup (B338189-MSD4)	Sample: GG00028-15			Prepared & Analyzed: 07/11/23					
Lead	56.0	ug/L		50.00	7.32	97	70-130	3	20
Matrix Spike Dup (B338189-MSD5)	Sample: GF03806-21			Prepared & Analyzed: 07/11/23					
Lead	56.9	ug/L		50.00	ND	114	70-130	14	20
Matrix Spike Dup (B338189-MSD6)	Sample: GF03806-29			Prepared & Analyzed: 07/11/23					
Lead	49.9	ug/L		50.00	0.534	99	70-130	5	20
Matrix Spike Dup (B338189-MSD7)	Sample: GF03817-02			Prepared & Analyzed: 07/11/23					
Lead	50.4	ug/L		50.00	0.119	101	70-130	1	20
Matrix Spike Dup (B338189-MSD8)	Sample: GF03817-10			Prepared & Analyzed: 07/11/23					
Lead	51.3	ug/L		50.00	1.17	100	70-130	0.5	20



NOTES

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

* Not a TNI accredited analyte

Certifications

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

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

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

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

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

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

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

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

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

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

USEPA DMR-QA Program

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

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

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

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

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



Certified by: Amy Holmes, Project Manager

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

CHAIN OF CUSTODY RECORD
 STATE WHERE SAMPLE COLLECTED MO

1 CLIENT **SCI Engineering** PROJECT NUMBER **2010-5012.2T** PROJECT LOCATION **ECC** PURCHASE ORDER # **3** ANALYSIS REQUESTED

ADDRESS **130 Point West Blvd** PHONE NUMBER **(314) 581-7570** E-MAIL **ggrissom@sciengineering.com** DATE SHIPPED

CITY STATE ZIP **St. Charles, MO 63301** SAMPLER (PLEASE PRINT) **Ethan Boyer** MATRIX TYPES: **WW-WASTEWATER, DW-DRINKING WATER, GW-GROUND WATER, MS-NON AQUEOUS SOLID, LIHT-LEACHATE, OIL OIL, SOI-SOLID**

CONTACT PERSON **Glen Grissom** SIGNATURE *[Signature]*

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)

SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE	MATRIX TYPE	BOTTLE COUNT	PRES CODE	CLIENT PROVIDED	REMARKS
ECC-1	6-19-23	19:19	X	DW	1	6	DW Pb	
ECC-2	6-19-23	19:21	X	DW	1	6	Turb Check	
ECC-3	6-19-23	19:26	X	DW	1	6		
ECC-4	6-19-23	19:28	X	DW	1	6		
ECC-5	6-19-23	19:28	X	DW	1	6		
ECC-6	6-19-23	19:30	X	DW	1	6		
ECC-7	6-16-23	19:31	X	DW	1	6		
ECC-8	6-19-23	19:33	X	DW	1	6		
ECC-9	6-19-23	19:38	X	DW	1	6		
ECC-10	6-19-23	19:39	X	DW	1	6		
ECC-11	6-19-23	19:41	X	DW	1	6		

5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) **NORMAL** RUSH 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) *[Signature]* DATE **6-21-23** TIME **13:35** RECEIVED BY: (SIGNATURE) *[Signature]* DATE **6/21/23** TIME **1615**

8 COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT **16.4** °C CHILL PROCESS STARTED PRIOR TO RECEIPT SAMPLE(S) RECEIVED ON ICE SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED DATE AND TIME TAKEN FROM SAMPLE BOTTLE

REINQUISHED BY: (SIGNATURE) *[Signature]* DATE **6/21/23** TIME **1410** RECEIVED BY: (SIGNATURE) *[Signature]* DATE **6/21/23** TIME **800**

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

2/14 CHAIN OF CUSTODY RECORD
 STATE WHERE SAMPLE COLLECTED M

1 CLIENT **SCI Engineering** PROJECT NUMBER **2010-5012.2T** PROJECT LOCATION **ECC** PURCHASE ORDER # **3** ANALYSIS REQUESTED

ADDRESS **130 Point West Blvd** PHONE NUMBER **(314) 581-7570** EMAIL **ggrissom@sciengineering.com** DATE SHIPPED

CITY **St. Charles, MO 63301** SAMPLER (PLEASE PRINT) **Ethan Boyer** MATRIX TYPES: **WW - WASTEWATER
 DW - DRINKING WATER
 WWS - S-LUDGE
 NAS - NON AQUEOUS SOLID
 LCHL - LEACHATE
 SO-SOL
 SO-SOLID**

CONTACT PERSON **Glen Grissom** SAMPLER'S SIGNATURE

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)

SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE PROVIDED	REMARKS
ECC-12	6-19-23	19:43	X	X	DW	1	6	DW Pb
ECC-13	6-19-23	19:45	X	X	DW	1	6	Turb Check
ECC-14	6-19-23	19:48	X	X	DW	1	6	
ECC-15	6-19-23	19:49	X	X	DW	1	6	
ECC-16	6-19-23	19:51	X	X	DW	1	6	
ECC-17	6-19-23	19:53	X	X	DW	1	6	
ECC-18	6-16-23	19:55	X	X	DW	1	6	
ECC-19	6-19-23	19:57	X	X	DW	1	6	
ECC-20	6-19-23	19:58	X	X	DW	1	6	
ECC-21	6-19-23	20:00	X	X	DW	1	6	
ECC-22	6-19-23	20:03	X	X	DW	1	6	

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

5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) (RUSH FEE IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) NORMAL RUSH DATE RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE

7 RELINQUISHED BY: (SIGNATURE) DATE 6-20-23 TIME 13:35 RECEIVED BY: (SIGNATURE) DATE 6/21/23 TIME 1410

RELINQUISHED BY: (SIGNATURE) DATE 6/21/23 TIME 1410 RECEIVED BY: (SIGNATURE) DATE 6/21/23 TIME 800

8 COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT 16.4 °C CHILL PROCESS STARTED PRIOR TO RECEIPT SAMPLE(S) RECEIVED ON ICE SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED DATE AND TIME TAKEN FROM SAMPLE BOTTLE

I understand that by initiating 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 QUALITY RESULTS: (INITIALS)

