SCI ENGINEERING, INC.
EARTH • SCIENCE • SOLUTIONS
GEOTECHNICAL
ENVIRONMENTAL
NATURAL RESOURCES
CULTURAL RESOURCES
CONSTRUCTION SERVICES

August 29, 2023

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

RE: Lead in Drinking Water Report
Clearview Elementary School
1581 Clearview Road
Union, 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 12, 2023. The purpose of the sampling activities was to screen for elevated levels of lead in the drinking water at potable water sources throughout the above-referenced structure.

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

## LIMITATIONS

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

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

## DRINKING WATER SURVEY

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

SCI collected 24 drinking water samples (CVES-1 through CVES-24) 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 sample which exceeded the AL is 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) |
|---|---|---|---|
| CVES-23 | Bathroom in Room 108 | Left Sink | 6.47 |

## CONCLUSION AND RECOMMENDATIONS

As can be seen in Table 1, above, 1 drinking water sample exceeded the AL of 5 ppb. According to GTLOSDWA, this water fixture 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 such term is 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, PO Box 570, Jefferson City, MO 65102-0570.

**FUTURE TESTING**

After the fixture identified in Table 1, above, has 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

0 12.5 25 ft

SCALE 1"=40'

**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
CLEARVIEW ELEMENTARY
UNION, MISSOURI

# LEAD DRINKING WATER SAMPLING PLAN

N
W E
S

**JOB NUMBER** 2010-5012.2T

**DATE** 08/2023

**DRAWN BY** JTM

**CHECKED BY** BLL

**FIGURE** 1

**Pace Analytical Services, LLC**
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

June 29, 2023

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

RE: 2010-5012.2T-Clearview

Dear Glenn Grissom:

Please find enclosed the analytical results for the **24** sample(s) the laboratory received on **6/16/23 11:30 am** and logged in under work order **GF03091**. 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.

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

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## SAMPLE RECEIPT CHECK LIST

**Items not applicable will be marked as in compliance**

Work Order GF03091

| | |
|---|---|
| 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 |
| NO | 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 |

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## ANALYTICAL RESULTS

**Sample:** GF03091-01
**Name:** CVES-1
**Matrix:** Drinking Water - Grab

**Sampled:** 06/12/23 17:38
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | 1.36 | ug/L | | 06/22/23 14:46 | 1 | 1.00 | 06/23/23 14:31 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-02
**Name:** CVES-2
**Matrix:** Drinking Water - Grab

**Sampled:** 06/12/23 17:40
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/22/23 14:46 | 1 | 1.00 | 06/23/23 14:33 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-03
**Name:** CVES-3
**Matrix:** Drinking Water - Grab

**Sampled:** 06/12/23 17:41
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 10:54 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-04
**Name:** CVES-4
**Matrix:** Drinking Water - Grab

**Sampled:** 06/12/23 17:42
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 10:55 | KMC | EPA 200.8 REV 5.4 |

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## ANALYTICAL RESULTS

**Sample:** GF03091-05 **Sampled:** 06/12/23 17:45
**Name:** CVES-5 **Received:** 06/16/23 11:30
**Matrix:** Drinking Water - Grab

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 10:57 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-06 **Sampled:** 06/12/23 17:46
**Name:** CVES-6 **Received:** 06/16/23 11:30
**Matrix:** Drinking Water - Grab

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 10:58 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-07 **Sampled:** 06/12/23 17:49
**Name:** CVES-7 **Received:** 06/16/23 11:30
**Matrix:** Drinking Water - Grab

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:06 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-08 **Sampled:** 06/12/23 17:50
**Name:** CVES-8 **Received:** 06/16/23 11:30
**Matrix:** Drinking Water - Grab

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:08 | KMC | EPA 200.8 REV 5.4 |

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## ANALYTICAL RESULTS

**Sample:** GF03091-09
**Name:** CVES-9
**Matrix:** Drinking Water - Grab
**Sampled:** 06/12/23 17:51
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | 3.63 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:09 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-10
**Name:** CVES-10
**Matrix:** Drinking Water - Grab
**Sampled:** 06/12/23 17:53
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | 3.55 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:11 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-11
**Name:** CVES-11
**Matrix:** Drinking Water - Grab
**Sampled:** 06/12/23 17:55
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | 3.14 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:12 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-12
**Name:** CVES-12
**Matrix:** Drinking Water - Grab
**Sampled:** 06/12/23 17:58
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 12:02 | KMC | EPA 200.8 REV 5.4 |

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## ANALYTICAL RESULTS

**Sample:** GF03091-13
**Name:** CVES-13
**Matrix:** Drinking Water - Grab

**Sampled:** 06/12/23 17:59
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:15 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-14
**Name:** CVES-14
**Matrix:** Drinking Water - Grab

**Sampled:** 06/12/23 18:00
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:17 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-15
**Name:** CVES-15
**Matrix:** Drinking Water - Grab

**Sampled:** 06/12/23 18:03
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | 4.31 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:25 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-16
**Name:** CVES-16
**Matrix:** Drinking Water - Grab

**Sampled:** 06/12/23 18:04
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | 3.56 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:26 | KMC | EPA 200.8 REV 5.4 |

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## ANALYTICAL RESULTS

**Sample:** GF03091-17
**Name:** CVES-17
**Matrix:** Drinking Water - Grab

**Sampled:** 06/12/23 18:06
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | 1.24 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:28 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-18
**Name:** CVES-18
**Matrix:** Drinking Water - Grab

**Sampled:** 06/12/23 18:09
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:29 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-19
**Name:** CVES-19
**Matrix:** Drinking Water - Grab

**Sampled:** 06/12/23 18:10
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:31 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-20
**Name:** CVES-20
**Matrix:** Drinking Water - Grab

**Sampled:** 06/12/23 18:12
**Received:** 06/16/23 11:30

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | 1.29 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:32 | KMC | EPA 200.8 REV 5.4 |

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## ANALYTICAL RESULTS

**Sample:** GF03091-21 **Sampled:** 06/12/23 18:13
**Name:** CVES-21 **Received:** 06/16/23 11:30
**Matrix:** Drinking Water - Grab

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | 4.33 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:34 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-22 **Sampled:** 06/12/23 18:15
**Name:** CVES-22 **Received:** 06/16/23 11:30
**Matrix:** Drinking Water - Grab

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:35 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-23 **Sampled:** 06/12/23 18:17
**Name:** CVES-23 **Received:** 06/16/23 11:30
**Matrix:** Drinking Water - Grab

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | 6.47 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:43 | KMC | EPA 200.8 REV 5.4 |

**Sample:** GF03091-24 **Sampled:** 06/12/23 18:18
**Name:** CVES-24 **Received:** 06/16/23 11:30
**Matrix:** Drinking Water - Grab

| Parameter | Result | Unit | Qualifier | Prepared | Dilution | MRL | Analyzed | Analyst | Method |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals - PIA** | | | | | | | | | |
| Lead | < 1.00 | ug/L | | 06/29/23 10:35 | 1 | 1.00 | 06/29/23 11:45 | KMC | 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 |
|---|---|---|---|---|---|---|---|---|---|
| ***Batch B336798 - DW 200.8 no prep - EPA 200.8 REV 5.4*** | | | | | | | | | |
| **Blank (B336798-BLK1)** | | | | Prepared & Analyzed: 06/22/23 | | | | | |
| Lead | < 1.00 | ug/L | | | | | | | |
| **LCS (B336798-BS1)** | | | | Prepared & Analyzed: 06/22/23 | | | | | |
| Lead | 46.8 | ug/L | | 50.00 | | 94 | 85-115 | | |
| **Matrix Spike (B336798-MS1)** | **Sample: GF02445-04** | | | Prepared & Analyzed: 06/22/23 | | | | | |
| Lead | 49.2 | ug/L | | 50.00 | 2.44 | 93 | 70-130 | | |
| **Matrix Spike (B336798-MS2)** | **Sample: GF02853-03** | | | Prepared & Analyzed: 06/22/23 | | | | | |
| Lead | 47.4 | ug/L | | 50.00 | 0.314 | 94 | 70-130 | | |
| **Matrix Spike (B336798-MS3)** | **Sample: GF02853-11** | | | Prepared & Analyzed: 06/22/23 | | | | | |
| Lead | 45.4 | ug/L | | 50.00 | 0.525 | 90 | 70-130 | | |
| **Matrix Spike (B336798-MS4)** | **Sample: GF02853-19** | | | Prepared & Analyzed: 06/22/23 | | | | | |
| Lead | 47.9 | ug/L | | 50.00 | 1.47 | 93 | 70-130 | | |
| **Matrix Spike (B336798-MS5)** | **Sample: GF02853-27** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 51.3 | ug/L | | 50.00 | 3.56 | 96 | 70-130 | | |
| **Matrix Spike (B336798-MS6)** | **Sample: GF02853-35** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 56.4 | ug/L | | 50.00 | 7.14 | 98 | 70-130 | | |
| **Matrix Spike (B336798-MS7)** | **Sample: GF03065-01** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 52.6 | ug/L | | 50.00 | 1.75 | 102 | 70-130 | | |
| **Matrix Spike (B336798-MS8)** | **Sample: GF03065-09** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 42.7 | ug/L | | 50.00 | 0.445 | 84 | 70-130 | | |
| **Matrix Spike (B336798-MS9)** | **Sample: GF03067-02** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 49.1 | ug/L | | 50.00 | 0.127 | 98 | 70-130 | | |
| **Matrix Spike (B336798-MSA)** | **Sample: GF03067-10** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 52.0 | ug/L | | 50.00 | 0.118 | 104 | 70-130 | | |
| **Matrix Spike (B336798-MSB)** | **Sample: GF03070-03** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 49.2 | ug/L | | 50.00 | 0.138 | 98 | 70-130 | | |
| **Matrix Spike (B336798-MSC)** | **Sample: GF03070-11** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 47.9 | ug/L | | 50.00 | ND | 96 | 70-130 | | |
| **Matrix Spike (B336798-MSD)** | **Sample: GF03073-03** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 53.2 | ug/L | | 50.00 | ND | 106 | 70-130 | | |
| **Matrix Spike Dup (B336798-MSD1)** | **Sample: GF02445-04** | | | Prepared & Analyzed: 06/22/23 | | | | | |
| Lead | 49.7 | ug/L | | 50.00 | 2.44 | 95 | 70-130 | 1 | 20 |
| **Matrix Spike Dup (B336798-MSD2)** | **Sample: GF02853-03** | | | Prepared & Analyzed: 06/22/23 | | | | | |
| Lead | 44.4 | ug/L | | 50.00 | 0.314 | 88 | 70-130 | 7 | 20 |
| **Matrix Spike Dup (B336798-MSD3)** | **Sample: GF02853-11** | | | Prepared & Analyzed: 06/22/23 | | | | | |
| Lead | 45.2 | ug/L | | 50.00 | 0.525 | 89 | 70-130 | 0.6 | 20 |
| **Matrix Spike Dup (B336798-MSD4)** | **Sample: GF02853-19** | | | Prepared & Analyzed: 06/22/23 | | | | | |
| Lead | 47.3 | ug/L | | 50.00 | 1.47 | 92 | 70-130 | 1 | 20 |
| **Matrix Spike Dup (B336798-MSD5)** | **Sample: GF02853-27** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 49.6 | ug/L | | 50.00 | 3.56 | 92 | 70-130 | 3 | 20 |
| **Matrix Spike Dup (B336798-MSD6)** | **Sample: GF02853-35** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 53.6 | ug/L | | 50.00 | 7.14 | 93 | 70-130 | 5 | 20 |
| **Matrix Spike Dup (B336798-MSD7)** | **Sample: GF03065-01** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 51.7 | ug/L | | 50.00 | 1.75 | 100 | 70-130 | 2 | 20 |

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 Dup (B336798-MSD8)** | **Sample: GF03065-09** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 45.4 | ug/L | | 50.00 | 0.445 | 90 | 70-130 | 6 | 20 |
| **Matrix Spike Dup (B336798-MSD9)** | **Sample: GF03067-02** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 45.8 | ug/L | | 50.00 | 0.127 | 91 | 70-130 | 7 | 20 |
| **Matrix Spike Dup (B336798-MSDA)** | **Sample: GF03067-10** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 50.5 | ug/L | | 50.00 | 0.118 | 101 | 70-130 | 3 | 20 |
| **Matrix Spike Dup (B336798-MSDB)** | **Sample: GF03070-03** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 44.8 | ug/L | | 50.00 | 0.138 | 89 | 70-130 | 9 | 20 |
| **Matrix Spike Dup (B336798-MSDC)** | **Sample: GF03070-11** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 53.1 | ug/L | | 50.00 | ND | 106 | 70-130 | 10 | 20 |
| **Matrix Spike Dup (B336798-MSDD)** | **Sample: GF03073-03** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 49.3 | ug/L | | 50.00 | ND | 99 | 70-130 | 8 | 20 |
| **Matrix Spike Dup (B336798-MSDE)** | **Sample: GF03073-11** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 51.3 | ug/L | | 50.00 | ND | 103 | 70-130 | 0.5 | 20 |
| **Matrix Spike (B336798-MSE)** | **Sample: GF03073-11** | | | Prepared: 06/22/23 Analyzed: 06/23/23 | | | | | |
| Lead | 51.6 | ug/L | | 50.00 | ND | 103 | 70-130 | | |
| ***Batch B337351 - DW 200.8 no prep - EPA 200.8 REV 5.4*** | | | | | | | | | |
| **Blank (B337351-BLK1)** | | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | < 1.00 | ug/L | | | | | | | |
| **LCS (B337351-BS1)** | | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 51.2 | ug/L | | 50.00 | | 102 | 85-115 | | |
| **Matrix Spike (B337351-MS1)** | **Sample: GF03091-06** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 49.1 | ug/L | | 50.00 | 0.244 | 98 | 70-130 | | |
| **Matrix Spike (B337351-MS2)** | **Sample: GF03091-14** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 50.6 | ug/L | | 50.00 | 0.779 | 100 | 70-130 | | |
| **Matrix Spike (B337351-MS3)** | **Sample: GF03091-22** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 53.0 | ug/L | | 50.00 | 0.382 | 105 | 70-130 | | |
| **Matrix Spike (B337351-MS4)** | **Sample: GF03123-06** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 48.5 | ug/L | | 50.00 | 0.396 | 96 | 70-130 | | |
| **Matrix Spike (B337351-MS5)** | **Sample: GF03123-14** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 51.3 | ug/L | | 50.00 | 2.96 | 97 | 70-130 | | |
| **Matrix Spike (B337351-MS6)** | **Sample: GF03374-08** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 50.9 | ug/L | | 50.00 | 0.823 | 100 | 70-130 | | |
| **Matrix Spike (B337351-MS7)** | **Sample: GF03374-16** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 53.7 | ug/L | | 50.00 | 1.23 | 105 | 70-130 | | |
| **Matrix Spike (B337351-MS8)** | **Sample: GF03374-24** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 63.4 | ug/L | | 50.00 | 12.7 | 101 | 70-130 | | |
| **Matrix Spike (B337351-MS9)** | **Sample: GF03374-32** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 55.0 | ug/L | | 50.00 | 4.68 | 101 | 70-130 | | |
| **Matrix Spike (B337351-MSA)** | **Sample: GF03374-40** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 55.9 | ug/L | | 50.00 | 5.97 | 100 | 70-130 | | |
| **Matrix Spike (B337351-MSB)** | **Sample: GF03374-48** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 60.5 | ug/L | | 50.00 | 9.48 | 102 | 70-130 | | |
| **Matrix Spike (B337351-MSC)** | **Sample: GF03539-08** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 49.8 | ug/L | | 50.00 | 0.597 | 98 | 70-130 | | |

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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 (B337351-MSD)** | **Sample: GF03539-16** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 51.4 | ug/L | | 50.00 | 1.06 | 101 | 70-130 | | |
| **Matrix Spike Dup (B337351-MSD1)** | **Sample: GF03091-06** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 49.0 | ug/L | | 50.00 | 0.244 | 98 | 70-130 | 0.05 | 20 |
| **Matrix Spike Dup (B337351-MSD2)** | **Sample: GF03091-14** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 51.2 | ug/L | | 50.00 | 0.779 | 101 | 70-130 | 1 | 20 |
| **Matrix Spike Dup (B337351-MSD3)** | **Sample: GF03091-22** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 50.0 | ug/L | | 50.00 | 0.382 | 99 | 70-130 | 6 | 20 |
| **Matrix Spike Dup (B337351-MSD4)** | **Sample: GF03123-06** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 49.0 | ug/L | | 50.00 | 0.396 | 97 | 70-130 | 1 | 20 |
| **Matrix Spike Dup (B337351-MSD5)** | **Sample: GF03123-14** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 54.1 | ug/L | | 50.00 | 2.96 | 102 | 70-130 | 5 | 20 |
| **Matrix Spike Dup (B337351-MSD6)** | **Sample: GF03374-08** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 56.2 | ug/L | | 50.00 | 0.823 | 111 | 70-130 | 10 | 20 |
| **Matrix Spike Dup (B337351-MSD7)** | **Sample: GF03374-16** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 51.4 | ug/L | | 50.00 | 1.23 | 100 | 70-130 | 4 | 20 |
| **Matrix Spike Dup (B337351-MSD8)** | **Sample: GF03374-24** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 62.4 | ug/L | | 50.00 | 12.7 | 99 | 70-130 | 2 | 20 |
| **Matrix Spike Dup (B337351-MSD9)** | **Sample: GF03374-32** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 54.9 | ug/L | | 50.00 | 4.68 | 100 | 70-130 | 0.2 | 20 |
| **Matrix Spike Dup (B337351-MSDA)** | **Sample: GF03374-40** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 59.5 | ug/L | | 50.00 | 5.97 | 107 | 70-130 | 6 | 20 |
| **Matrix Spike Dup (B337351-MSDB)** | **Sample: GF03374-48** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 64.0 | ug/L | | 50.00 | 9.48 | 109 | 70-130 | 6 | 20 |
| **Matrix Spike Dup (B337351-MSDC)** | **Sample: GF03539-08** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 49.9 | ug/L | | 50.00 | 0.597 | 99 | 70-130 | 0.2 | 20 |
| **Matrix Spike Dup (B337351-MSDD)** | **Sample: GF03539-16** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 49.8 | ug/L | | 50.00 | 1.06 | 97 | 70-130 | 3 | 20 |
| **Matrix Spike Dup (B337351-MSDE)** | **Sample: GF03539-24** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 57.1 | ug/L | | 50.00 | 5.94 | 102 | 70-130 | 3 | 20 |
| **Matrix Spike (B337351-MSE)** | **Sample: GF03539-24** | | | Prepared & Analyzed: 06/29/23 | | | | | |
| Lead | 55.7 | ug/L | | 50.00 | 5.94 | 99 | 70-130 | | |

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2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

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

# CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED_____

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

| 1 CLIENT | PROJECT NUMBER | PROJECT LOCATION | PURCHASE ORDER # |
|---|---|---|---|
| SCI Engineering | 2010-5012.2T | Clearview | |
| **ADDRESS** | **PHONE NUMBER** | **E-MAIL** | **DATE SHIPPED** |
| 130 Point West Blvd | (314) 581-7570 | ggrissom@sciengineering.com | |
| **CITY STATE ZIP** St. Charles, MO 63301 | **SAMPLER (PLEASE PRINT)** Brian Lieb | **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 | SAMPLE TYPE COMP | MATRIX TYPE | BOTTLE COUNT | PRES CODE CLIENT PROVIDED | 3 ANALYSIS REQUESTED: DW Pb | Turb Check | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CVES-1 | 6/12/23 | 1738 | X | X | DW | 1 | 6 | X | X | | | | | |
| CVES-2 | 6/12/23 | 1740 | X | X | DW | 1 | 6 | X | X | | | | | |
| CVES-3 | 6/12/23 | 1741 | X | X | DW | 1 | 6 | X | X | | | | | |
| CVES-4 | 6/12/23 | 1742 | X | X | DW | 1 | 6 | X | X | | | | | |
| CVES-5 | 6/12/23 | 1745 | X | X | DW | 1 | 6 | X | X | | | | | |
| CVES-6 | 6/12/23 | 1746 | X | X | DW | 1 | 6 | X | X | | | | | |
| CVES-7 | 6/12/23 | 1749 | X | X | DW | 1 | 6 | X | X | | | | | |
| CVES-8 | 6/12/23 | 1750 | X | X | DW | 1 | 6 | X | X | | | | | |
| CVES-9 | 6/12/23 | 1751 | X | X | DW | 1 | 6 | X | X | | | | | |
| CVES-10 | 6/12/23 | 1753 | X | X | DW | 1 | 6 | X | X | | | | | |
| CVES-11 | 6/12/23 | 1755 | X | X | DW | 1 | 6 | X | X | | | | | |

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

**4 (FOR LAB USE ONLY)**
LOGIN # GFO3091
LOGGED BY: WAS
CLIENT: SCI Engineering
PROJECT: Drinking Water Lead
PROJ. MGR.: Chenise Lambert-Sykes
CUSTODY SEAL #:_____

**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:
DATE RESULTS NEEDED

**6** *I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.*
PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)_____

| 7 RELINQUISHED BY: (SIGNATURE) | DATE | TIME | RECEIVED BY: (SIGNATURE) | DATE | TIME |
|---|---|---|---|---|---|
| Brian Lieb | 9/13/23 | 11:35am | | | |
| RELINQUISHED BY: (SIGNATURE) | DATE | TIME | RECEIVED BY: (SIGNATURE) | DATE | TIME |
| | | | | | |
| RELINQUISHED BY: (SIGNATURE) | DATE | TIME | RECEIVED BY: (SIGNATURE) | DATE | TIME |
| | | | Valerie Bennett | 6/16/23 | 11:30 |

**8 COMMENTS: (FOR LAB USE ONLY)**

SAMPLE TEMPERATURE UPON RECEIPT N/A °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 _____

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

# CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED_____

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

| 1 CLIENT | PROJECT NUMBER | PROJECT LOCATION | PURCHASE ORDER # |
|---|---|---|---|
| SCI Engineering | 2010-5012.2T | Clearview | |
| **ADDRESS** | **PHONE NUMBER** | **E-MAIL** | **DATE SHIPPED** |
| 130 Point West Blvd | (314) 581-7570 | ggrissom@sciengineering.com | |
| **CITY STATE ZIP** St. Charles, MO 63301 | **SAMPLER (PLEASE PRINT)** Brian Lieb | **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 | SAMPLE TYPE COMP | MATRIX TYPE | BOTTLE COUNT | PRES CODE CLIENT PROVIDED | 3 ANALYSIS REQUESTED: DW Pb | Turb Check | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| CVES-12 | 6/12/23 | 1758 | X | X | DW | 1 | 6 | X | X | |
| CVES-13 | 6/12/23 | 1759 | X | X | DW | 1 | 6 | X | X | |
| CVES-14 | 6/12/23 | 1800 | X | X | DW | 1 | 6 | X | X | |
| CVES-15 | 6/12/23 | 1803 | X | X | DW | 1 | 6 | X | X | |
| CVES-16 | 6/12/23 | 1804 | X | X | DW | 1 | 6 | X | X | |
| CVES-17 | 6/12/23 | 1806 | X | X | DW | 1 | 6 | X | X | |
| CVES-18 | 6/12/23 | 1809 | X | X | DW | 1 | 6 | X | X | |
| CVES-19 | 6/12/23 | 1810 | X | X | DW | 1 | 6 | X | X | |
| CVES-20 | 6/12/23 | 1812 | X | X | DW | 1 | 6 | X | X | |
| CVES-21 | 6/12/23 | 1813 | X | X | DW | 1 | 6 | X | X | |
| CVES-22 | 6/12/23 | 1815 | X | X | DW | 1 | 6 | X | X | |

**4 (FOR LAB USE ONLY)**
LOGIN # GF03091
LOGGED BY: VAM
CLIENT: SCI Engineering
PROJECT: Drinking Water Lead
PROJ. MGR.: Chenise Lambert-Sykes
CUSTODY SEAL #:_____

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

**5** TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH
(RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE
DATE RESULTS NEEDED
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 / TIME | RECEIVED BY: (SIGNATURE) | DATE / TIME |
|---|---|---|---|
| | | | |
| RELINQUISHED BY: (SIGNATURE) | DATE / TIME | RECEIVED BY: (SIGNATURE) | DATE / TIME |
| | | | |
| RELINQUISHED BY: (SIGNATURE) | DATE / TIME | RECEIVED BY: (SIGNATURE) Valerie Bennett | DATE 12/16/23 / TIME 1130 |

**8** COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT N/A °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 _____

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

# CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED_____

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

| 1 CLIENT | PROJECT NUMBER | PROJECT LOCATION | PURCHASE ORDER # |
|---|---|---|---|
| SCI Engineering | 2010-5012.2T | Clearview | |
| **ADDRESS** | **PHONE NUMBER** | **E-MAIL** | **DATE SHIPPED** |
| 130 Point West Blvd | (314) 581-7570 | ggrissom@sciengineering.com | |
| **CITY STATE ZIP** St. Charles, MO 63301 | **SAMPLER (PLEASE PRINT)** Brian Lieb | | **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 | SAMPLE TYPE COMP | MATRIX TYPE | BOTTLE COUNT | PRES CODE CLIENT PROVIDED | 3 ANALYSIS REQUESTED: DW Pb | Turb Check | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| CVES-23 | 6/12/23 | 1817 | X | X | DW | 1 | 6 | X | X | |
| CVES-24 | 6/12/23 | 1818 | X | X | DW | 1 | 6 | X | X | |

**4 (FOR LAB USE ONLY)**
LOGIN # GF23091
LOGGED BY: MMS
CLIENT: SCI Engineering
PROJECT: Drinking Water Lead
PROJ. MGR.: Chenise Lambert-Sykes
CUSTODY SEAL #:_____

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

**5** TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH
(RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE
DATE RESULTS NEEDED
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 / TIME | RECEIVED BY: (SIGNATURE) | DATE / TIME |
|---|---|---|---|
| RELINQUISHED BY: (SIGNATURE) | DATE / TIME | RECEIVED BY: (SIGNATURE) | DATE / TIME |
| RELINQUISHED BY: (SIGNATURE) | DATE / TIME | RECEIVED BY: (SIGNATURE) Valerie Bennett | DATE 6/16/23 / TIME 11:30 |

**8 COMMENTS: (FOR LAB USE ONLY)**
SAMPLE TEMPERATURE UPON RECEIPT N/A °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 _____

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 thesesamples.
**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<br>Peoria, IL 61615<br>309-692-9688 | 944 Anglum Road<br>Hazelwood, MO 63042<br>314-432-0550 | 1805 W Sunset St.<br>Springfield, MO 65807<br>417-964-8924 | 4314-A Crystal Lake Rd<br>McHenry, IL 60050<br>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.