



SCI ENGINEERING, INC.

EARTH • SCIENCE • SOLUTIONS

GEOTECHNICAL
ENVIRONMENTAL
NATURAL RESOURCES
CULTURAL RESOURCES
CONSTRUCTION SERVICES

August 25, 2023

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

RE: Lead in Drinking Water Report
Augusta Elementary School
5541 Locust Street
Augusta, Missouri
SCI No. 2010-5012.2T

Dear Jeff Solter:

INTRODUCTION

SCI Engineering, Inc. (SCI) is pleased to submit this report summarizing lead in drinking water testing activities performed on June 15, 2023. The purpose of the sampling activities was to screen for elevated levels of lead in the drinking water at potable water sources throughout the above-referenced structure.

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

LIMITATIONS

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

During the course of performing the sampling of the fixtures within the building, SCI was able to sample all drinking water sources identified by the school district.

DRINKING WATER SURVEY

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

SCI collected 19 drinking water samples (AES-1 through AES-19) from various water fixtures located throughout the structure and submitted them for analytical testing. The drinking water samples were analyzed for total lead by U.S. EPA Method 200.8. SCI collected a minimum of 250 milliliters of water from each location. Sampled water was containerized in laboratory-provided sample containers and shipped to the lab using standard chain-of-custody procedures. A figure depicting the locations of the sampled water fixtures is enclosed.

The drinking water samples were analyzed for lead in accordance with the “Get the Lead Out of School Drinking Water Act”, Section 160.077, which establishes an action level (AL) of 5 parts per billion (ppb). The drinking water samples which exceeded the AL are identified in Table 1, below. A copy of the analytical test results and chain-of-custody for all samples is enclosed.

Table 1 – Lead in Drinking Water Results

Sample Number	Sample Location	Sample Description	Result (ppb)
AES-7	Room 104	Sink	10.4
AES-9	Nurses Office	Sink	21.8
AES-15	Kitchen	Dish Cleaning Sink	6.48
AES-16	Kitchen	Right Faucet in the Triple Basin Sink	8.48
AES-17	Kitchen	Left Faucet in the Triple Basin Sink	6.29
AES-19	Kitchen	Sink by Exit Door	13.1

CONCLUSION AND RECOMMENDATIONS

As can be seen in Table 1 above, 6 drinking water samples exceeded the AL of 5 ppb. According to GTLOSDWA, these water fixtures shall be removed and replaced prior to August 1, 2024, or the first day on which students will be present in the building, whichever is later. The replacement fixture shall be lead free, as defined in 40 CFR 143.12.

REPORTING

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, P.O. Box 570, Jefferson City, Missouri 65102-0570.

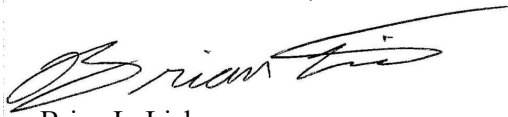
FUTURE TESTING

After the fixtures identified in Table 1 above have been remediated, at least 25 percent of the remediated fixtures must be sampled annually until all remediated sources have been tested. Once all fixtures have been tested and are below the action level, the school shall test the fixtures once every five years.

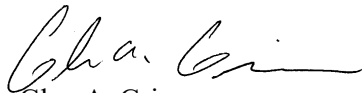
SCI appreciates the opportunity to be of service to you on this project, and we look forward to working with you in the future. Please contact us if you have any questions or comments regarding the information provided.

Respectfully,

SCI ENGINEERING, INC.



Brian L. Lieb
Project Scientist



Glen A. Grissom
Senior Specialist

BLL/GAG/rah

Enclosure

Lead Testing Results
Lead Drinking Water Sampling Plan



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

July 10, 2023

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

RE: 2010-5012.2T-Augusta

Dear Glenn Grissom:

Please find enclosed the analytical results for the **19** sample(s) the laboratory received on **6/16/23 3:00 pm** and logged in under work order **GF03476**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

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

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

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

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



SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order GF03476

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: GF03476-01
Name: AES-1
Matrix: Drinking Water - Grab

Sampled: 06/15/23 18:10
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:22, KMC, EPA 200.8 REV 5.4

Sample: GF03476-02
Name: AES-2
Matrix: Drinking Water - Grab

Sampled: 06/15/23 18:11
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:24, KMC, EPA 200.8 REV 5.4

Sample: GF03476-03
Name: AES-3
Matrix: Drinking Water - Grab

Sampled: 06/15/23 18:15
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:26, KMC, EPA 200.8 REV 5.4

Sample: GF03476-04
Name: AES-4
Matrix: Drinking Water - Grab

Sampled: 06/15/23 18:17
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, 2.39, ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:28, KMC, EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GF03476-05
Name: AES-5
Matrix: Drinking Water - Grab

Sampled: 06/15/23 18:19

Received: 06/16/23 15:00

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

Total Metals - PIA

Table row for Lead: < 1.00 ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:30, KMC, EPA 200.8 REV 5.4

Sample: GF03476-06
Name: AES-6
Matrix: Drinking Water - Grab

Sampled: 06/15/23 18:20

Received: 06/16/23 15:00

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

Total Metals - PIA

Table row for Lead: < 1.00 ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:32, KMC, EPA 200.8 REV 5.4

Sample: GF03476-07
Name: AES-7
Matrix: Drinking Water - Grab

Sampled: 06/15/23 18:22

Received: 06/16/23 15:00

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

Total Metals - PIA

Table row for Lead: 10.4 ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:38, KMC, EPA 200.8 REV 5.4

Sample: GF03476-08
Name: AES-8
Matrix: Drinking Water - Grab

Sampled: 06/15/23 18:27

Received: 06/16/23 15:00

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

Total Metals - PIA

Table row for Lead: 4.01 ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:44, KMC, EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GF03476-09
Name: AES-9
Matrix: Drinking Water - Grab

Sampled: 06/15/23 18:29
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, 21.8, ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:46, KMC, EPA 200.8 REV 5.4

Sample: GF03476-10
Name: AES-10
Matrix: Drinking Water - Grab

Sampled: 06/15/23 18:32
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:48, KMC, EPA 200.8 REV 5.4

Sample: GF03476-11
Name: AES-11
Matrix: Drinking Water - Grab

Sampled: 06/15/23 18:34
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, 1.27, ug/L, 06/27/23 10:51, 1, 1.00, 06/27/23 17:13, KMC, EPA 200.8 REV 5.4

Sample: GF03476-12
Name: AES-12
Matrix: Drinking Water - Grab

Sampled: 06/15/23 18:54
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, 1.18, ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:51, KMC, EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GF03476-13
Name: AES-13
Matrix: Drinking Water - Grab

Sampled: 06/15/23 19:02
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:53, KMC, EPA 200.8 REV 5.4

Sample: GF03476-14
Name: AES-14
Matrix: Drinking Water - Grab

Sampled: 06/15/23 19:03
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:55, KMC, EPA 200.8 REV 5.4

Sample: GF03476-15
Name: AES-15
Matrix: Drinking Water - Grab

Sampled: 06/15/23 19:06
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, 6.48, ug/L, 07/07/23 11:49, 1, 1.00, 07/07/23 19:57, KMC, EPA 200.8 REV 5.4

Sample: GF03476-16
Name: AES-16
Matrix: Drinking Water - Grab

Sampled: 06/15/23 19:07
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, 8.48, ug/L, 07/07/23 11:49, 1, 1.00, 07/10/23 10:32, KMC, EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GF03476-17
Name: AES-17
Matrix: Drinking Water - Grab

Sampled: 06/15/23 19:08
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, 6.29, ug/L, 07/07/23 11:49, 1, 1.00, 07/10/23 10:48, KMC, EPA 200.8 REV 5.4

Sample: GF03476-18
Name: AES-18
Matrix: Drinking Water - Grab

Sampled: 06/15/23 19:09
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, 2.20, ug/L, 07/07/23 11:49, 1, 1.00, 07/10/23 10:50, KMC, EPA 200.8 REV 5.4

Sample: GF03476-19
Name: AES-19
Matrix: Drinking Water - Grab

Sampled: 06/15/23 19:10
Received: 06/16/23 15:00

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, 13.1, ug/L, 07/07/23 11:49, 1, 1.00, 07/10/23 10:51, 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 B337117 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B337117-BLK1)				Prepared & Analyzed: 06/27/23					
Lead	< 1.11	ug/L							
LCS (B337117-BS1)				Prepared & Analyzed: 06/27/23					
Lead	563	ug/L		555.6		101	85-115		
Matrix Spike (B337117-MS2)				Sample: GF03711-07		Prepared & Analyzed: 06/27/23			
Lead	571	ug/L		555.6	9.33	101	70-130		
Matrix Spike Dup (B337117-MSD2)				Sample: GF03711-07		Prepared & Analyzed: 06/27/23			
Lead	564	ug/L		555.6	9.33	100	70-130	1	20
<u>Batch B337963 - DW 200.8 no prep - EPA 200.8 REV 5.4</u>									
Blank (B337963-BLK1)				Prepared & Analyzed: 07/07/23					
Lead	< 1.00	ug/L							
LCS (B337963-BS1)				Prepared & Analyzed: 07/07/23					
Lead	51.5	ug/L		50.00		103	85-115		
Matrix Spike (B337963-MS1)				Sample: GF03914-08		Prepared & Analyzed: 07/07/23			
Lead	45.8	ug/L		50.00		92	70-130		
Matrix Spike (B337963-MS2)				Sample: GF03915-08		Prepared & Analyzed: 07/07/23			
Lead	51.6	ug/L		50.00		103	70-130		
Matrix Spike (B337963-MS3)				Sample: GF03915-16		Prepared & Analyzed: 07/07/23			
Lead	49.1	ug/L		50.00		98	70-130		
Matrix Spike (B337963-MS4)				Sample: GF05147-07		Prepared & Analyzed: 07/07/23			
Lead	45.2	ug/L		50.00	0.288	90	70-130		
Matrix Spike (B337963-MS5)				Sample: GF03461-34		Prepared & Analyzed: 07/07/23			
Lead	51.2	ug/L		50.00	0.608	101	70-130		
Matrix Spike (B337963-MS6)				Sample: GF03461-42		Prepared & Analyzed: 07/07/23			
Lead	53.0	ug/L		50.00	0.814	104	70-130		
Matrix Spike (B337963-MS7)				Sample: GF03461-50		Prepared & Analyzed: 07/07/23			
Lead	49.4	ug/L		50.00	0.301	98	70-130		
Matrix Spike (B337963-MS8)				Sample: GF03461-58		Prepared & Analyzed: 07/07/23			
Lead	48.6	ug/L		50.00	ND	97	70-130		
Matrix Spike (B337963-MS9)				Sample: GF03461-04		Prepared & Analyzed: 07/07/23			
Lead	74.3	ug/L		50.00	22.9	103	70-130		
Matrix Spike (B337963-MSA)				Sample: GF03461-12		Prepared & Analyzed: 07/07/23			
Lead	51.3	ug/L		50.00	1.40	100	70-130		
Matrix Spike (B337963-MSB)				Sample: GF03461-20		Prepared & Analyzed: 07/07/23			
Lead	48.7	ug/L		50.00	ND	97	70-130		
Matrix Spike (B337963-MSC)				Sample: GF03461-28		Prepared & Analyzed: 07/07/23			
Lead	48.8	ug/L		50.00	0.477	97	70-130		
Matrix Spike (B337963-MSD)				Sample: GF04463-06		Prepared & Analyzed: 07/07/23			
Lead	85.4	ug/L		50.00	37.2	97	70-130		
Matrix Spike Dup (B337963-MSD1)				Sample: GF03914-08		Prepared & Analyzed: 07/07/23			
Lead	51.2	ug/L		50.00		102	70-130	11	20
Matrix Spike Dup (B337963-MSD2)				Sample: GF03915-08		Prepared & Analyzed: 07/07/23			
Lead	48.4	ug/L		50.00		97	70-130	6	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B337963-MSD3)	Sample: GF03915-16			Prepared & Analyzed: 07/07/23					
Lead	54.8	ug/L		50.00		110	70-130	11	20
Matrix Spike Dup (B337963-MSD4)	Sample: GF05147-07			Prepared & Analyzed: 07/07/23					
Lead	48.0	ug/L		50.00	0.288	95	70-130	6	20
Matrix Spike Dup (B337963-MSD5)	Sample: GF03461-34			Prepared & Analyzed: 07/07/23					
Lead	52.0	ug/L		50.00	0.608	103	70-130	2	20
Matrix Spike Dup (B337963-MSD6)	Sample: GF03461-42			Prepared & Analyzed: 07/07/23					
Lead	50.8	ug/L		50.00	0.814	100	70-130	4	20
Matrix Spike Dup (B337963-MSD7)	Sample: GF03461-50			Prepared & Analyzed: 07/07/23					
Lead	52.3	ug/L		50.00	0.301	104	70-130	6	20
Matrix Spike Dup (B337963-MSD8)	Sample: GF03461-58			Prepared & Analyzed: 07/07/23					
Lead	48.6	ug/L		50.00	ND	97	70-130	0.09	20
Matrix Spike Dup (B337963-MSD9)	Sample: GF03461-04			Prepared & Analyzed: 07/07/23					
Lead	74.3	ug/L		50.00	22.9	103	70-130	0.04	20
Matrix Spike Dup (B337963-MSDA)	Sample: GF03461-12			Prepared & Analyzed: 07/07/23					
Lead	51.7	ug/L		50.00	1.40	101	70-130	0.8	20
Matrix Spike Dup (B337963-MSDB)	Sample: GF03461-20			Prepared & Analyzed: 07/07/23					
Lead	48.6	ug/L		50.00	ND	97	70-130	0.2	20
Matrix Spike Dup (B337963-MSDC)	Sample: GF03461-28			Prepared & Analyzed: 07/07/23					
Lead	51.2	ug/L		50.00	0.477	101	70-130	5	20
Matrix Spike Dup (B337963-MSDD)	Sample: GF04463-06			Prepared & Analyzed: 07/07/23					
Lead	85.7	ug/L		50.00	37.2	97	70-130	0.3	20
Matrix Spike Dup (B337963-MSDE)	Sample: GF04463-14			Prepared & Analyzed: 07/07/23					
Lead	54.9	ug/L		50.00	5.81	98	70-130	2	20
Matrix Spike Dup (B337963-MSDF)	Sample: GF03476-07			Prepared & Analyzed: 07/07/23					
Lead	60.2	ug/L		50.00	10.4	100	70-130	4	20
Matrix Spike Dup (B337963-MSDG)	Sample: GF03476-16			Prepared: 07/07/23 Analyzed: 07/10/23					
Lead	62.7	ug/L		50.00	8.48	109	70-130	2	20
Matrix Spike Dup (B337963-MSDH)	Sample: GF03705-03			Prepared: 07/07/23 Analyzed: 07/10/23					
Lead	106	ug/L		50.00	ND	213	70-130	2	20
Matrix Spike (B337963-MSE)	Sample: GF04463-14			Prepared & Analyzed: 07/07/23					
Lead	53.9	ug/L		50.00	5.81	96	70-130		
Matrix Spike (B337963-MSF)	Sample: GF03476-07			Prepared & Analyzed: 07/07/23					
Lead	58.0	ug/L		50.00	10.4	95	70-130		
Matrix Spike (B337963-MSG)	Sample: GF03476-16			Prepared: 07/07/23 Analyzed: 07/10/23					
Lead	61.6	ug/L		50.00	8.48	106	70-130		
Matrix Spike (B337963-MSH)	Sample: GF03705-03			Prepared: 07/07/23 Analyzed: 07/10/23					
Lead	105	ug/L		50.00	ND	209	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: Amy Holmes, Project Manager

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

1/2

CHAIN OF CUSTODY RECORD
 STATE WHERE SAMPLE COLLECTED MO




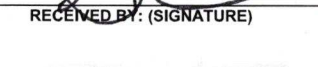


ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT SCI Engineering ADDRESS 130 Point West Blvd CITY STATE ZIP St. Charles, MO 63301 CONTACT PERSON Glen Grissom	PROJECT NUMBER 2010-5012.2T	PROJECT LOCATION Augusta	PURCHASE ORDER #	3 ANALYSIS REQUESTED	4 (FOR LAB USE ONLY) LOGIN # <u>GFO3476</u> LOGGED BY: <u>JPO</u> CLIENT: <u>SCI Engineering</u> PROJECT: <u>Drinking Water Lead</u> PROJ. MGR.: <u>Chenise Lambert-Sykes</u> CUSTODY SEAL #: _____
	PHONE NUMBER (314) 581-7570	E-MAIL ggriissom@sciengineering.com	DATE SHIPPED		
	SAMPLER (PLEASE PRINT) Ethan Boyer	MATRIX TYPES: WW- WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL- SLUDGE NAS- NON AQUEOUS SOLID LCHT- LEACHATE OIL- OIL SO- SOIL SOL- SOLID			
	SAMPLER'S SIGNATURE 	DW Pb <input type="checkbox"/>	Turb Check <input type="checkbox"/>		

2 (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE		MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	DW Pb	Turb Check	REMARKS
			GRAB	COMP						
AES-1	6-15-23	18:10	X	X	DW	1	6	X	X	
AES-2	6-15-23	18:11	X	X	DW	1	6	X	X	
AES-3	6-15-23	18:15	X	X	DW	1	6	X	X	
AES-4	6-15-23	18:17	X	X	DW	1	6	X	X	
AES-5	6-15-23	18:19	X	X	DW	1	6	X	X	
AES-6	6-15-23	18:20	X	X	DW	1	6	X	X	
AES-7	6-15-23	18:22	X	X	DW	1	6	X	X	
AES-8	6-15-23	18:27	X	X	DW	1	6	X	X	
AES-9	6-15-23	18:29	X	X	DW	1	6	X	X	
AES-10	6-15-23	18:32	X	X	DW	1	6	X	X	
AES-11	6-15-23	18:34	X	X	DW	1	6	X	X	

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

5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE EMAIL IF DIFFERENT FROM ABOVE: _____ PHONE # IF DIFFERENT FROM ABOVE: _____	6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities. PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____
--	--

7 RELINQUISHED BY: (SIGNATURE)  DATE <u>6/16/23</u> TIME <u>9:19</u>	RECEIVED BY: (SIGNATURE)  DATE <u>6/16/23</u> TIME <u>1105</u>	8 COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT _____ °C CHILL PROCESS STARTED PRIOR TO RECEIPT SAMPLE(S) RECEIVED ON ICE SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED DATE AND TIME TAKEN FROM SAMPLE _____ Y OR N <u>Y</u> OR N <u>N</u>
RELINQUISHED BY: (SIGNATURE)  DATE <u>6/16/23</u> TIME <u>1500</u>	RECEIVED BY: (SIGNATURE)  DATE _____ TIME _____	
RELINQUISHED BY: (SIGNATURE)  DATE _____ TIME _____	RECEIVED BY: (SIGNATURE)  DATE <u>6/16/23</u> TIME <u>1500</u>	

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

212 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 2010-5012.2T	PROJECT LOCATION Augusta	PURCHASE ORDER #	3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY)	
ADDRESS 130 Point West Blvd		PHONE NUMBER (314) 581-7570	E-MAIL ggriissor@sciengineering.com	DATE SHIPPED			LOGIN # <u>GFO3476</u>	
CITY St. Charles, MO 63301	SAMPLER (PLEASE PRINT) Ethan Boyer		MATRIX TYPES: WW- WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL- SLUDGE NAS- NON AQUEOUS SOLID LCHT- LEACHATE OIL-OIL SO-SOIL SOL-SOLID				LOGGED BY: <u>JPO</u>	
CONTACT PERSON Glen Grissom	SAMPLER'S SIGNATURE						CLIENT: <u>SCI Engineering</u>	
								PROJECT: <u>Drinking Water Lead</u>
								PROJ. MGR.: <u>Chenise Lambert-Sykes</u>
								CUSTODY SEAL #: _____

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE		MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	DW Pb	Turb Check									REMARKS
			GRAB	COMP														
AES-12	6-15-23	18:54	X	X	DW	1	6	X	X									
AES-13	6-15-23	19:02	X	X	DW	1	6	X	X									
AES-14	6-15-23	19:03	X	X	DW	1	6	X	X									
AES-15	6-15-23	19:06	X	X	DW	1	6	X	X									
AES-16	6-15-23	19:07	X	X	DW	1	6	X	X									
AES-17	6-15-23	19:08	X	X	DW	1	6	X	X									
AES-18	6-15-23	19:09	X	X	DW	1	6	X	X									
AES-19	6-15-23	19:10	X	X	DW	1	6	X	X									
			X	X	DW	1	6	X	X									
			X	X	DW	1	6	X	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

5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)	DATE RESULTS NEEDED	6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE		PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____
EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:		

7 RELINQUISHED BY: (SIGNATURE)	DATE	RECEIVED BY: (SIGNATURE)	DATE	8 COMMENTS: (FOR LAB USE ONLY)
	TIME		6/16/23	
RELINQUISHED BY: (SIGNATURE)	DATE	RECEIVED BY: (SIGNATURE)	TIME	
	6/16/23		1500	
RELINQUISHED BY: (SIGNATURE)	DATE	RECEIVED BY: (SIGNATURE)	DATE	SAMPLE TEMPERATURE UPON RECEIPT _____ °C
	TIME		6/16/23	CHILL PROCESS STARTED PRIOR TO RECEIPT
	1500		TIME	SAMPLE(S) RECEIVED ON ICE
			1500	SAMPLE ACCEPTANCE NONCONFORMANT
				REPORT IS NEEDED
				DATE AND TIME TAKEN FROM SAMPLE



GENERAL NOTES/LEGEND

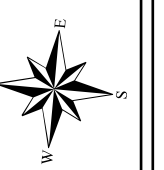
- RESULTS GREATER THAN THE ACTION LEVEL OF 5 PARTS PER BILLION
- RESULTS LESS THAN THE ACTION LEVEL OF 5 PARTS PER BILLION

PLAN DATED 10/27/2005 BY HOENER ASSOCIATES, INC.
 DIMENSIONS AND LOCATIONS ARE APPROXIMATE; ACTUAL MAY VARY. DRAWING SHALL NOT BE USED OUTSIDE THE CONTEXT OF THE REPORT FOR WHICH IT WAS GENERATED.

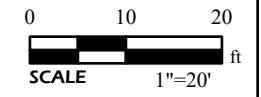


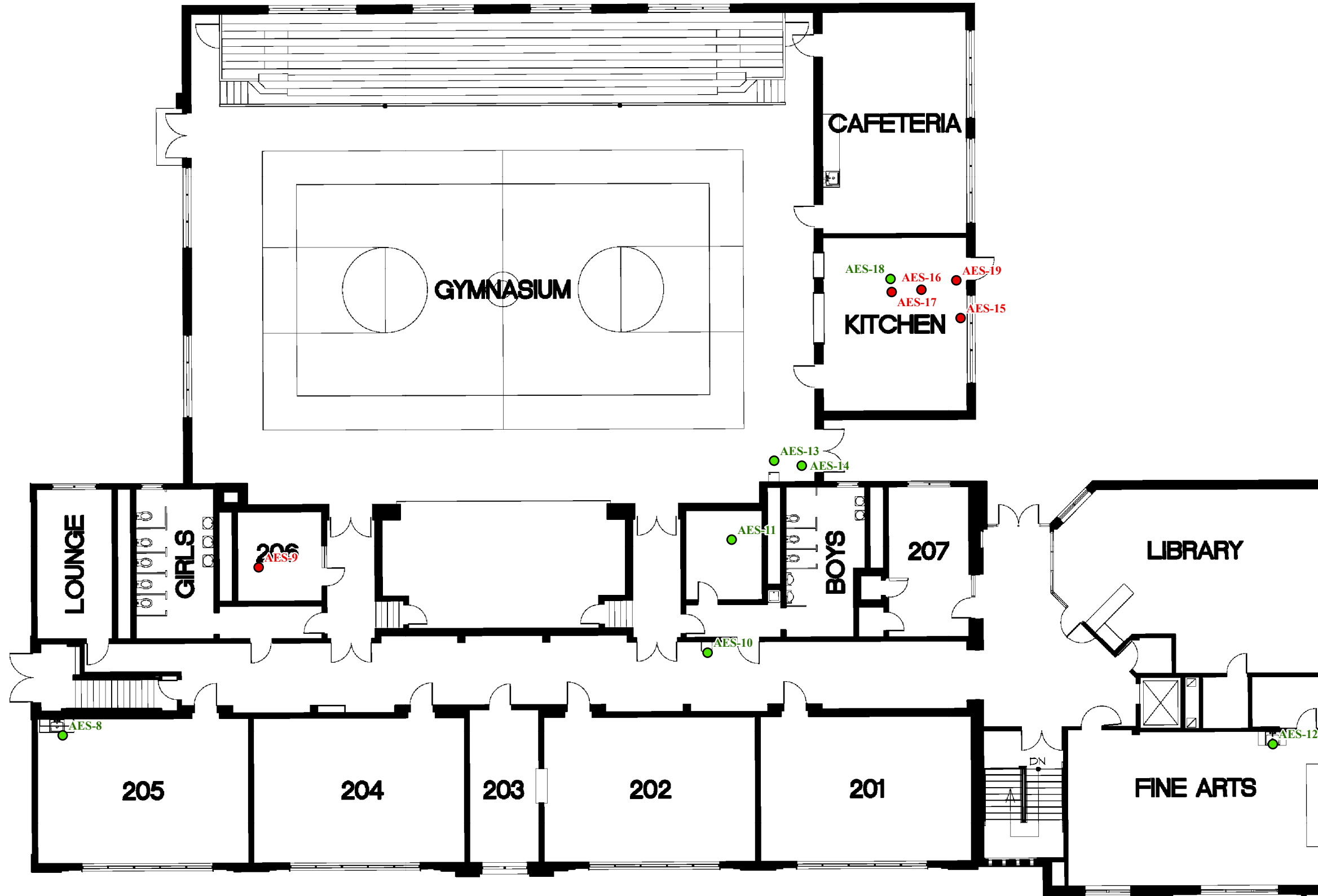
PROJECT NAME
 WASHINGTON SCHOOL DISTRICT
 AUGUSTA ELEMENTARY - LOWER FLOOR
 AUGUSTA, MISSOURI

LEAD DRINKING WATER SAMPLING PLAN



JOB NUMBER	2010-5012.2T
DATE	08/2023
DRAWN BY	JTM
CHECKED BY	BLL
FIGURE	1





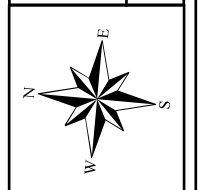
GENERAL NOTES/LEGEND

- RESULTS GREATER THAN THE ACTION LEVEL OF 5 PARTS PER BILLION
- RESULTS LESS THAN THE ACTION LEVEL OF 5 PARTS PER BILLION

PLAN DATED 10/27/2005 BY HOENER ASSOCIATES, INC.
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PROJECT NAME
 WASHINGTON SCHOOL DISTRICT
 AUGUSTA ELEMENTARY - UPPER FLOOR
 AUGUSTA, MISSOURI

LEAD DRINKING WATER SAMPLING PLAN



JOB NUMBER	2010-5012.2T
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DRAWN BY	JTM
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FIGURE	1

