



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
Kehrs Mill Elementary School
2650 Kehrs Mill Road
Chesterfield, 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 11, 2023 and subsequent resampling conducted on December 13, 2023, June 20 and November 27, 2024, July 7, 2025, and March 20, 2026. 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 sampling of the fixtures within the building, SCI was able to sample all drinking water sources identified by the school district.

DRINKING WATER SURVEY

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

On July 11, 2023, SCI initially collected 21 drinking water samples (KMES-1 through KMES-21) from various water fixtures located throughout the structure and submitted them for analytical testing. During this sampling event, 7 sample locations exceeded the action level (AL) of 5.0 micrograms lead per liter of water. These fixtures were taken out of service until remediation activities could be completed.

During SCI’s resampling event on December 13, 2023, 14 drinking water samples were collected from the fixtures that exceeded 5.0 micrograms lead per liter of water. In addition to the first draw samples, SCI also collected second draw samples during the resampling event. The second draw sample was collected after the first draw sample and consisted of flushing the fixture for approximately 30 seconds and then collecting the sample. The purpose of the second draw sample is to aid in pinpointing any potential lead contamination and determine appropriate remediation. During this resample event, 3 fixtures were below the AL and were returned to service. One fixture was removed from use. The remaining fixtures were above the AL, and further remediation activities were recommended.

During SCI’s resampling event on June 20, 2024, the remaining three fixtures that previously exceeded the AL were retested. During this sampling event, two of the fixtures were under the AL and were returned to service. The remaining fixture was above the AL, and further remediation activities were recommended.

During SCI’s resampling events on November 27, 2024, and July 7, 2025, the remaining fixture which previously exceeded the AL was retested. During both resampling events, the fixture was still above the AL, and further remediation activities were recommended.

During the resampling event on March 20, 2026, the remaining fixture that had previously exceeded the AL was retested. 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. The drinking water samples were analyzed for total lead by U.S. EPA Method 200.8. SCI collected a minimum of 250 milliliters of water from each location. Sampled water was containerized in laboratory-provided sample containers and shipped to the 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, enclosed. 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.

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.

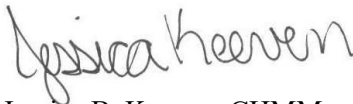
SCI appreciates the opportunity to be of service to you on this project. Please contact us if you have any questions or comments regarding the information provided.

Respectfully,

SCI ENGINEERING, INC.



Ethan D. Boyer
Staff Scientist



Jessica B. Keeven, CHMM
Environmental Services Manager

EDB/GBK/bmw

Enclosures

Lead Testing Results

Table 1 - Lead in Drinking Water Results



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

August 15, 2023

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

RE: 2018-0351.2T-Kehrs Mill Elem

Dear Glenn Grissom:

Please find enclosed the analytical results for the **21** sample(s) the laboratory received on **7/19/23 3:30 pm** and logged in under work order **GG03465**. 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 GG03465

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: GG03465-01
Name: KMES - 01
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:19
Received: 07/19/23 15:30

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

Lead	1.23	ug/L		08/09/23 13:18	1	1.00	08/09/23 15:22	BRS	EPA 200.8 REV 5.4
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Sample: GG03465-02
Name: KMES - 02
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:21
Received: 07/19/23 15:30

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

Lead	6.97	ug/L		08/08/23 13:02	1	1.00	08/14/23 16:41	KMC	EPA 200.8 REV 5.4
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Sample: GG03465-03
Name: KMES - 03
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:22
Received: 07/19/23 15:30

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

Lead	3.02	ug/L		08/09/23 13:18	1	1.00	08/09/23 15:24	BRS	EPA 200.8 REV 5.4
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Sample: GG03465-04
Name: KMES - 04
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:23
Received: 07/19/23 15:30

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

Lead	3.30	ug/L		08/09/23 13:18	1	1.00	08/09/23 15:29	BRS	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03465-05
Name: KMES - 05
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:24

Received: 07/19/23 15:30

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

Lead	6.67	ug/L		08/09/23 13:18	1	1.00	08/09/23 15:30	BRS	EPA 200.8 REV 5.4
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Sample: GG03465-06
Name: KMES - 06
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:25

Received: 07/19/23 15:30

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

Lead	90.4	ug/L		08/09/23 13:18	1	1.00	08/09/23 15:32	BRS	EPA 200.8 REV 5.4
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Sample: GG03465-07
Name: KMES - 07
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:38

Received: 07/19/23 15:30

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

Lead	12.1	ug/L		08/09/23 13:18	1	1.00	08/09/23 15:40	BRS	EPA 200.8 REV 5.4
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Sample: GG03465-08
Name: KMES - 08
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:40

Received: 07/19/23 15:30

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

Lead	5.34	ug/L		08/08/23 13:02	1	1.00	08/14/23 16:43	KMC	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03465-09
Name: KMES - 09
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:46

Received: 07/19/23 15:30

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

Lead	6.12	ug/L		08/08/23 13:02	1	1.00	08/14/23 16:44	KMC	EPA 200.8 REV 5.4
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Sample: GG03465-10
Name: KMES - 10
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:48

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 15:44	BRS	EPA 200.8 REV 5.4
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Sample: GG03465-11
Name: KMES - 11
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:49

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 15:46	BRS	EPA 200.8 REV 5.4
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Sample: GG03465-12
Name: KMES - 12
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:50

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 15:48	BRS	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03465-13
Name: KMES - 13
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:56

Received: 07/19/23 15:30

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

Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 15:49	BRS	EPA 200.8 REV 5.4
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Sample: GG03465-14
Name: KMES - 14
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:58

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 15:54	BRS	EPA 200.8 REV 5.4
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Sample: GG03465-15
Name: KMES - 15
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:35

Received: 07/19/23 15:30

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

Lead	< 1.00	ug/L		08/09/23 13:18	1	1.00	08/09/23 15:58	BRS	EPA 200.8 REV 5.4
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Sample: GG03465-16
Name: KMES - 16
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:29

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 16:00	BRS	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GG03465-17
Name: KMES - 17
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:30

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 16:02	BRS	EPA 200.8 REV 5.4
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Sample: GG03465-18
Name: KMES - 18
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:31

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 16:03	BRS	EPA 200.8 REV 5.4
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Sample: GG03465-19
Name: KMES - 19
Matrix: Drinking Water - Grab

Sampled: 07/14/23 16:42

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 13:02	1	1.00	08/14/23 16:46	KMC	EPA 200.8 REV 5.4
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Sample: GG03465-20
Name: KMES - 20
Matrix: Drinking Water - Grab

Sampled: 07/11/23 20:59

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 16:05	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: GG03465-21

Name: KMES - 21

Matrix: Drinking Water - Grab

Sampled: 07/14/23 16:47

Received: 07/19/23 15:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<u>Total Metals - PIA</u>									
Lead	7.29	ug/L		08/08/23 13:02	1	1.00	08/14/23 16:51	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 B340655 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B340655-BLK1)				Prepared: 08/08/23 Analyzed: 08/14/23					
Lead	< 1.11	ug/L							
LCS (B340655-BS1)				Prepared: 08/08/23 Analyzed: 08/14/23					
Lead	560	ug/L		555.6		101	85-115		
Matrix Spike (B340655-MS1)				Sample: GG03325-03 Prepared: 08/08/23 Analyzed: 08/14/23					
Lead	1070	ug/L		555.6	5.50	192	70-130		
Matrix Spike (B340655-MS2)				Sample: GG03493-01 Prepared: 08/08/23 Analyzed: 08/14/23					
Lead	571	ug/L		555.6	0.742	103	70-130		
Matrix Spike Dup (B340655-MSD1)				Sample: GG03325-03 Prepared: 08/08/23 Analyzed: 08/14/23					
Lead	562	ug/L		555.6	5.50	100	70-130	62	20
Matrix Spike Dup (B340655-MSD2)				Sample: GG03493-01 Prepared: 08/08/23 Analyzed: 08/14/23					
Lead	565	ug/L		555.6	0.742	102	70-130	1	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)				Sample: GG03452-03 Prepared & Analyzed: 08/09/23					
Lead	51.4	ug/L		50.00	0.595	102	70-130		
Matrix Spike (B340782-MS2)				Sample: GG03621-05 Prepared & Analyzed: 08/09/23					
Lead	56.9	ug/L		50.00	1.33	111	70-130		
Matrix Spike (B340782-MS3)				Sample: GG03459-06 Prepared & Analyzed: 08/09/23					
Lead	51.0	ug/L		50.00	0.334	101	70-130		
Matrix Spike (B340782-MS4)				Sample: GG03459-16 Prepared & Analyzed: 08/09/23					
Lead	51.7	ug/L		50.00	0.161	103	70-130		
Matrix Spike (B340782-MS5)				Sample: GG03465-03 Prepared & Analyzed: 08/09/23					
Lead	54.5	ug/L		50.00	3.02	103	70-130		
Matrix Spike (B340782-MS6)				Sample: GG03465-13 Prepared & Analyzed: 08/09/23					
Lead	50.7	ug/L		50.00	0.190	101	70-130		
Matrix Spike (B340782-MS7)				Sample: GG03471-02 Prepared & Analyzed: 08/09/23					
Lead	55.0	ug/L		50.00	0.407	109	70-130		
Matrix Spike (B340782-MS8)				Sample: GG03471-12 Prepared & Analyzed: 08/09/23					
Lead	104	ug/L		100.0	5.93	98	70-130		
Matrix Spike (B340782-MS9)				Sample: GG03476-03 Prepared & Analyzed: 08/09/23					
Lead	49.7	ug/L		50.00	0.539	98	70-130		
Matrix Spike (B340782-MSA)				Sample: GG03476-13 Prepared & Analyzed: 08/09/23					
Lead	52.0	ug/L		50.00	ND	104	70-130		
Matrix Spike (B340782-MSB)				Sample: GG03476-23 Prepared & Analyzed: 08/09/23					
Lead	51.7	ug/L		50.00	1.13	101	70-130		
Matrix Spike (B340782-MSC)				Sample: GG03476-33 Prepared & Analyzed: 08/09/23					
Lead	50.3	ug/L		50.00	ND	101	70-130		
Matrix Spike (B340782-MSD)				Sample: GG03490-06 Prepared & Analyzed: 08/09/23					
Lead	64.2	ug/L		50.00	14.3	100	70-130		



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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

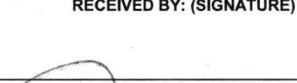
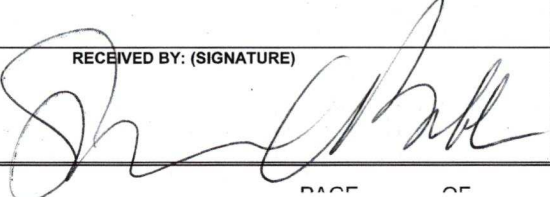


REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

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 Kehrs Mill Elem		PURCHASE ORDER #		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY) LOGIN # <u>GG03465</u> LOGGED BY: <u>SAB</u> CLIENT: SCI Engineering PROJECT: Drinking Water Lead PROJ. MGR.: Chenise Lambert-Sykes CUSTODY SEAL #:	
ADDRESS 130 Point West Blvd		PHONE NUMBER (314) 581-7570		E-MAIL ggriessom@sciengineering.com		DATE SHIPPED					
CITY STATE ZIP St. Charles, MO 63301		SAMPLER (PLEASE PRINT) Kieran Kleinhenz		MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE NAS-NON AQUEOUS SOLID LCHT-LEACHATE OIL-OIL SO-SOIL SOL-SOLID							
CONTACT PERSON Glen Grissom		SAMPLER'S SIGNATURE 									
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	DW Pb	Turb Check	REMARKS	
KMES-1		7/11/2023	2019	X		DW	1	6	X	X	
KMES-2		7/11/2023	2021	X		DW	1	6	X	X	
KMES-3		7/11/2023	2022	X		DW	1	6	X	X	
KMES-4		7/11/2023	2023	X		DW	1	6	X	X	
KMES-5		7/11/2023	2024	X		DW	1	6	X	X	
KMES-6		7/11/2023	2025	X		DW	1	6	X	X	
KMES-7		7/11/2023	2038	X		DW	1	6	X	X	
KMES-8		7/11/2023	2040	X		DW	1	6	X	X	
KMES-9		7/11/2023	2046	X		DW	1	6	X	X	
KMES-10		7/11/2023	2048	X		DW	1	6	X	X	
KMES-11		7/11/2023	2049	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		EMAIL IF DIFFERENT FROM ABOVE:			PHONE # IF DIFFERENT FROM ABOVE:		PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)				
7 RELINQUISHED BY: (SIGNATURE) 		DATE 7/12/23	RECEIVED BY: (SIGNATURE) 			DATE 7-19-23	8 COMMENTS: (FOR LAB USE ONLY)				
RELINQUISHED BY: (SIGNATURE) 		TIME 4:45	RECEIVED BY: (SIGNATURE) 			TIME 1145	SAMPLE TEMPERATURE UPON RECEIPT °C				
RELINQUISHED BY: (SIGNATURE)		DATE 7-19-23	RECEIVED BY: (SIGNATURE) 			DATE 7-12-23	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				
RELINQUISHED BY: (SIGNATURE)		TIME 1530	RECEIVED BY: (SIGNATURE)			TIME 15:30	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.

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 Kehrs Mill Elem		PURCHASE ORDER #		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY) LOGIN # <u>GG03465</u> LOGGED BY: <u>SNB</u> 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					
CITY STATE ZIP St. Charles, MO 63301		SAMPLER (PLEASE PRINT) Kieran Kleinhenz		SAMPLER'S SIGNATURE <i>Kieran Kleinhenz</i>		MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE NAS-NON AQUEOUS SOLID LCHT-LEACHATE OIL-OIL SO-SOIL SOL-SOLID		DW Pb Turb Check			
CONTACT PERSON Glen Grissom											
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	
KMES-12		7/11/2023		2050		X		DW		1 6 X X	
KMES-13		7/11/2023		2056		X		DW		1 6 X X	
KMES-14		7/11/2023		2058		X		DW		1 6 X X	
KMES-15		7/11/2023		2035		X		DW		1 6 X X	
KMES-16		7/11/2023		2029		X		DW		1 6 X X	
KMES-17		7/11/2023		2030		X		DW		1 6 X X	
KMES-18		7/11/2023		2031		X		DW		1 6 X X	
KMES-19		7/14/2023		1642		X		DW		1 6 X X	
KMES-20		7/11/2023		2059		X		DW		1 6 X X	
KMES-21		7/14/2023		1647		X		DW		1 6 X X	
						X		DW		1 6 X X	
CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3-HNO3 4-NAOH 5-NA2S2O3 6-UNPRESERVED 7-OTHER											
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7 RELINQUISHED BY: (SIGNATURE) <i>Kieran Kleinhenz</i>		DATE 7/17/23 TIME 8:30AM		RECEIVED BY: (SIGNATURE) <i>[Signature]</i>				DATE 7-19-23 TIME 1145		8 COMMENTS: (FOR LAB USE ONLY)	
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>		DATE 7-19-23 TIME 1530		RECEIVED BY: (SIGNATURE) <i>[Signature]</i>				DATE TIME		SAMPLE TEMPERATURE UPON RECEIPT _____ °C	
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>		DATE TIME		RECEIVED BY: (SIGNATURE) <i>[Signature]</i>				DATE 7-12-23 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 BOTTLE _____	

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- Any custody seal intact
- Properly preserved, and
- No headspace in volatile water samples

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

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

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

December 20, 2023

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



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

RE: Kehrs Mill 2018-0351.2A

WorkOrder: 23121084

Dear Brian Lieb:

TEKLAB, INC received 14 samples on 12/13/2023 3:15:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



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



Report Contents

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

Client: SCI Engineering, Inc.

Work Order: 23121084

Client Project: Kehrs Mill 2018-0351.2A

Report Date: 20-Dec-23

This reporting package includes the following:

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

Client: SCI Engineering, Inc.

Work Order: 23121084

Client Project: Kehrs Mill 2018-0351.2A

Report Date: 20-Dec-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: 23121084

Client Project: Kehrs Mill 2018-0351.2A

Report Date: 20-Dec-23

Qualifiers

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



Case Narrative

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

Client: SCI Engineering, Inc.

Work Order: 23121084

Client Project: Kehrs Mill 2018-0351.2A

Report Date: 20-Dec-23

Cooler Receipt Temp: N/A °C

Locations

Collinsville

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

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:** 23121084**Client Project:** Kehrs Mill 2018-0351.2A**Report Date:** 20-Dec-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

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

Client: SCI Engineering, Inc.

Work Order: 23121084

Client Project: Kehrs Mill 2018-0351.2A

Report Date: 20-Dec-23

Matrix: DRINKING WATER

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Lead									
23121084-001A	KMES-2R	NELAP		1.0	< 1.0	µg/L	5	12/20/2023 10:46	12/13/2023 13:13
23121084-002A	KMES-2 (2nd)	NELAP		1.0	< 1.0	µg/L	1	12/18/2023 16:29	12/13/2023 1:14
23121084-003A	KMES-5R	NELAP		1.0	5.5	µg/L	5	12/20/2023 10:50	12/13/2023 1:16
23121084-004A	KMES-5 (2nd)	NELAP		1.0	< 1.0	µg/L	1	12/18/2023 16:34	12/13/2023 1:17
23121084-005A	KMES-6R	NELAP		1.0	14.9	µg/L	1	12/18/2023 17:23	12/13/2023 1:18
23121084-006A	KMES-6 (2nd)	NELAP		1.0	< 1.0	µg/L	1	12/18/2023 17:27	12/13/2023 1:19
23121084-007A	KMES-7R	NELAP		1.0	42.4	µg/L	5	12/20/2023 11:22	12/13/2023 1:26
23121084-008A	KMES-7 (2nd)	NELAP		1.0	< 1.0	µg/L	1	12/18/2023 17:56	12/13/2023 1:27
23121084-009A	KMES-8R	NELAP		1.0	< 1.0	µg/L	1	12/18/2023 17:32	12/13/2023 1:29
23121084-010A	KMES-8 (2nd)	NELAP		1.0	< 1.0	µg/L	1	12/18/2023 17:36	12/13/2023 1:30
23121084-011A	KMES-9R	NELAP		1.0	< 1.0	µg/L	1	12/18/2023 18:25	12/13/2023 1:32
23121084-012A	KMES-9 (2nd)	NELAP		1.0	< 1.0	µg/L	1	12/18/2023 18:30	12/13/2023 1:33
23121084-013A	KMES-21R	NELAP		1.0	146	µg/L	5	12/20/2023 11:26	12/13/2023 1:21
23121084-014A	KMES-21 (2nd)	NELAP		1.0	5.5	µg/L	1	12/18/2023 18:34	12/13/2023 1:22



Receiving Check List

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

Client: SCI Engineering, Inc.

Work Order: 23121084

Client Project: Kehrs Mill 2018-0351.2A

Report Date: 20-Dec-23

Carrier: Employee

Received By: MEK

Completed by:

Reviewed by:

On:

On:

13-Dec-23

14-Dec-23

Lindsey Maddox

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. - lmaddox - 12/13/2023 5:36:16 PM

CHAIN OF CUSTODY

Pg 1 of 2 Workorder # 23121084

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

Client: <u>SCI Engineering</u> Address: <u>130 Point West Blvd</u> City/State/Zip: <u>63301</u> Contact: <u>Brian Lieb</u> Phone: _____ Email: <u>bleib@sciengineering.com</u> Fax: _____				Samples on: ☐ ICE ☐ BLUE ICE ☒ NO ICE <u>NA</u> °C Preserved in: ☐ LAB ☐ FIELD <u>FOR LAB USE ONLY</u> LAB NOTES: _____																																									
Are these samples known to be involved in litigation? If yes, a surcharge will apply: ☐ Yes ☒ No Are these samples known to be hazardous? ☐ Yes ☒ No Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section: ☐ Yes ☒ No				Client Comments: ONE DAY TURNAROUND <u>Spec reporting limit</u>																																									
PROJECT NAME/NUMBER <u>Kehrs Mill 2018-0351.2A</u>		SAMPLE COLLECTOR'S NAME <u>Kieran Kleinhertz</u>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="10"># and Type of Containers</th> <th colspan="10">INDICATE ANALYSIS REQUESTED</th> </tr> <tr> <th>UNP</th><th>HNO3</th><th>NaOH</th><th>H2SO4</th><th>HCL</th><th>MeOH</th><th>NaHSO4</th><th>TSP</th><th>Other</th><th>Total Lead</th> <th>Turbidity Check</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th> </tr> </table>		# and Type of Containers										INDICATE ANALYSIS REQUESTED										UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	Total Lead	Turbidity Check									
# and Type of Containers										INDICATE ANALYSIS REQUESTED																																			
UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	Total Lead	Turbidity Check																																			
RESULTS REQUESTED ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other _____ ☐ 3 Day (50% Surcharge)		BILLING INSTRUCTIONS _____																																											
Lab Use Only	Sample ID	Date/Time Sampled	Matrix																																										
	23121084-001	KMES-2R	12/13/23 01:13	Aqueous																																									
	-002	KMES-2 (2nd)	12/13/23 01:14	Aqueous																																									
	-003	KMES-5R	12/13/23 01:16	Aqueous																																									
	-004	KMES-5 (2nd)	12/13/23 01:17	Aqueous																																									
	-005	KMES-6R	12/13/23 01:18	Aqueous																																									
	-006	KMES-6 (2nd)	12/13/23 01:19	Aqueous																																									
	-007	KMES-7R	12/13/23 01:26	Aqueous																																									
	-008	KMES-7 (2nd)	12/13/23 01:27	Aqueous																																									
	-009	KMES-8R	12/13/23 01:29	Aqueous																																									
	-010	KMES-8 (2nd)	12/13/23 01:30	Aqueous																																									
	-011	KMES-9R	12/13/23 01:32	Aqueous																																									

Relinquished By		Date/Time	Received By		Date/Time
<u>Kieran Kleinhertz</u>		<u>12/13/23 15:15</u>	<u>Mary Kemp</u>		<u>12/13/23 15:15</u>

*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

CHAIN OF CUSTODY

Pg 2 of 2 Workorder # 23121084

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

July 02, 2024

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

RE: 2018-0351.2A-Kehrs Mill Elem

Dear Glenn Grissom:

Please find enclosed the analytical results for the **3** sample(s) the laboratory received on **6/25/24 4:00 pm** and logged in under work order **HF04440**. 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 HF04440

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



ANALYTICAL RESULTS

Sample: HF04440-01
Name: KMES-5R2
Matrix: Drinking Water - Grab

Sampled: 06/20/24 00:14
Received: 06/25/24 16:00

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

Lead	1.26	ug/L		07/01/24 08:59	1	1.00	07/01/24 13:43	BRS	EPA 200.8 REV 5.4
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Sample: HF04440-02
Name: KMES-6R2
Matrix: Drinking Water - Grab

Sampled: 06/20/24 00:14
Received: 06/25/24 16:00

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

Lead	6.09	ug/L		07/01/24 08:59	1	1.00	07/01/24 13:44	BRS	EPA 200.8 REV 5.4
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Sample: HF04440-03
Name: KMES-7R2
Matrix: Drinking Water - Grab

Sampled: 06/20/24 00:11
Received: 06/25/24 16:00

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

Lead	< 1.00	ug/L		07/01/24 08:59	1	1.00	07/01/24 13:45	BRS	EPA 200.8 REV 5.4
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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<u>Batch B436968 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B436968-BLK1)				Prepared & Analyzed: 07/01/24					
Lead	< 1.00	ug/L							
LCS (B436968-BS1)				Prepared & Analyzed: 07/01/24					
Lead	52.9	ug/L		50.00		106	85-115		
Matrix Spike (B436968-MS1)				Prepared & Analyzed: 07/01/24					
Lead	57.1	ug/L		50.00	2.08	110	70-130		
Matrix Spike (B436968-MS2)				Prepared & Analyzed: 07/01/24					
Lead	54.4	ug/L		50.00	0.865	107	70-130		
Matrix Spike (B436968-MS3)				Prepared & Analyzed: 07/01/24					
Lead	54.0	ug/L		50.00	0.0540	108	70-130		
Matrix Spike (B436968-MS4)				Prepared & Analyzed: 07/01/24					
Lead	54.9	ug/L		50.00	0.0540	110	70-130		
Matrix Spike (B436968-MS5)				Prepared & Analyzed: 07/01/24					
Lead	60.6	ug/L		50.00	4.42	112	70-130		
Matrix Spike (B436968-MS6)				Prepared & Analyzed: 07/01/24					
Lead	56.7	ug/L		50.00	0.911	112	70-130		
Matrix Spike (B436968-MS7)				Prepared & Analyzed: 07/01/24					
Lead	57.0	ug/L		50.00	0.255	114	70-130		
Matrix Spike (B436968-MS9)				Prepared & Analyzed: 07/01/24					
Lead	85.6	ug/L		50.00	30.3	111	70-130		
Matrix Spike (B436968-MSA)				Prepared & Analyzed: 07/01/24					
Lead	109	ug/L		50.00	53.8	109	70-130		
Matrix Spike (B436968-MSB)				Prepared & Analyzed: 07/01/24					
Lead	56.6	ug/L		50.00	0.769	112	70-130		
Matrix Spike (B436968-MSC)				Prepared & Analyzed: 07/01/24					
Lead	88.6	ug/L		50.00	32.8	112	70-130		
Matrix Spike (B436968-MSD)				Prepared & Analyzed: 07/01/24					
Lead	53.4	ug/L		50.00	0.367	106	70-130		
Matrix Spike Dup (B436968-MSD1)				Prepared & Analyzed: 07/01/24					
Lead	56.7	ug/L		50.00	2.08	109	70-130	0.7	20
Matrix Spike Dup (B436968-MSD2)				Prepared & Analyzed: 07/01/24					
Lead	54.6	ug/L		50.00	0.865	107	70-130	0.4	20
Matrix Spike Dup (B436968-MSD3)				Prepared & Analyzed: 07/01/24					
Lead	54.6	ug/L		50.00	0.0540	109	70-130	1	20
Matrix Spike Dup (B436968-MSD4)				Prepared & Analyzed: 07/01/24					
Lead	54.3	ug/L		50.00	0.0540	108	70-130	1	20
Matrix Spike Dup (B436968-MSD5)				Prepared & Analyzed: 07/01/24					
Lead	60.5	ug/L		50.00	4.42	112	70-130	0.3	20
Matrix Spike Dup (B436968-MSD6)				Prepared & Analyzed: 07/01/24					
Lead	57.8	ug/L		50.00	0.911	114	70-130	2	20
Matrix Spike Dup (B436968-MSD7)				Prepared & Analyzed: 07/01/24					
Lead	56.4	ug/L		50.00	0.255	112	70-130	1	20
Matrix Spike Dup (B436968-MSD9)				Prepared & Analyzed: 07/01/24					
Lead	86.8	ug/L		50.00	30.3	113	70-130	1	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B436968-MSDA)	Sample: HF04545-02			Prepared & Analyzed: 07/01/24					
Lead	107	ug/L		50.00	53.8	107	70-130	1	20
Matrix Spike Dup (B436968-MSDB)	Sample: HF04547-06			Prepared & Analyzed: 07/01/24					
Lead	56.8	ug/L		50.00	0.769	112	70-130	0.4	20
Matrix Spike Dup (B436968-MSDC)	Sample: HF04548-08			Prepared & Analyzed: 07/01/24					
Lead	90.1	ug/L		50.00	32.8	115	70-130	2	20
Matrix Spike Dup (B436968-MSDD)	Sample: HF04538-02			Prepared & Analyzed: 07/01/24					
Lead	54.7	ug/L		50.00	0.367	109	70-130	2	20
Matrix Spike Dup (B436968-MSDE)	Sample: HF04528-02			Prepared & Analyzed: 07/01/24					
Lead	54.9	ug/L		50.00	2.67	104	70-130	3	20
Matrix Spike Dup (B436968-MSDF)	Sample: HF04540-01			Prepared & Analyzed: 07/01/24					
Lead	62.8	ug/L		50.00	7.00	112	70-130	0.3	20
Matrix Spike (B436968-MSE)	Sample: HF04528-02			Prepared & Analyzed: 07/01/24					
Lead	56.5	ug/L		50.00	2.67	108	70-130		
Matrix Spike (B436968-MSF)	Sample: HF04540-01			Prepared & Analyzed: 07/01/24					
Lead	63.0	ug/L		50.00	7.00	112	70-130		



NOTES

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

* Not a TNI accredited analyte

Certifications

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

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

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

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

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

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

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

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

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

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

USEPA DMR-QA Program

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

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

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

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

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

Certified by: Chenise Lambert-Sykes, Project Manager





Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

December 11, 2024

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

RE: 2018-0351.2A T200-Kehrs Mill ES

Dear Brian Lieb:

Please find enclosed the analytical results for the **1** sample(s) the laboratory received on **12/3/24 4:50 pm** and logged in under work order **HL01055**. 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 HL01055

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: HL01055-01

Name: KMES-6R3

Matrix: Drinking Water - Grab

Sampled: 11/29/24 19:05

Received: 12/03/24 16:50

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<u>Total Metals - PIA</u>									
Lead	8.64	ug/L		12/11/24 10:05	1	1.00	12/11/24 12:11	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 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
Matrix Spike Dup (B450611-MSD8)				Prepared & Analyzed: 12/11/24					
Lead	70.6	ug/L		50.00	18.1	105	70-130	2	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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



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

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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 ADDRESS 130 Point West Blvd CITY STATE ZIP St. Charles, MO 63301 CONTACT PERSON Brian Lieb		PROJECT NUMBER 2018-0351.2A T200 PHONE NUMBER (314) 581-7570 PROJECT LOCATION Kehr's Mill ES E-MAIL blieb@sciengineering.com PURCHASE ORDER #		3 ANALYSIS REQUESTED DW Pb Turb Check		4 (FOR LAB USE ONLY) LOGIN # HAK H101055 LOGGED BY: [Signature] 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) KMES-6R3		DATE COLLECTED 11/27/24	TIME COLLECTED 1905	SAMPLE TYPE GRAB ☒ COMP	MATRIX TYPE DW	BOTTLE COUNT 1	PRES CODE 6	REMARKS	
CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3-HNO3 4-NAOH 5-NA2S2O3 6-UNPRESERVED 7-OTHER		TURNAROUND TIME REQUESTED (PLEASE CIRCLE) <u>NORMAL</u> RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) <u>EMAIL</u> PHONE EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:		6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may <u>NOT</u> be acceptable to report to all regulatory authorities. PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)		7 RELINQUISHED BY: (SIGNATURE) [Signature] DATE 12/2/24 TIME 1650 RECEIVED BY: (SIGNATURE) [Signature] DATE 12-3-24 TIME 1650		8 COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT °C CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N DATE AND TIME TAKEN FROM SAMPLE BOTTLE	

ENV-FRM-PEOR-0098 v02_Sample Condition Upon Receipt



Client Name: SCI Engineering

Work Order #: _____

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

Sample Intake Notes:

Custody Seal Present on Package(s) If yes, was seal intact	Yes ☒ No ☐	
Samples received within temperature compliance Was Project Manager contacted if samples were received out of temperature compliance	Yes ☐ No ☒ N/A	
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 If present, are they Listed on CoC	Yes ☐ No ☒ N/A	
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.



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. Charles, MO 63301

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

Dear Glenn Grissom:

Please find enclosed the analytical results for the **1** sample(s) the laboratory received on **7/10/25 4:30 pm** and logged in under work order **IG02339**. 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



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

ANALYTICAL RESULTS

Sample: IG02339-01

Name: KMES - 6R4

Matrix: Drinking Water - Grab

Sampled: 07/07/25 18:15

Received: 07/10/25 16:30

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

Lead	14.9	ug/L		07/22/25 06:52	1	1.00	07/22/25 10:40	BRS	EPA 200.8 REV 5.4
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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<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		



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (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

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



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

April 01, 2026

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

RE: 2018-0351.2AT200-Kehrs Mill Elementary

Dear Glenn Grissom:

Please find enclosed the analytical results for the **1** sample(s) the laboratory received on **3/25/26 1:31 pm** and logged in under work order **JC04722**. 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



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

ANALYTICAL RESULTS

Sample: JC04722-01

Name: KMES - 6R5

Matrix: Drinking Water - Grab

Sampled: 03/20/26 17:57

Received: 03/25/26 13:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<u>Total Metals - PIA</u>									
Lead	2.84	ug/L		03/31/26 09:35	1	1.00	03/31/26 13:23	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 B629677 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Matrix Spike (B629677-MS1)	Sample: JC04582-07			Prepared & Analyzed: 03/31/26					
Lead	53.4	ug/L		50.00	0.245	106	70-130		
Matrix Spike (B629677-MS2)	Sample: JC04412-01			Prepared & Analyzed: 03/31/26					
Lead	52.8	ug/L		50.00	0.0840	105	70-130		
Matrix Spike (B629677-MS3)	Sample: JC04719-01			Prepared & Analyzed: 03/31/26					
Lead	52.0	ug/L		50.00	0.156	104	70-130		
Matrix Spike (B629677-MS4)	Sample: JC04679-01			Prepared & Analyzed: 03/31/26					
Lead	50.6	ug/L		50.00	0.0210	101	70-130		
Matrix Spike (B629677-MS5)	Sample: JC05036-05			Prepared & Analyzed: 03/31/26					
Lead	52.1	ug/L		50.00	0.794	103	70-130		
Matrix Spike (B629677-MS6)	Sample: JC05032-04			Prepared & Analyzed: 03/31/26					
Lead	50.2	ug/L		50.00	0.0510	100	70-130		
Matrix Spike (B629677-MS7)	Sample: JC05027-02			Prepared & Analyzed: 03/31/26					
Lead	50.1	ug/L		50.00	ND	100	70-130		
Matrix Spike (B629677-MS8)	Sample: JC04493-02			Prepared & Analyzed: 03/31/26					
Lead	51.1	ug/L		50.00	ND	102	70-130		
Matrix Spike (B629677-MS9)	Sample: JC04712-06			Prepared & Analyzed: 03/31/26					
Lead	50.5	ug/L		50.00	0.126	101	70-130		
Matrix Spike (B629677-MSA)	Sample: JC04669-10			Prepared & Analyzed: 03/31/26					
Lead	51.0	ug/L		50.00	0.0370	102	70-130		
Matrix Spike (B629677-MSB)	Sample: JC04669-20			Prepared & Analyzed: 03/31/26					
Lead	52.4	ug/L		50.00	0.0660	105	70-130		
Matrix Spike (B629677-MSC)	Sample: JC05041-06			Prepared & Analyzed: 03/31/26					
Lead	51.2	ug/L		50.00	0.383	102	70-130		
Matrix Spike (B629677-MSD)	Sample: JC04978-08			Prepared & Analyzed: 03/31/26					
Lead	50.7	ug/L		50.00	0.436	101	70-130		
Matrix Spike Dup (B629677-MSD1)	Sample: JC04582-07			Prepared & Analyzed: 03/31/26					
Lead	52.6	ug/L		50.00	0.245	105	70-130	2	20
Matrix Spike Dup (B629677-MSD2)	Sample: JC04412-01			Prepared & Analyzed: 03/31/26					
Lead	52.5	ug/L		50.00	0.0840	105	70-130	0.6	20
Matrix Spike Dup (B629677-MSD3)	Sample: JC04719-01			Prepared & Analyzed: 03/31/26					
Lead	52.6	ug/L		50.00	0.156	105	70-130	1	20
Matrix Spike Dup (B629677-MSD4)	Sample: JC04679-01			Prepared & Analyzed: 03/31/26					
Lead	53.9	ug/L		50.00	0.0210	108	70-130	6	20
Matrix Spike Dup (B629677-MSD5)	Sample: JC05036-05			Prepared & Analyzed: 03/31/26					
Lead	51.5	ug/L		50.00	0.794	101	70-130	1	20
Matrix Spike Dup (B629677-MSD6)	Sample: JC05032-04			Prepared & Analyzed: 03/31/26					
Lead	49.2	ug/L		50.00	0.0510	98	70-130	2	20
Matrix Spike Dup (B629677-MSD7)	Sample: JC05027-02			Prepared & Analyzed: 03/31/26					
Lead	51.3	ug/L		50.00	ND	103	70-130	2	20
Matrix Spike Dup (B629677-MSD8)	Sample: JC04493-02			Prepared & Analyzed: 03/31/26					
Lead	51.4	ug/L		50.00	ND	103	70-130	0.6	20
Matrix Spike Dup (B629677-MSD9)	Sample: JC04712-06			Prepared & Analyzed: 03/31/26					
Lead	52.1	ug/L		50.00	0.126	104	70-130	3	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B629677-MSDA)	Sample: JC04669-10		Prepared & Analyzed: 03/31/26						
Lead	51.2	ug/L		50.00	0.0370	102	70-130	0.3	20
Matrix Spike Dup (B629677-MSDB)	Sample: JC04669-20		Prepared & Analyzed: 03/31/26						
Lead	50.0	ug/L		50.00	0.0660	100	70-130	5	20
Matrix Spike Dup (B629677-MSDC)	Sample: JC05041-06		Prepared & Analyzed: 03/31/26						
Lead	51.9	ug/L		50.00	0.383	103	70-130	1	20
Matrix Spike Dup (B629677-MSDD)	Sample: JC04978-08		Prepared & Analyzed: 03/31/26						
Lead	49.8	ug/L		50.00	0.436	99	70-130	2	20
Matrix Spike Dup (B629677-MSDE)	Sample: JC04978-18		Prepared & Analyzed: 03/31/26						
Lead	52.5	ug/L		50.00	0.0770	105	70-130	2	20
Matrix Spike Dup (B629677-MSDG)	Sample: JC04730-04		Prepared & Analyzed: 03/31/26						
Lead	58.5	ug/L		50.00	4.52	108	70-130	4	20
Matrix Spike (B629677-MSE)	Sample: JC04978-18		Prepared & Analyzed: 03/31/26						
Lead	51.3	ug/L		50.00	0.0770	102	70-130		
Matrix Spike (B629677-MSF)	Sample: JC04978-28		Prepared & Analyzed: 03/31/26						
Lead	53.0	ug/L		50.00	1.48	103	70-130		
Matrix Spike (B629677-MSG)	Sample: JC04730-04		Prepared & Analyzed: 03/31/26						
Lead	56.4	ug/L		50.00	4.52	104	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



Pace® Location Requested (City/State): CHAIN-OF-CUSTODY Analytical Request Document Pace-Hazelwood, MO 944 Anglin Rd. Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields		JCO 472 Scan QR Code for instructions LAB USE ONLY- Affix Workorder/Login Label Here																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Company Name: SCI Engineering Street Address: 130 Point West Blvd St. Charles, MO 63301 Customer Project #: 2018-0351-2A T200 Project Name: Drinking Water Lead Site Collection Info/Facility ID (as applicable): Kehrs Mill Elementary	Contact/Report To: Ethan Boyer Phone #: (314) 341-1911, o: 636-949-8200 E-Mail: EBoyer@sciengineering.com Cc E-Mail: Invoice to: Ethan Boyer Invoice E-mail: EBoyer@sciengineering.com Purchase Order # (if applicable): Quote #: County / State origin of sample(s):	Specify Container Size ** <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">3</td> <td style="width: 10%;">3</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> </table> Identify Container Preservative Type*** <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">1</td> <td style="width: 10%;">1</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> </table>		3	3									1	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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ENV-FRM-PEOR-0098 v05_Sample Condition Upon Receipt

Client Name: SCI Work Order #: 1004722 Completed by / Date: CPB 3-25-26

Custody seal on cooler/box present and seal intact:	☐ Yes ☐ No ☒ N/A
Chain of Custody (CoC) Present:	☒ Yes ☐ No
CoC is Legible:	☒ Yes ☐ No
Sampler Name Present on CoC:	☒ Yes ☐ No
Sampler Signature Present on CoC:	☒ Yes ☐ No
Sample Collection Date Present on CoC:	☒ Yes ☐ No
Sample Collection Time Present on CoC:	☒ Yes ☐ No
CoC Relinquished by Client:	☒ Yes ☐ No
Unique Sample ID's Present on CoC:	☒ Yes ☐ No
CoC and Sample Container Labels Match:	☒ Yes ☐ No
Sample chilling process started prior to receipt: If yes, what type of ice:	☐ Yes ☐ No ☒ N/A ☐ Wet ☐ Blue
Samples received within temperature compliance: ($\leq 6^{\circ}\text{C}$, but above freezing or received same day collected and chill process started prior to receipt)	☐ Yes ☐ No ☒ N/A
Container(s) Received Intact:	☒ Yes ☐ No
Containers Received Labeled and Labels are Legible:	☒ Yes ☐ No
Appropriate Bottles Received for Analysis Requested:	☒ Yes ☐ No
Sufficient Sample Volume Received:	☒ Yes ☐ No
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	☐ Yes ☐ No ☒ N/A
Trip Blank(s) Received: If present, are they Listed on CoC:	☐ Yes ☐ No ☒ N/A ☐ Yes ☐ No
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials If headspace is present, note sample ID and # of vials	☐ Yes ☐ No ☒ N/A
All (Non-Field) Analysis Received Within Hold Times:	☒ Yes ☐ No
Rush Turn Around Time Requested or Time Sensitive Analysis:	☐ Yes ☒ No
Short Hold Time Analysis (48 Hours or Less):	☐ 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.

WORK ORDER #: 100 4722 INITIALS: Grb

Drinking Water Bottle Receipt Form

SOC (Synthetic Organic Chemicals)

Method	Description	Bottle Type	Qty	-1	-2	-3	-4	-5	-6	-7	-8
Chlorine Check	Chlorine Check	P, U, 150 ml	1								
M504	EDB & DBCP	C,V, 40 ml, Na2S2O3	3								
M504 Trip Blank	Trip Blank	C,V, 40 ml, Na2S2O3	2								
M505 (subcontract)	Toxaphene	C,V, 40 ml, Na2S2O3	3								
M515.3/548	Chlorinated Acids/Endothal	A, G, 500 ml, Na2S2O3	2								
M525.2	Semi-Volatiles	A, G, 1000 ml, Na2SO3 + HCl	3								
M531	Carbamates	A, V, 60 ml, Na2S2O3 + MCAA	1								
M549.2	Diquat	A, P, 1000 ml, Na2S2O3 + H2SO4	1								
M550	Benzo(a)Pyrene	A, G, 1000 ml, Na2S2O3 + HCl	3								
*M547	Glyphosate	A, V, 60 ml, Na2S2O3	1								
*M547 Trip Blank	Trip Blank	A, V, 60 ml, Na2S2O3	1								

**SOC_W_GLPPOS" & "SOC_IDPH_GROUP A" ONLY

VOC (Volatile Organic Chemicals)

Method	Description	Bottle Type	Qty	-1	-2	-3	-4	-5	-6	-7	-8
M524.2	Regulated Volatile	C,V, 40 ml, HCl	3								
M524.2 Trip Blank	Trip Blank	C,V, 40 ml, HCl	3								
Chlorine Check	Chlorine Check	P, U, 150 ml	1								

IOC (Inorganic Chemicals)

Method	Description	Bottle Type	Qty	-1	-2	-3	-4	-5	-6	-7	-8
*300.0 SO4 & Fluoride Probe	Sulfate by IC/Fluoride Probe	P, 500 ml, Total	1								
**Metals - As, Ba, Be, Cd, Cr, Fe, Hg, Mn, Na, Ni, Sb, Se, Tl, Zn & Turb Check	Metals	P, 250 ml, HNO3, Total	1								
CN-T Kelada DW	Cyanide Total	P, 250 ml, NaOH	1								

*Excluded from "IOC IDPH SHORT LIST"

**Excluded Fe, Mn, Na, Ni & Zn from "IOC IDPH SHORT LIST" Fe, Mn, Na, Ni & Zn

THM/HAA

Method	Description	Bottle Type	Qty	-1	-2	-3	-4	-5	-6	-7	-8
THM M524	Trihalomethane	C,V, 40 ml, Na2S2O3	4								
HAA M552	Haloacetic Acid	A, V, 60 ML NH4CL	4								
Chlorine Check	Chlorine Check	P, U, 150 ml	1								

TOC

Method	Description	Bottle Type	Qty	-1	-2	-3	-4	-5	-6	-7	-8
TOC	Total Organic Carbon	A, V, 40 ml, H2SO4	3								

Chlorite/Bromate

Method	Description	Bottle Type	Qty	-1	-2	-3	-4	-5	-6	-7	-8
Bromate (Subcontract)	Bromate	P, 100 ml, EDA	1								
Chlorite (Subcontract)	Chlorite	P, 100 ml, EDA	1								

Lead/Copper

Method	Description	Bottle Type	Qty
Lead/Copper	Lead Copper	P, 1000ml LC	
School Lead	Lead	P, 250ml LC	1

PFAS

Method	Description	Bottle Type	Qty	-1	-2	-3	-4	-5	-6	-7	-8
M533	PFAS	533, P, 250mL, C2H7NO2									
M533 FRB	PFAS - FRB	533, P, 250mL, C2H7NO2									
M537.1	PFAS	537.1, P, 250 mL, TRZ									
M537.1 FRB	PFAS - FRB	537.1, P, 250 mL, TRZ									

Table 1 – Lead in Drinking Water Results

Sample Number	Sample Location	Sample Description	Initial Result (ppb)	Resampling-First Draw (ppb)	Resampling-Second Draw (ppb)	Second Resampling (ppb)	Third Resampling (ppb)	Fourth Resampling (ppb)	Fifth Resampling (ppb)
KMES-2	Kitchen	Food Prep Sink	6.97	<1.0	<1.0	NS			
KMES-5	Kitchen Triple Basin	Middle Sink	6.67	5.5	<1.0	1.26	NS		
KMES-6	Kitchen Triple Basin	Right Sink	90.4	14.9	<1.0	6.09	8.64	14.9	2.84
KMES-7	Work Room	Sink	12.1	42.4	<1.0	<1.0	NS		
KMES-8	Nurse’s Office	Sink	5.34	<1.0	<1.0	NS			
KMES-9	Room 1	Sink	6.12	<1.0	<1.0	NS			
KMES-21	Kitchen	Combi-Oven	7.29	146	5.5	NS (removed)			