



SCI ENGINEERING, INC.

EARTH • SCIENCE • SOLUTIONS

GEOTECHNICAL
ENVIRONMENTAL
NATURAL RESOURCES
CULTURAL RESOURCES
CONSTRUCTION SERVICES

July 13, 2026

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

RE: Lead in Drinking Water Report - Resample
LaSalle Springs Middle School
3300 MO-109
Wildwood, 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 31 and August 17, 2023, as well as subsequent resampling conducted on November 17, 2023, and March 29 and November 27, 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 sampling activities were limited to locations identified by the school district. If any additional potable water sources need testing, please contact SCI, and we will make arrangements for sampling 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 sampling of fixtures within the building, SCI was unable to sample three fixtures because they were non-operational. These fixtures included a drinking fountain in the cafeteria outside the entrance to the gymnasium, a bottle filler, and the left water fountain located across the hallway from Room 702. If these fixtures are made operational, they should be sampled or labeled non-potable. SCI was able to sample all other locations identified by the school district.

DRINKING WATER SURVEY

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

On July 31 and August 17, 2023, SCI initially collected 63 drinking water samples (LSMS-1 through LSMS-63) from various water fixtures located throughout the structure and submitted them for analytical testing. During this sampling event, 8 sample locations exceeded the action level (AL) of 5.0 micrograms lead per liter of water. One fixture was removed from use; the remaining fixtures were taken out of service until remediation activities could be completed.

During SCI’s resampling event on November 17, 2023, 12 drinking water samples were collected from fixtures which exceeded 5.0 micrograms lead per liter of water. In addition to first draw samples, SCI also collected second draw samples during the resampling event. The second draw samples were 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 sampling event, 5 of the sampled fixtures were below the AL and were returned to service. The remaining fixture was above the AL, and further remediation activities were recommended.

During SCI’s resampling event on March 29, 2024, 1 fixture which previously exceeded the AL was resampled. During this resampling event, the fixture was below the AL and was returned to service.

During SCI’s resampling event on November 27, 2024, the remaining fixture which previously exceeded the AL was resampled. During this resampling event, the fixture was below the AL and was 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)	2 nd Resample (ppb)
LSMS-11	Entrance by Door 2	Center Fountain	5.45	< 1.0	NS	
LSMS-14	Kitchen Serving Area	Handwash Sink	5.92	2.3	<1.0	NS
LSMS-16	Kitchen Dish Room	Handwash Sink	5.20	1.7	<1.0	NS
LSMS-18	Kitchen Dish Room	Right Faucet Triple Basin Sink	8.26	<1.0	<1.0	NS
LSMS-21	Kitchen	Left Combi-Oven	12.5	NS (removed)		
LSMS-22	Kitchen	Pan Faucet	45.4	6.5	<1.0	4.2
LSMS-24	Kitchen	Handwash Sink	7.39	1.4	<1.0	NS
LSMS-26	Kitchen	Wall Monted Faucet	61.4	1.2	<1.0	NS

NS-Not Sampled

CONCLUSION AND RECOMMENDATIONS

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

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

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

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

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

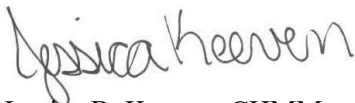
SCI appreciates the opportunity to be of service to you on this project. Please contact us if you have any questions or comments regarding the information provided.

Respectfully,

SCI ENGINEERING, INC.

Handwritten signature of Ethan D. Boyer in black ink.

Ethan D. Boyer
Staff Scientist

Handwritten signature of Jessica B. Keeven in black ink.

Jessica B. Keeven, CHMM
Environmental Services Manager

EDB/GBK/bmw

Enclosures
Lead Testing Results



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

September 12, 2023

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

RE: 2018-0351.2T-LSMS

Dear Glenn Grissom:

Please find enclosed the analytical results for the **60** sample(s) the laboratory received on **8/1/23 4:30 pm** and logged in under work order **GH00264**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

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

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

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

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

**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

Work Order GH00264

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: GH00264-01
Name: LSMS-1
Matrix: Drinking Water - Grab

Sampled: 07/31/23 20:38
Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 13:51	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-02
Name: LSMS-2
Matrix: Drinking Water - Grab

Sampled: 07/31/23 20:39
Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 13:53	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-03
Name: LSMS-3
Matrix: Drinking Water - Grab

Sampled: 07/31/23 20:40
Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 13:55	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-04
Name: LSMS-4
Matrix: Drinking Water - Grab

Sampled: 07/31/23 20:43
Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 13:56	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-05
Name: LSMS-5
Matrix: Drinking Water - Grab

Sampled: 07/31/23 20:45

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 13:58	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-06
Name: LSMS-6
Matrix: Drinking Water - Grab

Sampled: 07/31/23 20:46

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 13:59	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-07
Name: LSMS-7
Matrix: Drinking Water - Grab

Sampled: 07/31/23 22:11

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	1.15	ug/L		08/24/23 11:38	1	1.00	09/01/23 10:08	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-08
Name: LSMS-8
Matrix: Drinking Water - Grab

Sampled: 07/31/23 20:47

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:01	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-09
Name: LSMS-9
Matrix: Drinking Water - Grab

Sampled: 07/31/23 20:48

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:09	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-10
Name: LSMS-10
Matrix: Drinking Water - Grab

Sampled: 07/31/23 20:56

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	1.24	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:10	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-11
Name: LSMS-11
Matrix: Drinking Water - Grab

Sampled: 07/31/23 20:56

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	5.45	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:12	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-12
Name: LSMS-12
Matrix: Drinking Water - Grab

Sampled: 07/31/23 20:58

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	1.15	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:13	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-13
Name: LSMS-13
Matrix: Drinking Water - Grab

Sampled: 07/31/23 20:59

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:15	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-14
Name: LSMS-14
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:01

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	5.92	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:16	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-15
Name: LSMS-15
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:02

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:18	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-16
Name: LSMS-16
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:04

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	5.20	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:19	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-17
Name: LSMS-17
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:05

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	2.86	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:27	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-18
Name: LSMS-18
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:05

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	8.26	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:29	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-19
Name: LSMS-19
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:07

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	1.22	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:30	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-20
Name: LSMS-20
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:13

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:32	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-21
Name: LSMS-21
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:14

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	12.5	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:33	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-22
Name: LSMS-22
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:15

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	45.4	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:35	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-23
Name: LSMS-23
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:17

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	4.87	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:36	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-24
Name: LSMS-24
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:19

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	7.39	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:38	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-25
Name: LSMS-25
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:20

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	4.64	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:46	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-26
Name: LSMS-26
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:21

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	61.4	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:47	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-27
Name: LSMS-27
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:25

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:49	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-28
Name: LSMS-28
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:28

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:50	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-29
Name: LSMS-29
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:30

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	4.07	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:52	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-30
Name: LSMS-30
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:32

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:54	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-31
Name: LSMS-31
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:33

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:55	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-32
Name: LSMS-32
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:34

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 14:57	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-33
Name: LSMS-33
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:35

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:04	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-34
Name: LSMS-34
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:36

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:06	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-35
Name: LSMS-34
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:37

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:08	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-36
Name: LSMS-36
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:39

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:09	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-37
Name: LSMS-37
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:40

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:11	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-38
Name: LSMS-38
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:41

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:12	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-39
Name: LSMS-39
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:42

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:14	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-40
Name: LSMS-40
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:43

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:15	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-41
Name: LSMS-41
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:46

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:23	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-42
Name: LSMS-42
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:47

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	1.89	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:25	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-43
Name: LSMS-43
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:48

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:26	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-44
Name: LSMS-44
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:50

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:28	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-45
Name: LSMS-45
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:51

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	3.80	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:29	KMC	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-46
Name: LSMS-46
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:52

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:31	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-47
Name: LSMS-47
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:53

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:32	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-48
Name: LSMS-48
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:54

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:34	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-49
Name: LSMS-49
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:57

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:42	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-50
Name: LSMS-50
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:58

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/25/23 10:53	1	1.00	08/28/23 15:43	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-51
Name: LSMS-51
Matrix: Drinking Water - Grab

Sampled: 07/31/23 21:59

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/31/23 09:53	1	1.00	08/31/23 17:59	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-52
Name: LSMS-52
Matrix: Drinking Water - Grab

Sampled: 07/31/23 22:00

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/31/23 09:53	1	1.00	08/31/23 18:01	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-53
Name: LSMS-53
Matrix: Drinking Water - Grab

Sampled: 07/31/23 22:01

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/31/23 09:53	1	1.00	08/31/23 18:02	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-54
Name: LSMS-54
Matrix: Drinking Water - Grab

Sampled: 07/31/23 22:03

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/31/23 09:53	1	1.00	08/31/23 18:07	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-55
Name: LSMS-55
Matrix: Drinking Water - Grab

Sampled: 07/31/23 22:04

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/31/23 09:53	1	1.00	08/31/23 18:08	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-56
Name: LSMS-56
Matrix: Drinking Water - Grab

Sampled: 07/31/23 22:04

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/31/23 09:53	1	1.00	08/31/23 18:10	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GH00264-57
Name: LSMS-57
Matrix: Drinking Water - Grab

Sampled: 07/31/23 22:05

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/31/23 09:53	1	1.00	08/31/23 18:11	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-58
Name: LSMS-58
Matrix: Drinking Water - Grab

Sampled: 07/31/23 22:06

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/31/23 09:53	1	1.00	08/31/23 18:13	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-59
Name: LSMS-59
Matrix: Drinking Water - Grab

Sampled: 07/31/23 22:07

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/31/23 09:53	1	1.00	08/31/23 18:15	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GH00264-60
Name: LSMS-60
Matrix: Drinking Water - Grab

Sampled: 07/31/23 22:08

Received: 08/01/23 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		08/31/23 09:53	1	1.00	08/31/23 18:19	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 B342129 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B342129-BLK1)				Prepared: 08/24/23 Analyzed: 09/01/23					
Lead	< 1.11	ug/L							
LCS (B342129-BS1)				Prepared: 08/24/23 Analyzed: 09/01/23					
Lead	497	ug/L		555.6		89	85-115		
Matrix Spike (B342129-MS1)				Prepared: 08/24/23 Analyzed: 09/01/23					
Lead	482	ug/L		555.6	ND	87	70-130		
Matrix Spike Dup (B342129-MSD1)				Prepared: 08/24/23 Analyzed: 09/01/23					
Lead	490	ug/L		555.6	ND	88	70-130	2	20
<u>Batch B342361 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B342361-BLK1)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	< 1.00	ug/L							
LCS (B342361-BS1)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	53.6	ug/L		50.00		107	85-115		
Matrix Spike (B342361-MS1)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	50.2	ug/L		50.00	0.682	99	70-130		
Matrix Spike (B342361-MS2)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	51.3	ug/L		50.00	0.207	102	70-130		
Matrix Spike (B342361-MS3)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	63.3	ug/L		50.00	5.20	116	70-130		
Matrix Spike (B342361-MS4)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	58.1	ug/L		50.00	7.39	101	70-130		
Matrix Spike (B342361-MS5)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	49.2	ug/L		50.00	ND	98	70-130		
Matrix Spike (B342361-MS6)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	53.1	ug/L		50.00	0.787	105	70-130		
Matrix Spike (B342361-MS7)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	50.7	ug/L		50.00	0.486	100	70-130		
Matrix Spike (B342361-MS8)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	52.4	ug/L		50.00	0.596	104	70-130		
Matrix Spike (B342361-MS9)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	46.2	ug/L		50.00	0.745	91	70-130		
Matrix Spike (B342361-MSA)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	54.5	ug/L		50.00	3.63	102	70-130		
Matrix Spike (B342361-MSB)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	51.9	ug/L		50.00	ND	104	70-130		
Matrix Spike (B342361-MSC)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	54.5	ug/L		50.00	ND	109	70-130		
Matrix Spike (B342361-MSD)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	57.1	ug/L		50.00	3.72	107	70-130		
Matrix Spike Dup (B342361-MSD1)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	50.2	ug/L		50.00	0.682	99	70-130	0.004	20
Matrix Spike Dup (B342361-MSD2)				Prepared: 08/25/23 Analyzed: 08/28/23					
Lead	49.3	ug/L		50.00	0.207	98	70-130	4	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B342361-MSD3)				Sample: GH00264-16		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	59.4	ug/L		50.00	5.20	108	70-130	6	20
Matrix Spike Dup (B342361-MSD4)				Sample: GH00264-24		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	56.7	ug/L		50.00	7.39	99	70-130	2	20
Matrix Spike Dup (B342361-MSD5)				Sample: GH00264-32		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	52.3	ug/L		50.00	ND	105	70-130	6	20
Matrix Spike Dup (B342361-MSD6)				Sample: GH00264-40		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	48.6	ug/L		50.00	0.787	96	70-130	9	20
Matrix Spike Dup (B342361-MSD7)				Sample: GH00264-48		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	49.0	ug/L		50.00	0.486	97	70-130	3	20
Matrix Spike Dup (B342361-MSD8)				Sample: GH00266-06		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	50.8	ug/L		50.00	0.596	100	70-130	3	20
Matrix Spike Dup (B342361-MSD9)				Sample: GH00266-15		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	49.0	ug/L		50.00	0.745	97	70-130	6	20
Matrix Spike Dup (B342361-MSDA)				Sample: GH00266-23		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	54.1	ug/L		50.00	3.63	101	70-130	0.8	20
Matrix Spike Dup (B342361-MSDB)				Sample: GH00266-31		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	52.9	ug/L		50.00	ND	106	70-130	2	20
Matrix Spike Dup (B342361-MSDC)				Sample: GH00266-39		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	53.8	ug/L		50.00	ND	108	70-130	1	20
Matrix Spike Dup (B342361-MSDD)				Sample: GH00266-47		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	58.4	ug/L		50.00	3.72	109	70-130	2	20
Matrix Spike Dup (B342361-MSDE)				Sample: GH00266-55		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	49.6	ug/L		50.00	ND	99	70-130	8	20
Matrix Spike Dup (B342361-MSDF)				Sample: GH00305-13		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	56.4	ug/L		50.00	ND	113	70-130	2	20
Matrix Spike Dup (B342361-MSDG)				Sample: GH00190-02		Prepared: 08/25/23 Analyzed: 08/30/23			
Lead	51.2	ug/L		50.00	0.133	102	70-130	4	20
Matrix Spike (B342361-MSE)				Sample: GH00266-55		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	53.6	ug/L		50.00	ND	107	70-130		
Matrix Spike (B342361-MSF)				Sample: GH00305-13		Prepared: 08/25/23 Analyzed: 08/28/23			
Lead	57.4	ug/L		50.00	ND	115	70-130		
Matrix Spike (B342361-MSG)				Sample: GH00190-02		Prepared: 08/25/23 Analyzed: 08/30/23			
Lead	49.2	ug/L		50.00	0.133	98	70-130		
<u>Batch B342691 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B342691-BLK1)				Prepared & Analyzed: 08/31/23					
Lead	< 1.00	ug/L							
LCS (B342691-BS1)				Prepared & Analyzed: 08/31/23					
Lead	52.8	ug/L		50.00		106	85-115		
Matrix Spike (B342691-MS1)				Sample: GH00261-04		Prepared & Analyzed: 08/31/23			
Lead	46.3	ug/L		50.00	2.00	89	70-130		
Matrix Spike (B342691-MS2)				Sample: GH00264-59		Prepared & Analyzed: 08/31/23			
Lead	49.7	ug/L		50.00	0.234	99	70-130		
Matrix Spike (B342691-MS3)				Sample: GH00602-09		Prepared & Analyzed: 08/31/23			
Lead	50.8	ug/L		50.00	1.13	99	70-130		



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (B342691-MS4)	Sample: GH00602-19			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	46.6	ug/L		50.00		93	70-130		
Matrix Spike (B342691-MS5)	Sample: GH00641-08			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	46.8	ug/L		50.00	1.60	90	70-130		
Matrix Spike (B342691-MS6)	Sample: GH00641-16			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	78.4	ug/L		50.00	32.3	92	70-130		
Matrix Spike (B342691-MS7)	Sample: GH00641-24			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	65.7	ug/L		50.00	20.9	90	70-130		
Matrix Spike (B342691-MS8)	Sample: GH00641-32			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	69.5	ug/L		50.00	25.0	89	70-130		
Matrix Spike (B342691-MS9)	Sample: GH00642-08			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	48.4	ug/L		50.00	1.11	95	70-130		
Matrix Spike (B342691-MSA)	Sample: GG05176-08			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	46.7	ug/L		50.00		93	70-130		
Matrix Spike (B342691-MSB)	Sample: GG05176-17			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	52.2	ug/L		50.00		104	70-130		
Matrix Spike (B342691-MSC)	Sample: GG05184-12			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	49.1	ug/L		50.00	ND	98	70-130		
Matrix Spike (B342691-MSD)	Sample: GH01281-08			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	50.0	ug/L		50.00	2.42	95	70-130		
Matrix Spike Dup (B342691-MSD1)	Sample: GH00261-04			Prepared & Analyzed: 08/31/23					
Lead	48.6	ug/L		50.00	2.00	93	70-130	5	20
Matrix Spike Dup (B342691-MSD2)	Sample: GH00264-59			Prepared & Analyzed: 08/31/23					
Lead	52.8	ug/L		50.00	0.234	105	70-130	6	20
Matrix Spike Dup (B342691-MSD3)	Sample: GH00602-09			Prepared & Analyzed: 08/31/23					
Lead	47.7	ug/L		50.00	1.13	93	70-130	6	20
Matrix Spike Dup (B342691-MSD4)	Sample: GH00602-19			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	45.0	ug/L		50.00		90	70-130	4	20
Matrix Spike Dup (B342691-MSD5)	Sample: GH00641-08			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	43.9	ug/L		50.00	1.60	85	70-130	6	20
Matrix Spike Dup (B342691-MSD6)	Sample: GH00641-16			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	79.4	ug/L		50.00	32.3	94	70-130	1	20
Matrix Spike Dup (B342691-MSD7)	Sample: GH00641-24			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	63.9	ug/L		50.00	20.9	86	70-130	3	20
Matrix Spike Dup (B342691-MSD8)	Sample: GH00641-32			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	70.0	ug/L		50.00	25.0	90	70-130	0.8	20
Matrix Spike Dup (B342691-MSD9)	Sample: GH00642-08			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	48.8	ug/L		50.00	1.11	95	70-130	0.7	20
Matrix Spike Dup (B342691-MSDA)	Sample: GG05176-08			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	45.4	ug/L		50.00		91	70-130	3	20
Matrix Spike Dup (B342691-MSDB)	Sample: GG05176-17			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	47.9	ug/L		50.00		96	70-130	9	20
Matrix Spike Dup (B342691-MSDC)	Sample: GG05184-12			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	47.8	ug/L		50.00	ND	96	70-130	3	20
Matrix Spike Dup (B342691-MSDD)	Sample: GH01281-08			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	50.5	ug/L		50.00	2.42	96	70-130	0.9	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B342691-MSDE)	Sample: GH01281-31			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	51.5	ug/L		50.00	2.79	97	70-130	5	20
Matrix Spike Dup (B342691-MSDF)	Sample: GG05024-02			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	45.9	ug/L		50.00	ND	92	70-130	7	20
Matrix Spike (B342691-MSE)	Sample: GH01281-31			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	54.4	ug/L		50.00	2.79	103	70-130		
Matrix Spike (B342691-MSF)	Sample: GG05024-02			Prepared: 08/31/23 Analyzed: 09/01/23					
Lead	42.8	ug/L		50.00	ND	86	70-130		



NOTES

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

* Not a TNI accredited analyte

Certifications

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

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

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

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

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

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

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

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

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

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

USEPA DMR-QA Program

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

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

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

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

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

Certified by: Chenise Lambert-Sykes, Project Manager



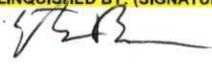
REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

1/6

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED MO

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

1 CLIENT SCI Engineering		PROJECT NUMBER 2018-0351.2T		PROJECT LOCATION LSMS		PURCHASE ORDER # 		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY) LOGIN # <u>6400264</u> LOGGED BY: _____ CLIENT: <u>SCI Engineering</u> PROJECT: <u>Drinking Water Lead</u> PROJ. MGR.: <u>Chenise Lambert-Sykes</u> CUSTODY SEAL #: _____	
ADDRESS 130 Point West Blvd		PHONE NUMBER (314) 581-7570		E-MAIL ggriissom@sciengineering.com		DATE SHIPPED 		DW Pb Turb Check			
CITY STATE ZIP St. Charles, MO 63301		SAMPLER (PLEASE PRINT) Ethan Boyer		MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE NAS-NON AQUEOUS SOLID LCHT-LEACHATE OIL-OIL SO-SOIL SOL-SOLID							
CONTACT PERSON Glen Grissom		SAMPLER'S SIGNATURE 									
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED			REMARKS	
LSMS-1		7/31/23	2032	X X	DW	1	6	X X			
LSMS-2		7/31/23	2039	X X	DW	1	6	X X			
LSMS-3		7/31/23	2040	X X	DW	1	6	X X			
LSMS-4		7/31/23	2043	X X	DW	1	6	X X			
LSMS-5		7/31/23	2045	X X	DW	1	6	X X			
LSMS-6		7/31/23	2046	X X	DW	1	6	X X			
LSMS-7		7/31/23	2211	X X	DW	1	6	X X			
LSMS-8		7/31/23	2047	X X	DW	1	6	X X			
LSMS-9		7/31/23	2048	X X	DW	1	6	X X			
LSMS-10		7/31/23	2056	X X	DW	1	6	X X			
LSMS-11		7/31/23	2056	X X	DW	1	6	X X			
CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3-HNO3 4-NAOH 5-NA2S2O3 6-UNPRESERVED 7-OTHER											
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)				DATE RESULTS NEEDED		6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.					
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE						PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)					
7 RELINQUISHED BY: (SIGNATURE) 				DATE 8/1/23 TIME 16:20		RECEIVED BY: (SIGNATURE) 		DATE 8/1/23 TIME 16:30		8 COMMENTS: (FOR LAB USE ONLY)	
RELINQUISHED BY: (SIGNATURE)				DATE		RECEIVED BY: (SIGNATURE)		DATE		SAMPLE TEMPERATURE UPON RECEIPT <u>22.4</u> °C	
RELINQUISHED BY: (SIGNATURE)				DATE		RECEIVED BY: (SIGNATURE)		DATE		CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N <u>N</u> SAMPLE(S) RECEIVED ON ICE Y OR N <u>N</u> SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N <u>N</u>	
RELINQUISHED BY: (SIGNATURE)				DATE		RECEIVED BY: (SIGNATURE)		DATE		DATE AND TIME TAKEN FROM SAMPLE BOTTLE	
RELINQUISHED BY: (SIGNATURE)				DATE		RECEIVED BY: (SIGNATURE)		DATE			

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

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED MO

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

1 CLIENT SCI Engineering ADDRESS 130 Point West Blvd CITY STATE ZIP St. Charles, MO 63301 CONTACT PERSON Glen Grissom		PROJECT NUMBER 2018-0351.2T PHONE NUMBER (314) 581-7570 SAMPLER (PLEASE PRINT) Ethan Boyer SAMPLER'S SIGNATURE 		PROJECT LOCATION LSMS E-MAIL ggriissom@sciengineering.com		PURCHASE ORDER # DATE SHIPPED MATRIX TYPES: WW- WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL- SLUDGE NAS- NON AQUEOUS SOLID LGHT- LEACHATE OIL- OIL SO- SOIL SOL- SOLID		3 ANALYSIS REQUESTED DW Pb Turb Check		4 (FOR LAB USE ONLY) LOGIN # <u>G1400264</u> LOGGED BY: _____ CLIENT: <u>SCI Engineering</u> PROJECT: <u>Drinking Water Lead</u> PROJ. MGR.: <u>Chenise Lambert-Sykes</u> CUSTODY SEAL #: _____	
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE PROVIDED	DW Pb Turb Check	REMARKS		
LSMS-12		7/31/23	2058	X X	DW	1	6	X X			
LSMS-13		7/31/23	2059	X X	DW	1	6	X X			
LSMS-14		7/31/23	2101	X X	DW	1	6	X X			
LSMS-15		7/31/23	2102	X X	DW	1	6	X X			
LSMS-16		7/31/23	2104	X X	DW	1	6	X X			
LSMS-17		7/31/23	2105	X X	DW	1	6	X X			
LSMS-18		7/31/23	2105	X X	DW	1	6	X X			
LSMS-19		7/31/23	2107	X X	DW	1	6	X X			
LSMS-20		7/31/23	2113	X X	DW	1	6	X X			
LSMS-21		7/31/23	2114	X X	DW	1	6	X X			
LSMS-22		7/31/23	2115	X X	DW	1	6	X X			
CHEMICAL PRESERVATION CODES: 1 - HCL 2 - H2SO4 3 - HNO3 4 - NAOH 5 - NA2S2O3 6 - UNPRESERVED 7 - OTHER											
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE				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.					
EMAIL IF DIFFERENT FROM ABOVE: _____ PHONE # IF DIFFERENT FROM ABOVE: _____				PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____							
7 RELINQUISHED BY: (SIGNATURE) 		DATE 8/1/23 TIME 1620	RECEIVED BY: (SIGNATURE) 			DATE 8/1/23 TIME 1630	8 COMMENTS: (FOR LAB USE ONLY)				
RELINQUISHED BY: (SIGNATURE)		DATE	RECEIVED BY: (SIGNATURE)			DATE	SAMPLE TEMPERATURE UPON RECEIPT <u>22.4</u> °C				
RELINQUISHED BY: (SIGNATURE)		DATE	RECEIVED BY: (SIGNATURE)			DATE	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				
		TIME				TIME	DATE AND TIME TAKEN FROM SAMPLE BOTTLE _____				

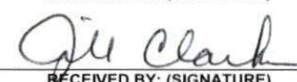
REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

3/6

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED MO

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

1 CLIENT SCI Engineering		PROJECT NUMBER 2018-0351.2T		PROJECT LOCATION LSMS		PURCHASE ORDER # 		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY) LOGIN # <u>G400264</u> LOGGED BY: _____ CLIENT: <u>SCI Engineering</u> PROJECT: <u>Drinking Water Lead</u> PROJ. MGR.: <u>Chenise Lambert-Sykes</u> CUSTODY SEAL #: _____	
ADDRESS 130 Point West Blvd		PHONE NUMBER (314) 581-7570		E-MAIL ggriessom@sciengineering.com		DATE SHIPPED 		DW Pb Turb Check			
CITY STATE ZIP St. Charles, MO 63301		SAMPLER (PLEASE PRINT) Ethan Boyer		MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE NAS-NON AQUEOUS SOLID LCHT-LEACHATE OIL-OIL SO-SOIL SOL-SOLID							
CONTACT PERSON Glen Grissom		SAMPLER'S SIGNATURE 									
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED			REMARKS	
LSMS-23		7/31/23	2117	X X	DW	1	6	X X			
LSMS-24		7/31/23	2119	X X	DW	1	6	X X			
LSMS-25		7/31/23	2120	X X	DW	1	6	X X			
LSMS-26		7/31/23	2121	X X	DW	1	6	X X			
LSMS-27		7/31/23	2125	X X	DW	1	6	X X			
LSMS-28		7/31/23	2128	X X	DW	1	6	X X			
LSMS-29		7/31/23	2130	X X	DW	1	6	X X			
LSMS-30		7/31/23	2132	X X	DW	1	6	X X			
LSMS-31		7/31/23	2133	X X	DW	1	6	X X			
LSMS-32		7/31/23	2134	X X	DW	1	6	X X			
LSMS-33		7/31/23	2135	X X	DW	1	6	X X			
CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3-HNO3 4-NAOH 5-NA2S2O3 6-UNPRESERVED 7-OTHER											
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)				DATE RESULTS NEEDED		6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.					
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE						PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)					
7 RELINQUISHED BY: (SIGNATURE) 				DATE 8/1/23 TIME 16:20		RECEIVED BY: (SIGNATURE) 		DATE 8/1/23 TIME 16:30		8 COMMENTS: (FOR LAB USE ONLY)	
RELINQUISHED BY: (SIGNATURE)				DATE TIME		RECEIVED BY: (SIGNATURE)		DATE TIME		SAMPLE TEMPERATURE UPON RECEIPT 22.4 °C	
RELINQUISHED BY: (SIGNATURE)				DATE TIME		RECEIVED BY: (SIGNATURE)		DATE TIME		CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N	
DATE AND TIME TAKEN FROM SAMPLE BOTTLE											

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

4/16

CHAIN OF CUSTODY RECORD
STATE WHERE SAMPLE COLLECTED MO

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

1 CLIENT SCI Engineering		PROJECT NUMBER 2018-0351.2T		PROJECT LOCATION LSMS		PURCHASE ORDER #		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY) LOGIN # <u>6N00264</u> LOGGED BY: _____ CLIENT: <u>SCI Engineering</u> PROJECT: <u>Drinking Water Lead</u> PROJ. MGR.: <u>Chenise Lambert-Sykes</u> CUSTODY SEAL #: _____	
ADDRESS 130 Point West Blvd		PHONE NUMBER (314) 581-7570		E-MAIL ggriissom@sciengineering.com		DATE SHIPPED		DW Pb Turb Check		REMARKS	
CITY STATE ZIP St. Charles, MO 63301		SAMPLER (PLEASE PRINT) Ethan Boyer		MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE NAS-NON AQUEOUS SOLID LCHT-LEACHATE OIL-OIL SO-SOIL SOL-SOLID		BOTTLE COUNT					
CONTACT PERSON Glen Grissom		SAMPLER'S SIGNATURE <i>[Signature]</i>		PRES CODE CLIENT PROVIDED		DATE COLLECTED					
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		TIME COLLECTED		SAMPLE TYPE GRAB COMP		MATRIX TYPE		BOTTLE COUNT		PRES CODE CLIENT PROVIDED	
LSMS- 34		7/31/23		2136		X X		DW		1 6	
LSMS- 35		7/31/23		2137		X X		DW		1 6	
LSMS- 36		7/31/23		2139		X X		DW		1 6	
LSMS- 37		7/31/23		2140		X X		DW		1 6	
LSMS- 38		7/31/23		2141		X X		DW		1 6	
LSMS- 39		7/31/23		2142		X X		DW		1 6	
LSMS- 40		7/31/23		2143		X X		DW		1 6	
LSMS- 41		7/31/23		2146		X X		DW		1 6	
LSMS- 42		7/31/23		2147		X X		DW		1 6	
LSMS- 43		7/31/23		2148		X X		DW		1 6	
LSMS- 44		7/31/23		2150		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) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE				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.					
EMAIL IF DIFFERENT FROM ABOVE: _____ PHONE # IF DIFFERENT FROM ABOVE: _____				PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____							
7 RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>		DATE 8/1/23 TIME 16:20		RECEIVED BY: (SIGNATURE) <i>[Signature]</i>				DATE 8/1/23 TIME 16:30		8 COMMENTS: (FOR LAB USE ONLY)	
RELINQUISHED BY: (SIGNATURE)		DATE		RECEIVED BY: (SIGNATURE)				DATE		SAMPLE TEMPERATURE UPON RECEIPT <u>22.4</u> °C	
RELINQUISHED BY: (SIGNATURE)		DATE		RECEIVED BY: (SIGNATURE)				DATE		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	
		TIME						TIME		DATE AND TIME TAKEN FROM SAMPLE BOTTLE	

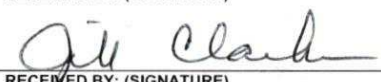
REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

5/6

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED MO

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

1 CLIENT SCI Engineering		PROJECT NUMBER 2018-0351.2T		PROJECT LOCATION LSMS		PURCHASE ORDER #		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY) LOGIN # <u>GN00264</u> LOGGED BY: _____ CLIENT: <u>SCI Engineering</u> PROJECT: <u>Drinking Water Lead</u> PROJ. MGR.: <u>Chenise Lambert-Sykes</u> CUSTODY SEAL #: _____			
ADDRESS 130 Point West Blvd		PHONE NUMBER (314) 581-7570		E-MAIL ggriessom@sciengineering.com		DATE SHIPPED		DW Pb Turb Check		REMARKS			
CITY STATE ZIP St. Charles, MO 63301		SAMPLER (PLEASE PRINT) Ethan Boyer		MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE NAS-NON AQUEOUS SOLID LCHT-LEACHATE OIL-OIL SO-SOIL SOL-SOLID		BOTTLE COUNT						PRES CODE CLIENT PROVIDED	
CONTACT PERSON Glen Grissom		SAMPLER'S SIGNATURE 											
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED		TIME COLLECTED		SAMPLE TYPE GRAB COMP		MATRIX TYPE		5			
LSMS-45		7/31/23		2151		X X		DW		1 6 X X			
LSMS-46		7/31/23		2152		X X		DW		1 6 X X			
LSMS-47		7/31/23		2153		X X		DW		1 6 X X			
LSMS-48		7/31/23		2154		X X		DW		1 6 X X			
LSMS-49		7/31/23		2157		X X		DW		1 6 X X			
LSMS-50		7/31/23		2158		X X		DW		1 6 X X			
LSMS-51		7/31/23		2159		X X		DW		1 6 X X			
LSMS-52		7/31/23		2200		X X		DW		1 6 X X			
LSMS-53		7/31/23		2201		X X		DW		1 6 X X			
LSMS-54		7/31/23		2203		X X		DW		1 6 X X			
LSMS-55		7/31/23		2204		X X		DW		1 6 X X			
CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3-HNO3 4-NAOH 5-NA2S2O3 6-UNPRESERVED 7-OTHER													
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)						DATE RESULTS NEEDED		6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.					
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE								PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____					
EMAIL IF DIFFERENT FROM ABOVE: _____						PHONE # IF DIFFERENT FROM ABOVE: _____							
7 RELINQUISHED BY: (SIGNATURE) 		DATE 8/1/23 TIME 16:20		RECEIVED BY: (SIGNATURE) 				DATE 8/1/23 TIME 16:30		8 COMMENTS: (FOR LAB USE ONLY)			
RELINQUISHED BY: (SIGNATURE)		DATE _____ TIME _____		RECEIVED BY: (SIGNATURE)				DATE _____ TIME _____		SAMPLE TEMPERATURE UPON RECEIPT <u>28.4</u> °C			
RELINQUISHED BY: (SIGNATURE)		DATE _____ TIME _____		RECEIVED BY: (SIGNATURE)				DATE _____ TIME _____		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 these samples.
PROJECT LOCATION: Client's location of project
PURCHASE ORDER NUMBER: Client's invoicing information
PHONE NUMBER: Client's contact phone number
E-MAIL: Client's e-mail for correspondence and final report
DATE SHIPPED: Month, date and year samples were shipped or delivered to the lab
SAMPLER: Printed name of sample collector
SAMPLER'S SIGNATURE: Signature of sample collector
REGULATORY PROGRAM: Circle regulatory program if applicable.
STATE WHERE SAMPLES COLLECTED: Enter the state if different from client address

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

3 **ANALYSIS REQUESTED:** Write the analysis name (or an abbreviation), the name of a group of tests, or the method number you would like us to perform. Examples are BOD, TCLP Metals, PCBs, Method 624, etc. Place a check mark in the small boxes that correspond to the sample(s) on which you want these tests performed.

REMARKS: List special instructions about the sample here. This space can also be used for listing additional analyses, or to request an extra copy of the report to be sent to an alternate person/address.

4 To be completed by laboratory personnel.

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

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

Summarized Sample Acceptance Policy Requirements:

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

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

BOX 6 CANNOT BE USED FOR DRINKING WATER COMPLIANCE SAMPLES.

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

8 To be completed by laboratory personnel.

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

SERVING YOU IN THE FOLLOWING LOCATIONS

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

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

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

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

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



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

October 22, 2023

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

RE: 2018-0351.2T-LaSalle Springs Middle

Dear Glenn Grissom:

Please find enclosed the analytical results for the **3** sample(s) the laboratory received on **8/18/23 3:20 pm** and logged in under work order **GH04168**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

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

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

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

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

**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

Work Order GH04168

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



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

Case Narrative

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



ANALYTICAL RESULTS

Sample: GH04168-01
Name: LSMS-61
Matrix: Drinking Water - Grab

Sampled: 08/17/23 20:48
Received: 08/18/23 15:20

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

Subcontracted Analysis - Pace Analytical - Ormond Beach

Lead	< 1	ug/L		08/17/23 20:48	1	1		PACE	EPA 200.8 REV 5.4
------	-----	------	--	----------------	---	---	--	------	-------------------

Sample: GH04168-02
Name: LSMS-62
Matrix: Drinking Water - Grab

Sampled: 08/17/23 20:56
Received: 08/18/23 15:20

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

Subcontracted Analysis - Pace Analytical - Ormond Beach

Lead	< 1	ug/L		08/17/23 20:56	1	1		PACE	EPA 200.8 REV 5.4
------	-----	------	--	----------------	---	---	--	------	-------------------

Sample: GH04168-03
Name: LSMS-63
Matrix: Drinking Water - Grab

Sampled: 08/17/23 20:54
Received: 08/18/23 15:20

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

Subcontracted Analysis - Pace Analytical - Ormond Beach

Lead	< 1	ug/L		08/17/23 20:54	1	1		PACE	EPA 200.8 REV 5.4
------	-----	------	--	----------------	---	---	--	------	-------------------



NOTES

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

* Not a TNI accredited analyte

Certifications

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

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

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

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

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

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

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

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

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

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

USEPA DMR-QA Program

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

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

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

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

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



Certified by: Chenise Lambert-Sykes, Project Manager



October 13, 2023

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

RE: Project: GH04168
Pace Project No.: 35832416

Dear Chenise Lambert-Sykes:

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

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

- Pace Analytical Services - Ormond Beach

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

Sincerely,

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

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: GH04168

Pace Project No.: 35832416

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

DoD-ANAB #: ADE-3199

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maine Certification #: FL01264

Maryland Certification: #346

Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: GH04168
Pace Project No.: 35832416

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35832416001	GH04168-01	EPA 200.8	LEC	1	PASI-O
35832416002	GH04168-02	EPA 200.8	LEC	1	PASI-O
35832416003	GH04168-03	EPA 200.8	LEC	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: GH04168
Pace Project No.: 35832416

Sample: GH04168-01		Lab ID: 35832416001		Collected: 08/17/23 20:48		Received: 10/05/23 16:30		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	ND	ug/L	1.0	1	10/12/23 00:19	10/12/23 11:05	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: GH04168
Pace Project No.: 35832416

Sample: GH04168-02		Lab ID: 35832416002		Collected: 08/17/23 20:56		Received: 10/05/23 16:30		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	ND	ug/L	1.0	1		10/11/23 00:53	7439-92-1		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: GH04168
Pace Project No.: 35832416

Sample: GH04168-03		Lab ID: 35832416003		Collected: 08/17/23 20:54		Received: 10/05/23 16:30		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	ND	ug/L	1.0	1		10/11/23 00:57	7439-92-1		

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA

Project: GH04168

Pace Project No.: 35832416

QC Batch: 956818

Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8

Analysis Description: 200.8 MET No Prep Drinking Water

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35832416002, 35832416003

METHOD BLANK: 5261475

Matrix: Water

Associated Lab Samples: 35832416002, 35832416003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	1.0	10/11/23 01:32	

LABORATORY CONTROL SAMPLE: 5261476

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	46.2	92	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5261471 5261472

Parameter	Units	35832416002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	50	50	46.6	47.2	92	93	70-130	1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5261473 5261474

Parameter	Units	35832427001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	3.3	50	50	49.3	47.6	92	89	70-130	3	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Date: 10/13/2023 02:43 PM



QUALITY CONTROL DATA

Project: GH04168

Pace Project No.: 35832416

QC Batch: 957354

QC Batch Method: EPA 200.8

Analysis Method: EPA 200.8

Analysis Description: 200.8 MET Drinking Water

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35832416001

METHOD BLANK: 5265010

Matrix: Water

Associated Lab Samples: 35832416001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	1.0	10/12/23 10:36	

LABORATORY CONTROL SAMPLE: 5265011

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	45.9	92	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5265012 5265013

Parameter	Units	20291387001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	<0.0002 2 mg/L	50	50	47.0	46.9	94	94	70-130	0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5265014 5265015

Parameter	Units	35830808014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	0.015 mg/L	50	50	63.7	62.3	96	94	70-130	2	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALIFIERS

Project: GH04168
Pace Project No.: 35832416

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GH04168
Pace Project No.: 35832416

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35832416001	GH04168-01	EPA 200.8	957354	EPA 200.8	957375
35832416002	GH04168-02	EPA 200.8	956818		
35832416003	GH04168-03	EPA 200.8	956818		

REPORT OF LABORATORY ANALYSIS

SUBCONTRACT ORDER
Transfer Chain of Custody
Pace Analytical Services, LLC
GH04168

WO# : 35832416



35832416

SENDING LABORATORY

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

RECEIVING LABORATORY

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

Sample: GH04168-01
Name: LSMS-61

Sampled: 08/17/23 20:48
Matrix: Drinking Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	08/31/23 16:00	02/13/24 20:48	
01-Turb check	08/31/23 16:00	02/13/24 20:48	

Sample: GH04168-02
Name: LSMS-62

Sampled: 08/17/23 20:56
Matrix: Drinking Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	08/31/23 16:00	02/13/24 20:56	
01-Turb check	08/31/23 16:00	02/13/24 20:56	

Sample: GH04168-03
Name: LSMS-63

Sampled: 08/17/23 20:54
Matrix: Drinking Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	08/31/23 16:00	02/13/24 20:54	
01-Turb check	08/31/23 16:00	02/13/24 20:54	

SUBCONTRACT ORDER
Transfer Chain of Custody
Pace Analytical Services, LLC
GH04168

WO# : 35832416

PM: BTS

Due Date: 10/13/23

CLIENT: PACHAZ

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

Date Shipped: _____ Total # of Containers: 3 Sample Origin (State): _____ PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH

Date Results Needed: _____

Relinquished By	<u>Yusef Lambert</u>	Date/Time	<u>10/11/23 1200</u>	Received By	<u>[Signature]</u>	Date/Time	<u>10/3/23 0545</u>	Sample Temperature Upon Receipt	<u>22.5°C</u>
Relinquished By	<u>[Signature]</u>	Date/Time	<u>10/3/23 0545</u>	Received By	<u>Ben Pace</u>	Date/Time	<u>10/5/23 1630</u>	Sample(s) Received on Ice	<u>Y</u> or N
								Proper Bottles Received in Good Condition	<u>Y</u> or N
								Bottles Filled with Adequate Volume	<u>Y</u> or N
								Samples Received Within Hold Time	<u>Y</u> or N
								Date/Time Taken From Sample Bottle	<u>Y</u> or N

Pace

Date and Initials of person:

Examining contents:

Label:

Deliver:

pH:

Initials: JRS

Sample Condition Upon Receipt Form
WO#: 35832416
PM: BTS Due Date: 10/13/23
CLIENT: PACHAZ

Project #
Project Manager:
Client:

Thermometer Used: T 409 Date: 10-5-23 Time: 1637

State of Origin: ☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp. °C 24.3 (Visual) tail (Correction Factor) 24.4 (Actual)
Cooler #2 Temp. °C 25.3 (Visual) (Correction Factor) 25.4 (Actual)
Cooler #3 Temp. °C 23.9 (Visual) (Correction Factor) 23.3 (Actual)
Cooler #4 Temp. °C 22.2 (Visual) (Correction Factor) 22.3 (Actual)
Cooler #5 Temp. °C 24.4 (Visual) (Correction Factor) 24.5 (Actual)
Cooler #6 Temp. °C 25.3 (Visual) (Correction Factor) 25.4 (Actual)

☐ Samples on ice, cooling process has begun.
☐ Samples on ice, cooling process has begun.
☐ Samples on ice, cooling process has begun.
☐ Samples on ice, cooling process has begun.
☐ Samples on ice, cooling process has begun.
☐ Samples on ice, cooling process has begun.

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

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

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

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

Tracking # 7903 7806 2713

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

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

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

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

Shorted Date:

Shorted Time:

Bottle Quantity / Type:

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

Comments / Resolutions (use back for additional comments): All containers arrived in 500mL Co
Cooler #14, 23.0, Cooler #15, 25.1

Pace

Sample Condition Upon Receipt Form (SCUR)

Date and Initials of person:

Project #

Project Manager:

Client:

Examining contents: _____

Label: _____

Deliver: _____

pH: _____

Initials: JRS

Thermometer Used: T 409

Date: 10-5-23

Time: 1637

State of Origin: _____

☐ For WV projects, all containers verified to $\pm 0.5^{\circ}\text{C}$

Cooler #1 Temp. $^{\circ}\text{C}$ 24.3 (Visual) TC1 (Correction Factor) 24.4 (Actual)

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

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

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

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

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

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

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

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

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

Tracking # _____

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

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

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

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

Shorted Date: _____

Shorted Time: _____

Bottle Quantity / Type: _____

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

Comments / Resolutions (use back for additional comments):

All Samples Arrived in 500mL Containers
SCUR continued

Pace

Sample Condition

WO# : 35832416

PM: BTS

Due Date: 10/13/23

CLIENT: PACHAZ

Project #

Project Manager:

Client:

Date and Initials of person:

Examining contents:

Label:

Deliver:

pH:

Initials: JRS

Thermometer Used: T 409

Date: 10-5-23

Time: 16:36

State of Origin:

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

Cooler #1 Temp. $^{\circ}\text{C}$ 22.3 (Visual) tal (Correction Factor) 22.4 (Actual)

Cooler #2 Temp. $^{\circ}\text{C}$ 23.8 (Visual) (Correction Factor) 23.9 (Actual)

Cooler #3 Temp. $^{\circ}\text{C}$ 24.4 (Visual) (Correction Factor) 24.5 (Actual)

Cooler #4 Temp. $^{\circ}\text{C}$ 22.3 (Visual) (Correction Factor) 22.4 (Actual)

Cooler #5 Temp. $^{\circ}\text{C}$ 25.8 (Visual) (Correction Factor) 25.9 (Actual)

Cooler #6 Temp. $^{\circ}\text{C}$ 21.2 (Visual) (Correction Factor) 21.3 (Actual)

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

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

Time: Initials:

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

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

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

Tracking #

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

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

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

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

Shorted Date:

Shorted Time:

Bottle Quantity / Type:

Chain of Custody: Present: ☐ Yes ☐ No | Filled Out: ☐ Yes ☐ No ☐ N/A | Relinquished From Pace: ☐ Yes ☐ No ☐ N/A | Sampler Name: ☐ Yes ☐ No ☐ N/A

Relinquished To Pace: ☐ Yes ☐ No ☐ N/A | Sampling Date(s): ☐ Yes ☐ No ☐ N/A | Sampling Time(s): ☐ Yes ☐ No ☐ N/A

Samples Arrived within Hold Time. ☐ Yes ☐ No ☐ N/A

Comments:

Rush Turnaround Requested on COC. ☐ Yes ☐ No ☐ N/A

Comments:

Sufficient Volume. ☐ Yes ☐ No ☐ N/A

Comments:

Correct Containers Used. ☐ Yes ☐ No ☐ N/A

Comments:

Containers Intact. ☐ Yes ☐ No ☐ N/A

Comments:

Sample Labels Match COC (Sample ID, Date/Time of Collection). ☐ Yes ☐ No ☐ N/A

Comments:

All containers needing acid / base preservation have been checked. ☐ Yes ☐ No ☐ N/A

Preservation Information

Preservative:

Date:

Lot / Trace:

Time:

Amount added (mL):

Initials:

All containers needing preservation are found to be in compliance with EPA recommendation: ☐ Yes ☐ No ☐ N/A

Exceptions: Vials, Microbiology, O&G, PFAS

Headspace in Volatile Vials? (>6mm): ☐ Yes ☐ No ☐ N/A

Trip Blank Present: ☐ Yes ☐ No ☐ N/A

Comments / Resolutions (use back for additional comments):

Cooler #7 23.4 to 23.5

All Samples arrived in 500mL containers.
Seal Continued

STATE WHERE SAMPLE COLLECTED MO

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

Page 21 of 22

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

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

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

- 4 To be completed by laboratory personnel.

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

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

Summarized Sample Acceptance Policy Requirements:

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

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

BOX 6 CANNOT BE USED FOR DRINKING WATER COMPLIANCE SAMPLES.

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

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

SERVING YOU IN THE FOLLOWING LOCATIONS

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

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

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

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

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

November 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: 2018-0351.2A T200 Lasalle Springs

WorkOrder: 23111387

Dear Brian Lieb:

TEKLAB, INC received 12 samples on 11/17/2023 10:37:00 AM for the analysis presented in the following report.

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

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

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

Sincerely,



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

Client: SCI Engineering, Inc.

Work Order: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-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	19
Chain of Custody	Appended

Client: SCI Engineering, Inc.

Work Order: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-23

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.

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

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

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

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

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

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

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

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

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

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

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

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

TNTC Too numerous to count (> 200 CFU)

Client: SCI Engineering, Inc.

Work Order: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-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: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-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

Collinsville Air

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

Springfield

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

Chicago

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

Kansas City

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

Client: SCI Engineering, Inc.**Work Order:** 23111387**Client Project:** 2018-0351.2A T200 Lasalle Springs**Report Date:** 20-Nov-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



Laboratory Results

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

Client: SCI Engineering, Inc.

Work Order: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-23

Lab ID: 23111387-001

Client Sample ID: LSMS-14R

Matrix: DRINKING WATER

Collection Date: 11/17/2023 3:09

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Lead	NELAP	1.0		2.3	µg/L	1	11/20/2023 11:05	214908

Client: SCI Engineering, Inc.**Work Order:** 23111387**Client Project:** 2018-0351.2A T200 Lasalle Springs**Report Date:** 20-Nov-23**Lab ID:** 23111387-002**Client Sample ID:** LSMS-14(2nd)**Matrix:** DRINKING WATER**Collection Date:** 11/17/2023 3:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Lead	NELAP	1.0		< 1.0	µg/L	1	11/20/2023 11:09	214908



Laboratory Results

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

Client: SCI Engineering, Inc.

Work Order: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-23

Lab ID: 23111387-003

Client Sample ID: LSMS-16R

Matrix: DRINKING WATER

Collection Date: 11/17/2023 3:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Lead	NELAP	1.0		1.7	µg/L	1	11/20/2023 11:38	214909



Laboratory Results

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

Client: SCI Engineering, Inc.

Work Order: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-23

Lab ID: 23111387-004

Client Sample ID: LSMS-16(2nd)

Matrix: DRINKING WATER

Collection Date: 11/17/2023 3:16

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Lead	NELAP	1.0		< 1.0	µg/L	1	11/20/2023 11:42	214909



Laboratory Results

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

Client: SCI Engineering, Inc.

Work Order: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-23

Lab ID: 23111387-005

Client Sample ID: LSMS-18R

Matrix: DRINKING WATER

Collection Date: 11/17/2023 3:18

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Lead	NELAP	1.0		< 1.0	µg/L	1	11/20/2023 11:46	214909

Client: SCI Engineering, Inc.**Work Order:** 23111387**Client Project:** 2018-0351.2A T200 Lasalle Springs**Report Date:** 20-Nov-23**Lab ID:** 23111387-006**Client Sample ID:** LSMS-18(2nd)**Matrix:** DRINKING WATER**Collection Date:** 11/17/2023 3:18

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Lead	NELAP	1.0		< 1.0	µg/L	1	11/20/2023 11:50	214909



Laboratory Results

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

Client: SCI Engineering, Inc.

Work Order: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-23

Lab ID: 23111387-007

Client Sample ID: LSMS-22R

Matrix: DRINKING WATER

Collection Date: 11/17/2023 3:22

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Lead	NELAP	1.0		6.5	µg/L	1	11/20/2023 12:07	214909

Client: SCI Engineering, Inc.**Work Order:** 23111387**Client Project:** 2018-0351.2A T200 Lasalle Springs**Report Date:** 20-Nov-23**Lab ID:** 23111387-008**Client Sample ID:** LSMS-22(2nd)**Matrix:** DRINKING WATER**Collection Date:** 11/17/2023 3:23

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Lead	NELAP	1.0		< 1.0	µg/L	1	11/20/2023 11:54	214909



Laboratory Results

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

Client: SCI Engineering, Inc.

Work Order: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-23

Lab ID: 23111387-009

Client Sample ID: LSMS-24R

Matrix: DRINKING WATER

Collection Date: 11/17/2023 3:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Lead	NELAP	1.0		1.4	µg/L	1	11/20/2023 11:58	214909

Client: SCI Engineering, Inc.**Work Order:** 23111387**Client Project:** 2018-0351.2A T200 Lasalle Springs**Report Date:** 20-Nov-23**Lab ID:** 23111387-010**Client Sample ID:** LSMS-24(2nd)**Matrix:** DRINKING WATER**Collection Date:** 11/17/2023 3:26

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Lead	NELAP	1.0		< 1.0	µg/L	1	11/20/2023 12:03	214909



Laboratory Results

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

Client: SCI Engineering, Inc.

Work Order: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-23

Lab ID: 23111387-011

Client Sample ID: LSMS-26R

Matrix: DRINKING WATER

Collection Date: 11/17/2023 3:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Lead	NELAP	1.0		1.2	µg/L	1	11/20/2023 12:31	214909



Laboratory Results

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

Client: SCI Engineering, Inc.

Work Order: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-23

Lab ID: 23111387-012

Client Sample ID: LSMS-26(2nd)

Matrix: DRINKING WATER

Collection Date: 11/17/2023 3:31

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Lead	NELAP	1.0		< 1.0	µg/L	1	11/20/2023 12:35	214909



Receiving Check List

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

Client: SCI Engineering, Inc.

Work Order: 23111387

Client Project: 2018-0351.2A T200 Lasalle Springs

Report Date: 20-Nov-23

Carrier: Employee

Received By: HAW

Completed by:

On:

17-Nov-23

Amber Dilallo

Reviewed by:

On:

17-Nov-23

Ellie Hopkins

Pages to follow:

Chain of custody

2

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C N/A

Type of thermal preservation?

None ☒

Ice ☐

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

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

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

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☒

No ☐

NA ☐

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

Yes ☐

No ☐

NA ☒

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

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 11/17/2023 11:19:05 AM

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

[illegible]

*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

HW 111

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

[illegible]

*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

December 12, 2024

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

RE: 2018-0351.2A-T200-LASALLE SPRINGS MS

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 **HL01108**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

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

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

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

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



SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order HL01108

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



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

ANALYTICAL RESULTS

Sample: HL01108-01

Name: LSMS-11R

Matrix: Drinking Water - Grab

Sampled: 11/27/24 19:14

Received: 12/03/24 16:50

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

Total Metals - PIA

Lead	< 1.00	ug/L		12/11/24 10:05	1	1.00	12/11/24 12:54	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



QC SAMPLE RESULTS

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



QC SAMPLE RESULTS

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



NOTES

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

* Not a TNI accredited analyte

Certifications

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

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

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

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

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

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

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

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

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

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

USEPA DMR-QA Program

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

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

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

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

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

Certified by: Chenise Lambert-Sykes, Project Manager



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

[illegible]

ENV-FRM-PEOR-0098 v02_Sample Condition Upon Receipt



Client Name: SCI Engineering

Work Order #: _____

Completed by Initials/Date: CRB 12-3-20 1650

Sample Intake Notes:

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

Client Notification/Resolution:

If checked, please see attached form for additional comments ☐

Person Contacted: _____

Date/Time: _____

Comments/Resolution: _____

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

April 03, 2024

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



Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: 2018-0351.2A T200

WorkOrder: 24040087

Dear Brian Lieb:

TEKLAB, INC received 1 sample on 4/1/2024 2:08:00 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,



Elizabeth A. Hurley
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

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

Client: SCI Engineering, Inc.

Work Order: 24040087

Client Project: 2018-0351.2A T200

Report Date: 03-Apr-24

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: 24040087

Client Project: 2018-0351.2A T200

Report Date: 03-Apr-24

Abbr Definition

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

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

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

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

DNI Did not ignite

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

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

IDPH IL Dept. of Public Health

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

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

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

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

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

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

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

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

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

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

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

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

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

TNTC Too numerous to count (> 200 CFU)

Client: SCI Engineering, Inc.

Work Order: 24040087

Client Project: 2018-0351.2A T200

Report Date: 03-Apr-24

Qualifiers

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



Case Narrative

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

Client: SCI Engineering, Inc.

Work Order: 24040087

Client Project: 2018-0351.2A T200

Report Date: 03-Apr-24

Cooler Receipt Temp: 24.1 °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415

Phone (217) 698-1004

Fax (217) 698-1005

Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515

Phone (630) 324-6855

Fax

Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214

Phone (913) 541-1998

Fax (913) 541-1998

Email jhriley@teklabinc.com

Client: SCI Engineering, Inc.**Work Order:** 24040087**Client Project:** 2018-0351.2A T200**Report Date:** 03-Apr-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

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

Client: SCI Engineering, Inc.

Work Order: 24040087

Client Project: 2018-0351.2A T200

Report Date: 03-Apr-24

Matrix: DRINKING WATER

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Lead									
24040087-001A	LSMS-22	NELAP		1.0	4.2	µg/L	1	04/03/2024 8:27	03/29/2024 17:08

Client: SCI Engineering, Inc.

Work Order: 24040087

Client Project: 2018-0351.2A T200

Report Date: 03-Apr-24

Carrier: John Duarte

Received By: LEH

Completed by:

On:

01-Apr-24

Paul Schultz

Reviewed by:

On:

01-Apr-24

Elizabeth A. Hurley

Pages to follow:

Chain of custody

1

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C **24.1**

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.

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

[illegible]

*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

UH 4/1/24