



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
Grover, Missouri 63040

RE: Lead in Drinking Water Report
Uthoff Valley Elementary School
1600 Uthoff Drive
Fenton, Missouri 63026
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 13 and August 13, 2023, and subsequent resampling conducted on July 7, 2025. The purpose of the sampling activities was to screen for elevated levels of lead in the drinking water at potable water sources throughout the above-referenced structure.

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

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

LIMITATIONS

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

During the course of performing the initial survey of the structure, SCI was able to sample all drinking water sources identified by the school district.

DRINKING WATER SURVEY

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

On July 13, and August 3, 2023, SCI initially collected 21 drinking water samples (UVES-1 through UVES-21) from various water fixtures located throughout the structure and submitted them for analytical testing. During this sampling event, 2 sample locations exceeded the action level (AL) of 5.0 micrograms lead per liter of water. These fixtures were taken out of service until remediation activities could be completed.

During SCI’s resampling event on July 7, 2025, 2 drinking water samples were collected from the fixtures which had previously exceeded the AL. During this resampling event, both fixtures were below the AL and were returned to service.

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

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

Table 1 – Lead in Drinking Water Results

Sample Number	Sample Location	Sample Description	Initial Result (ppb)	Resampling (ppb)
UVES-12	Gym	Water Fountain	6.04	<1.0
UVES-21	Room 17	Water Fountain Attached to Sink	5.1	<1.0

CONCLUSION AND RECOMMENDATIONS

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

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

- The test results and a summary that explains such results;
- A description of any remedial steps taken;

- A description of general health effects of lead contamination and community specific resources; and
- If there is not enough water to meet the drinking water needs of the students, teachers, and staff, bottled water shall be provided.

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

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

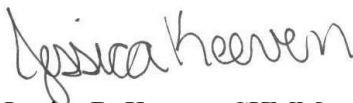
SCI appreciates the opportunity to be of service to you on this project. Please contact us if you have any questions or comments regarding the information provided.

Respectfully,

SCI ENGINEERING, INC.



Ethan D. Boyer
Staff Scientist



Jessica B. Keeven, CHMM
Environmental Services Manager

EDB/GBK/bmw

Enclosures

Lead Testing Results



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

August 21, 2023

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

RE: 2018-0351.2T-Uthoff Valley Elem

Dear Glenn Grissom:

Please find enclosed the analytical results for the **17** sample(s) the laboratory received on **7/19/23 3:30 pm** and logged in under work order **GG03450**. 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 GG03450

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



Case Narrative

Sample UVES-17 was missing from the COC, however, it was included on a separate page which was added.

This report was revised to include the missing COC page.



ANALYTICAL RESULTS

Sample: GG03450-01
Name: UVES- 01
Matrix: Drinking Water - Grab

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

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

Lead	< 1.00	ug/L		08/08/23 14:53	1	1.00	08/08/23 18:43	wjm	EPA 200.8 REV 5.4
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Sample: GG03450-02
Name: UVES - 02
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:24
Received: 07/19/23 15:30

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

Lead	< 1.00	ug/L		08/08/23 14:53	1	1.00	08/08/23 18:44	wjm	EPA 200.8 REV 5.4
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Sample: GG03450-03
Name: UVES - 03
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:25
Received: 07/19/23 15:30

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

Lead	< 1.00	ug/L		08/08/23 14:53	1	1.00	08/08/23 18:52	wjm	EPA 200.8 REV 5.4
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Sample: GG03450-04
Name: UVES - 04
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:35
Received: 07/19/23 15:30

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

Lead	1.48	ug/L		08/08/23 14:53	1	1.00	08/08/23 18:54	wjm	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03450-05
Name: UVES - 05
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:36

Received: 07/19/23 15:30

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

Lead	< 1.00	ug/L		08/08/23 14:53	1	1.00	08/08/23 18:56	wjm	EPA 200.8 REV 5.4
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Sample: GG03450-06
Name: UVES - 06
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:37

Received: 07/19/23 15:30

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

Lead	< 1.00	ug/L		08/08/23 14:53	1	1.00	08/08/23 18:57	wjm	EPA 200.8 REV 5.4
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Sample: GG03450-07
Name: UVES - 07
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:37

Received: 07/19/23 15:30

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

Lead	< 1.00	ug/L		08/08/23 14:53	1	1.00	08/08/23 18:59	wjm	EPA 200.8 REV 5.4
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Sample: GG03450-08
Name: UVES - 08
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:38

Received: 07/19/23 15:30

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

Lead	< 1.00	ug/L		08/08/23 14:53	1	1.00	08/08/23 19:00	wjm	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03450-09
Name: UVES - 09
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:39

Received: 07/19/23 15:30

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

Lead	< 1.00	ug/L		08/08/23 14:53	1	1.00	08/08/23 19:02	wjm	EPA 200.8 REV 5.4
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Sample: GG03450-10
Name: UVES - 10
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:39

Received: 07/19/23 15:30

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

Lead	1.24	ug/L		08/08/23 14:53	1	1.00	08/08/23 19:04	wjm	EPA 200.8 REV 5.4
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Sample: GG03450-11
Name: UVES - 11
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:44

Received: 07/19/23 15:30

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

Lead	< 1.00	ug/L		08/08/23 14:53	1	1.00	08/08/23 19:05	wjm	EPA 200.8 REV 5.4
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Sample: GG03450-12
Name: UVES - 12
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:45

Received: 07/19/23 15:30

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

Lead	6.04	ug/L		08/08/23 14:53	1	1.00	08/08/23 19:10	wjm	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03450-13
Name: UVES - 13
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:55

Received: 07/19/23 15:30

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

Lead	1.40	ug/L		08/09/23 13:18	1	1.00	08/09/23 13:34	BRS	EPA 200.8 REV 5.4
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Sample: GG03450-14
Name: UVES - 14
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:56

Received: 07/19/23 15:30

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

Lead	1.73	ug/L		08/09/23 13:18	1	1.00	08/09/23 13:36	BRS	EPA 200.8 REV 5.4
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Sample: GG03450-15
Name: UVES - 15
Matrix: Drinking Water - Grab

Sampled: 07/14/23 19:59

Received: 07/19/23 15:30

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

Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 13:37	BRS	EPA 200.8 REV 5.4
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Sample: GG03450-16
Name: UVES - 16
Matrix: Drinking Water - Grab

Sampled: 07/14/23 20:00

Received: 07/19/23 15:30

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

Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 13:39	BRS	EPA 200.8 REV 5.4
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Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

ANALYTICAL RESULTS

Sample: GG03450-17

Name: UVES - 17

Matrix: Drinking Water - Grab

Sampled: 07/14/23 20:01

Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<u>Total Metals - PIA</u>									
Lead	3.62	ug/L		08/09/23 13:18	1	1.00	08/09/23 13:40	BRS	EPA 200.8 REV 5.4



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<u>Batch B340678 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B340678-BLK1)				Prepared & Analyzed: 08/08/23					
Lead	< 1.00	ug/L							
LCS (B340678-BS1)				Prepared & Analyzed: 08/08/23					
Lead	53.8	ug/L		50.00		108	85-115		
Matrix Spike (B340678-MS1)				Prepared & Analyzed: 08/08/23					
Lead	50.8	ug/L		50.00	0.927	100	70-130		
Matrix Spike (B340678-MS2)				Prepared & Analyzed: 08/08/23					
Lead	48.7	ug/L		50.00	0.589	96	70-130		
Matrix Spike (B340678-MS3)				Prepared & Analyzed: 08/08/23					
Lead	54.8	ug/L		50.00	2.12	105	70-130		
Matrix Spike (B340678-MS4)				Prepared & Analyzed: 08/08/23					
Lead	54.7	ug/L		50.00	0.293	109	70-130		
Matrix Spike (B340678-MS5)				Prepared & Analyzed: 08/08/23					
Lead	54.1	ug/L		50.00	2.62	103	70-130		
Matrix Spike Dup (B340678-MSD1)				Prepared & Analyzed: 08/08/23					
Lead	53.3	ug/L		50.00	0.927	105	70-130	5	20
Matrix Spike Dup (B340678-MSD2)				Prepared & Analyzed: 08/08/23					
Lead	51.9	ug/L		50.00	0.589	103	70-130	7	20
Matrix Spike Dup (B340678-MSD3)				Prepared & Analyzed: 08/08/23					
Lead	51.5	ug/L		50.00	2.12	99	70-130	6	20
Matrix Spike Dup (B340678-MSD4)				Prepared & Analyzed: 08/08/23					
Lead	49.3	ug/L		50.00	0.293	98	70-130	11	20
Matrix Spike Dup (B340678-MSD5)				Prepared & Analyzed: 08/08/23					
Lead	52.0	ug/L		50.00	2.62	99	70-130	4	20
<u>Batch B340782 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B340782-BLK1)				Prepared & Analyzed: 08/09/23					
Lead	< 1.00	ug/L							
LCS (B340782-BS1)				Prepared & Analyzed: 08/09/23					
Lead	47.3	ug/L		50.00		95	85-115		
Matrix Spike (B340782-MS1)				Prepared & Analyzed: 08/09/23					
Lead	51.4	ug/L		50.00	0.595	102	70-130		
Matrix Spike (B340782-MS2)				Prepared & Analyzed: 08/09/23					
Lead	56.9	ug/L		50.00	1.33	111	70-130		
Matrix Spike (B340782-MS3)				Prepared & Analyzed: 08/09/23					
Lead	51.0	ug/L		50.00	0.334	101	70-130		
Matrix Spike (B340782-MS4)				Prepared & Analyzed: 08/09/23					
Lead	51.7	ug/L		50.00	0.161	103	70-130		
Matrix Spike (B340782-MS5)				Prepared & Analyzed: 08/09/23					
Lead	54.5	ug/L		50.00	3.02	103	70-130		
Matrix Spike (B340782-MS6)				Prepared & Analyzed: 08/09/23					
Lead	50.7	ug/L		50.00	0.190	101	70-130		
Matrix Spike (B340782-MS7)				Prepared & Analyzed: 08/09/23					
Lead	55.0	ug/L		50.00	0.407	109	70-130		



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (B340782-MS8)	Sample: GG03471-12			Prepared & Analyzed: 08/09/23					
Lead	104	ug/L		100.0	5.93	98	70-130		
Matrix Spike (B340782-MS9)	Sample: GG03476-03			Prepared & Analyzed: 08/09/23					
Lead	49.7	ug/L		50.00	0.539	98	70-130		
Matrix Spike (B340782-MSA)	Sample: GG03476-13			Prepared & Analyzed: 08/09/23					
Lead	52.0	ug/L		50.00	ND	104	70-130		
Matrix Spike (B340782-MSB)	Sample: GG03476-23			Prepared & Analyzed: 08/09/23					
Lead	51.7	ug/L		50.00	1.13	101	70-130		
Matrix Spike (B340782-MSC)	Sample: GG03476-33			Prepared & Analyzed: 08/09/23					
Lead	50.3	ug/L		50.00	ND	101	70-130		
Matrix Spike (B340782-MSD)	Sample: GG03490-06			Prepared & Analyzed: 08/09/23					
Lead	64.2	ug/L		50.00	14.3	100	70-130		
Matrix Spike Dup (B340782-MSD1)	Sample: GG03452-03			Prepared & Analyzed: 08/09/23					
Lead	53.5	ug/L		50.00	0.595	106	70-130	4	20
Matrix Spike Dup (B340782-MSD2)	Sample: GG03621-05			Prepared & Analyzed: 08/09/23					
Lead	54.8	ug/L		50.00	1.33	107	70-130	4	20
Matrix Spike Dup (B340782-MSD3)	Sample: GG03459-06			Prepared & Analyzed: 08/09/23					
Lead	50.0	ug/L		50.00	0.334	99	70-130	2	20
Matrix Spike Dup (B340782-MSD4)	Sample: GG03459-16			Prepared & Analyzed: 08/09/23					
Lead	54.6	ug/L		50.00	0.161	109	70-130	6	20
Matrix Spike Dup (B340782-MSD5)	Sample: GG03465-03			Prepared & Analyzed: 08/09/23					
Lead	52.8	ug/L		50.00	3.02	99	70-130	3	20
Matrix Spike Dup (B340782-MSD6)	Sample: GG03465-13			Prepared & Analyzed: 08/09/23					
Lead	49.8	ug/L		50.00	0.190	99	70-130	2	20
Matrix Spike Dup (B340782-MSD7)	Sample: GG03471-02			Prepared & Analyzed: 08/09/23					
Lead	54.1	ug/L		50.00	0.407	107	70-130	2	20
Matrix Spike Dup (B340782-MSD8)	Sample: GG03471-12			Prepared & Analyzed: 08/09/23					
Lead	103	ug/L		100.0	5.93	97	70-130	0.4	20
Matrix Spike Dup (B340782-MSD9)	Sample: GG03476-03			Prepared & Analyzed: 08/09/23					
Lead	56.1	ug/L		50.00	0.539	111	70-130	12	20
Matrix Spike Dup (B340782-MSDA)	Sample: GG03476-13			Prepared & Analyzed: 08/09/23					
Lead	52.4	ug/L		50.00	ND	105	70-130	0.8	20
Matrix Spike Dup (B340782-MSDB)	Sample: GG03476-23			Prepared & Analyzed: 08/09/23					
Lead	48.0	ug/L		50.00	1.13	94	70-130	7	20
Matrix Spike Dup (B340782-MSDC)	Sample: GG03476-33			Prepared & Analyzed: 08/09/23					
Lead	47.5	ug/L		50.00	ND	95	70-130	6	20
Matrix Spike Dup (B340782-MSDD)	Sample: GG03490-06			Prepared & Analyzed: 08/09/23					
Lead	69.6	ug/L		50.00	14.3	111	70-130	8	20
Matrix Spike Dup (B340782-MSDE)	Sample: GG03490-16			Prepared & Analyzed: 08/09/23					
Lead	51.4	ug/L		50.00	ND	103	70-130	4	20
Matrix Spike Dup (B340782-MSDF)	Sample: GG03490-26			Prepared & Analyzed: 08/09/23					
Lead	50.1	ug/L		50.00	0.362	100	70-130	7	20
Matrix Spike (B340782-MSE)	Sample: GG03490-16			Prepared & Analyzed: 08/09/23					
Lead	49.5	ug/L		50.00	ND	99	70-130		
Matrix Spike (B340782-MSF)	Sample: GG03490-26			Prepared & Analyzed: 08/09/23					
Lead	46.8	ug/L		50.00	0.362	93	70-130		



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

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 Uthoff Valley Elem		PURCHASE ORDER #		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY)	
ADDRESS 130 Point West Blvd		PHONE NUMBER (314) 581-7570		E-MAIL ggriissom@sciengineering.com		DATE SHIPPED		DW Pb Turb Check		LOGIN # <u>GG0345016</u>	
CITY St. Charles, MO 63301		SAMPLER (PLEASE PRINT) Kieran Kleinhenz		MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE NAS-NON AQUEOUS SOLID LCHT-LEACHATE OIL-OIL SO-SOIL SOL-SOLID		LOGGED BY: <u>SAB</u>					
CONTACT PERSON Glen Grissom		SAMPLER'S SIGNATURE <u>Kieran Kleinhenz</u>				CLIENT: SCI Engineering					
										PROJECT: Drinking Water Lead	
										PROJ. MGR.: Chenise Lambert-Sykes	
										CUSTODY SEAL #:	
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED			REMARKS
UVES-01		7/14/2023	1923	X		DW	1	6	X	X	
UVES-02		7/14/2023	1924	X		DW	1	6	X	X	
UVES-03		7/14/2023	1925	X		DW	1	6	X	X	
UVES-04		7/14/2023	1935	X		DW	1	6	X	X	
UVES-05		7/14/2023	1936	X		DW	1	6	X	X	
UVES-06		7/14/2023	1937	X		DW	1	6	X	X	
UVES-07		7/14/2023	1937	X		DW	1	6	X	X	
UVES-08		7/14/2023	1938	X		DW	1	6	X	X	
UVES-09		7/14/2023	1939	X		DW	1	6	X	X	
UVES-10		7/14/2023	1939	X		DW	1	6	X	X	
UVES-11		7/14/2023	1944	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 performance 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) <u>Kieran Kleinhenz</u>		DATE 7/17/23	TIME 8:30AM	RECEIVED BY: (SIGNATURE) <u>[Signature]</u>		DATE 7-19-23	TIME 1145	8 COMMENTS: (FOR LAB USE ONLY)			
RELINQUISHED BY: (SIGNATURE) <u>[Signature]</u>		DATE 7-19-23	TIME 1530	RECEIVED BY: (SIGNATURE) <u>[Signature]</u>		DATE	TIME	SAMPLE TEMPERATURE UPON RECEIPT °C			
RELINQUISHED BY: (SIGNATURE) <u>[Signature]</u>		DATE	TIME	RECEIVED BY: (SIGNATURE) <u>[Signature]</u>		DATE 7-20-23	TIME 15:30	CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N DATE AND TIME TAKEN FROM SAMPLE			

- 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.

STATE WHERE SAMPLE COLLECTED MO

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

Page 14 of 16

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

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

SERVING YOU IN THE FOLLOWING LOCATIONS

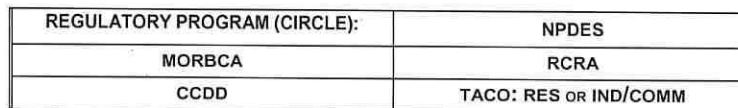
2231 W Altorfer Dr
Peoria, IL 61615
309-692-9688

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

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

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

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



STATE WHERE SAMPLE COLLECTED MO

Page 16 of 16



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-Uthoff Valley ES

Dear Glenn Grissom:

Please find enclosed the analytical results for the **4** sample(s) the laboratory received on **8/4/23 2:30 pm** and logged in under work order **GH01157**. 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 GH01157

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
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

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: GH01157-01
Name: UVES-18
Matrix: Drinking Water - Grab

Sampled: 08/03/23 17:28
Received: 08/04/23 14:30

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

Subcontracted Analysis - Pace Analytical - Ormond Beach

Lead	< 1	ug/L		08/03/23 17:28	1	1		PACE	EPA 200.8 REV 5.4
------	-----	------	--	----------------	---	---	--	------	-------------------

Sample: GH01157-02
Name: UVES-19
Matrix: Drinking Water - Grab

Sampled: 08/03/23 17:34
Received: 08/04/23 14:30

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

Subcontracted Analysis - Pace Analytical - Ormond Beach

Lead	< 1	ug/L		08/03/23 17:34	1	1		PACE	EPA 200.8 REV 5.4
------	-----	------	--	----------------	---	---	--	------	-------------------

Sample: GH01157-03
Name: UVES-20
Matrix: Drinking Water - Grab

Sampled: 08/03/23 17:36
Received: 08/04/23 14:30

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

Subcontracted Analysis - Pace Analytical - Ormond Beach

Lead	< 1	ug/L		08/03/23 17:36	1	1		PACE	EPA 200.8 REV 5.4
------	-----	------	--	----------------	---	---	--	------	-------------------

Sample: GH01157-04
Name: UVES-21
Matrix: Drinking Water - Grab

Sampled: 08/03/23 17:38
Received: 08/04/23 14:30

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

Subcontracted Analysis - Pace Analytical - Ormond Beach

Lead	5.1	ug/L		08/03/23 17:38	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

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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: GH01157
Pace Project No.: 35832656

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,

A handwritten signature in black ink that reads 'Bradley Smith'.

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

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: GH01157

Pace Project No.: 35832656

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

DoD-ANAB #: ADE-3199

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maine Certification #: FL01264

Maryland Certification: #346

Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: GH01157
Pace Project No.: 35832656

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35832656001	GH01157-01	EPA 200.8	BSL	1	PASI-O
35832656002	GH01157-02	EPA 200.8	BSL	1	PASI-O
35832656003	GH01157-03	EPA 200.8	BSL	1	PASI-O
35832656004	GH01157-04	EPA 200.8	BSL	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: GH01157
Pace Project No.: 35832656

Sample: GH01157-01		Lab ID: 35832656001	Collected: 08/03/23 17:28	Received: 10/05/23 16:30	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach						
Lead	ND	ug/L	1.0	1		10/12/23 20:04	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: GH01157
Pace Project No.: 35832656

Sample: GH01157-02		Lab ID: 35832656002	Collected: 08/03/23 17:34	Received: 10/05/23 16:30	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach						
Lead	ND	ug/L	1.0	1		10/12/23 20:06	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: GH01157
Pace Project No.: 35832656

Sample: GH01157-03		Lab ID: 35832656003		Collected: 08/03/23 17:36		Received: 10/05/23 16:30		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	ND	ug/L	1.0	1		10/12/23 20:07	7439-92-1		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: GH01157
Pace Project No.: 35832656

Sample: GH01157-04		Lab ID: 35832656004	Collected: 08/03/23 17:38	Received: 10/05/23 16:30	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach						
Lead	5.1	ug/L	1.0	1		10/12/23 20:08	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: GH01157

Pace Project No.: 35832656

QC Batch: 957627

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: 35832656001, 35832656002, 35832656003, 35832656004

METHOD BLANK: 5266425

Matrix: Water

Associated Lab Samples: 35832656001, 35832656002, 35832656003, 35832656004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	1.0	10/12/23 20:13	

LABORATORY CONTROL SAMPLE: 5266426

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.2	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5266421 5266422

Parameter	Units	35832476006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	50	50	50.0	49.5	100	99	70-130	1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5266423 5266424

Parameter	Units	35832656004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	5.1	50	50	55.3	56.4	100	103	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

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QUALIFIERS

Project: GH01157
Pace Project No.: 35832656

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GH01157
Pace Project No.: 35832656

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35832656001	GH01157-01	EPA 200.8	957627		
35832656002	GH01157-02	EPA 200.8	957627		
35832656003	GH01157-03	EPA 200.8	957627		
35832656004	GH01157-04	EPA 200.8	957627		

REPORT OF LABORATORY ANALYSIS

SUBCONTRACT ORDER
Transfer Chain of Custody
Pace Analytical Services, LLC
GH01157

WO# : 35832656



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: GH01157-01
Name: UVES-18

Sampled: 08/03/23 17:28
Matrix: Drinking Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	08/17/23 16:00	01/30/24 17:28	
01-Turb check	08/17/23 16:00	01/30/24 17:28	

Sample: GH01157-02
Name: UVES-19

Sampled: 08/03/23 17:34
Matrix: Drinking Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	08/17/23 16:00	01/30/24 17:34	
01-Turb check	08/17/23 16:00	01/30/24 17:34	

Sample: GH01157-03
Name: UVES-20

Sampled: 08/03/23 17:36
Matrix: Drinking Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	08/17/23 16:00	01/30/24 17:36	
01-Turb check	08/17/23 16:00	01/30/24 17:36	

Sample: GH01157-04
Name: UVES-21

Sampled: 08/03/23 17:38
Matrix: Drinking Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	08/17/23 16:00	01/30/24 17:38	
01-Turb check	08/17/23 16:00	01/30/24 17:38	

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

GH01157

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

Date Shipped: 10/2/23 Total # of Containers: 4 Sample Origin (State): _____ PO #: _____
Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time	Sample Temperature Upon Receipt	_____ °C
<u>Yusef Z. Ahmad</u>	<u>10/2/23</u>	<u>TSL/pace</u>	<u>10/5/23 1630</u>	Sample(s) Received on Ice	Y or N
				Proper Bottles Received in Good Condition	Y or N
				Bottles Filled with Adequate Volume	Y or N
				Samples Received Within Hold Time	Y or N
				Date/Time Taken From Sample Bottle	Y or N

Pace

Project #
Project Manager:
Client:

Sample Condition Upon Receipt Form (SCUR)

WO# : 35832656

PM: BTS

Due Date: 10/13/23

CLIENT: PACHAZ

Date and Initials of person:

Examining contents: My

Label: _____

Deliver: _____

pH: _____

Initials: JRS

Thermometer Used: T 409

Date: 10-5-23

Time: 1637

State of Origin: _____

☐ For WW projects, all containers verified to $\leq 5^{\circ}\text{C}$

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

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

Cooler #3 Temp. $^{\circ}\text{C}$ 23.9 (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 # 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

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

Sufficient Volume. ☐ Yes ☐ No ☐ N/A

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

Containers Intact. ☐ Yes ☐ No ☐ N/A

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

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

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

Preservation Information

Preservative: _____

Date: _____

Lot / Trace: _____

Time: _____

Amount added (mL): _____

Initials: _____

Comments / Resolutions (use back for additional comments):

Cooler #14, 23.6, cooler #15, 25.1
All containers arrived in 500mL Co

Pace

Sample Condition Upon Receipt Form (SCUR)

Project #
Project Manager:
Client:

Date and Initials of person:

Examining contents: _____

Label: _____

Deliver: _____

pH: _____

Thermometer Used: T 409

Date: 10-5-23

Time: 1637

Initials: JRS

State of Origin: _____

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

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

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

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

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

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

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

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

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

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

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

Tracking # _____

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

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

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

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

Shorted Date: _____

Shorted Time: _____

Bottle Quantity / Type: _____

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

Comments / Resolutions (use back for additional comments):

All Samples Arrived In 500mL Containers
SCUR continued

Pace

Sample Condition Upon Receipt Form (SCUR)

Date and Initials of person:

Examining contents: _____

Label: _____

Deliver: _____

pH: _____

Initials: JRS

Project #

Project Manager:

Client:

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) tail (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)

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 + 0.1 23.5

All Samples arrived in 500mL containers.
SCUR Continued



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

July 24, 2025

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

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

Dear Glenn Grissom:

Please find enclosed the analytical results for the **2** sample(s) the laboratory received on **7/10/25 4:30 pm** and logged in under work order **IG02341**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

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

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

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

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



ANALYTICAL RESULTS

Sample: IG02341-01
Name: UVES - 12R
Matrix: Drinking Water - Grab

Sampled: 07/07/25 23:16
Received: 07/10/25 16:30

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

Lead	< 1.00	ug/L		07/22/25 06:52	1	1.00	07/22/25 10:43	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: IG02341-02
Name: UVES - 21R
Matrix: Drinking Water - Grab

Sampled: 07/07/25 23:20
Received: 07/10/25 16:30

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

Total Metals - PIA

Lead	< 1.00	ug/L		07/22/25 06:52	1	1.00	07/22/25 10:47	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 B538313 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B538313-BLK1)				Prepared & Analyzed: 07/22/25					
Lead	< 1.00	ug/L							
LCS (B538313-BS1)				Prepared & Analyzed: 07/22/25					
Lead	52.8	ug/L		50.00		106	85-115		
Matrix Spike (B538313-MS1)				Prepared & Analyzed: 07/22/25					
Lead	59.9	ug/L		50.00	2.37	115	70-130		
Matrix Spike (B538313-MS2)				Prepared & Analyzed: 07/22/25					
Lead	55.6	ug/L		50.00	0.618	110	70-130		
Matrix Spike (B538313-MS3)				Prepared & Analyzed: 07/22/25					
Lead	52.4	ug/L		50.00	0.0260	105	70-130		
Matrix Spike (B538313-MS4)				Prepared & Analyzed: 07/22/25					
Lead	52.8	ug/L		50.00	1.51	103	70-130		
Matrix Spike (B538313-MS5)				Prepared & Analyzed: 07/22/25					
Lead	51.4	ug/L		50.00	0.146	103	70-130		
Matrix Spike (B538313-MS6)				Prepared & Analyzed: 07/22/25					
Lead	50.4	ug/L		50.00	0.613	100	70-130		
Matrix Spike (B538313-MS7)				Prepared & Analyzed: 07/22/25					
Lead	53.9	ug/L		50.00	3.03	102	70-130		
Matrix Spike (B538313-MS8)				Prepared & Analyzed: 07/22/25					
Lead	59.9	ug/L		50.00	8.98	102	70-130		
Matrix Spike (B538313-MS9)				Prepared & Analyzed: 07/22/25					
Lead	58.7	ug/L		50.00	6.18	105	70-130		
Matrix Spike (B538313-MSA)				Prepared & Analyzed: 07/22/25					
Lead	49.9	ug/L		50.00	ND	100	70-130		
Matrix Spike (B538313-MSB)				Prepared & Analyzed: 07/22/25					
Lead	53.5	ug/L		50.00	ND	107	70-130		
Matrix Spike (B538313-MSC)				Prepared & Analyzed: 07/22/25					
Lead	55.2	ug/L		50.00	0.455	109	70-130		
Matrix Spike (B538313-MSD)				Prepared & Analyzed: 07/22/25					
Lead	51.1	ug/L		50.00	0.538	101	70-130		
Matrix Spike Dup (B538313-MSD1)				Prepared & Analyzed: 07/22/25					
Lead	56.9	ug/L		50.00	2.37	109	70-130	5	20
Matrix Spike Dup (B538313-MSD2)				Prepared & Analyzed: 07/22/25					
Lead	54.0	ug/L		50.00	0.618	107	70-130	3	20
Matrix Spike Dup (B538313-MSD3)				Prepared & Analyzed: 07/22/25					
Lead	53.3	ug/L		50.00	0.0260	107	70-130	2	20
Matrix Spike Dup (B538313-MSD4)				Prepared & Analyzed: 07/22/25					
Lead	52.3	ug/L		50.00	1.51	102	70-130	1	20
Matrix Spike Dup (B538313-MSD5)				Prepared & Analyzed: 07/22/25					
Lead	52.1	ug/L		50.00	0.146	104	70-130	1	20
Matrix Spike Dup (B538313-MSD6)				Prepared & Analyzed: 07/22/25					
Lead	48.2	ug/L		50.00	0.613	95	70-130	5	20
Matrix Spike Dup (B538313-MSD7)				Prepared & Analyzed: 07/22/25					
Lead	53.1	ug/L		50.00	3.03	100	70-130	2	20



QC SAMPLE RESULTS

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



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QC SAMPLE RESULTS

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



NOTES

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

* Not a TNI accredited analyte

Certifications

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

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

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

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

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

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

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

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

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

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

USEPA DMR-QA Program

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

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

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

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

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



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

