SCI ENGINEERING, INC.



April 2, 2024

EARTH • SCIENCE • SOLUTIONS GEOTECHNICAL ENVIRONMENTAL

NATURAL RESOURCES **CULTURAL RESOURCES** CONSTRUCTION SERVICES

Michael Gegg Mehlville School District 3120 Lemay Ferry Road St. Louis, Missouri 63125

RE: Lead in Drinking Water Report

St. Johns/MOSAIC Elementary School

3701 Will Avenue St. Louis, Missouri SCI No. 2016-0860.2T

Dear Michael Gegg:

INTRODUCTION

SCI Engineering, Inc. (SCI) is pleased to submit this report summarizing lead in drinking water sampling activities performed on December 22, 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 sampling activities were limited to locations identified by the school district. If any additional potable water sources need testing, please contact SCI, and we will make arrangements for sampling 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 drinking water sampling of the structure, SCI was unable to sample four fixtures because they were out of order. These fixtures included the water fountains in Rooms 301, 302, 304, and 305. If these fixtures are made operational, they should be sampled or labeled non-potable. SCI was able to sample all other locations identified by the school district.

DRINKING WATER SURVEY

SCI collected "first draw" samples which consisted of collecting a water sample from each fixture or sample location after it remained stagnant for at least eight hours. Prior to sampling, SCI first mobilized to the site to flush the identified potable water fixtures throughout the structure. Once each fixture was

flushed, a sign was placed on the fixture indicating it should not be used. SCI then revisited the site, after a minimum of eight hours, to collect water samples from the fixtures.

SCI collected 28 drinking water samples (SJ-1 through SJ-28) 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. Figures depicting the locations of the sampled water fixtures are enclosed.

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 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.

Sample **Sample Location Sample Description** Result (ppb) Number SJ-4 First Floor Room 108 Sink 8.9 SJ-5 First Floor Room 109 Sink 6.9 SJ-20 Sink 8.3 Room 215 Sink 8.7 SJ-21 Room 217 SJ-22 Room 218 Left Sink 6.7 Right Sink 7.9 SJ-23 Room 218 SJ-24 Room 306 Sink 11.3 Sink 21.0 SJ-25 Room 304 SJ-26 Room 302 Sink 11.8 SJ-27 Room 301 Sink 14.9 SJ-28 Room 305 Sink 5.3

Table 1 – Lead in Drinking Water Results

CONCLUSION AND RECOMMENDATIONS

As can be seen in Table 1, above, eleven drinking water samples exceeded the AL. SCI recommends any fixture which exceeds the AL be taken out of service until remediated and follow up testing indicates results less than the AL. Alternatively, if a water fixture is determined not to be a potable drinking water source, signage may be installed indicating the purpose and/or restrictions of the fixture.

According to GTLOSDWA, any water fixtures which exceed the AL shall be remediated prior to August 1, 2024, or the first day on which students will be present in the building, whichever is later. Any 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, PO Box 570, Jefferson City, MO 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. However, SCI recommends all fixtures be tested once they have been remediated. Once all fixtures have been tested and are below the action level, the school shall test the potable drinking water 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

Jessica B. Keeven, CHMM

Senior Scientist

BLL/JBK/rah

Enclosure

Lead Drinking Water Sampling Plan Lead Testing Results



<u>NOTES/LEGEND</u> RESULTS GREATER THAN THE ACTION LEVEL OF 5 PARTS PER BILLION

RESULTS LESS THAN THE ACTION LEVEL OF 5 PARTS PER BILLION

O P F C

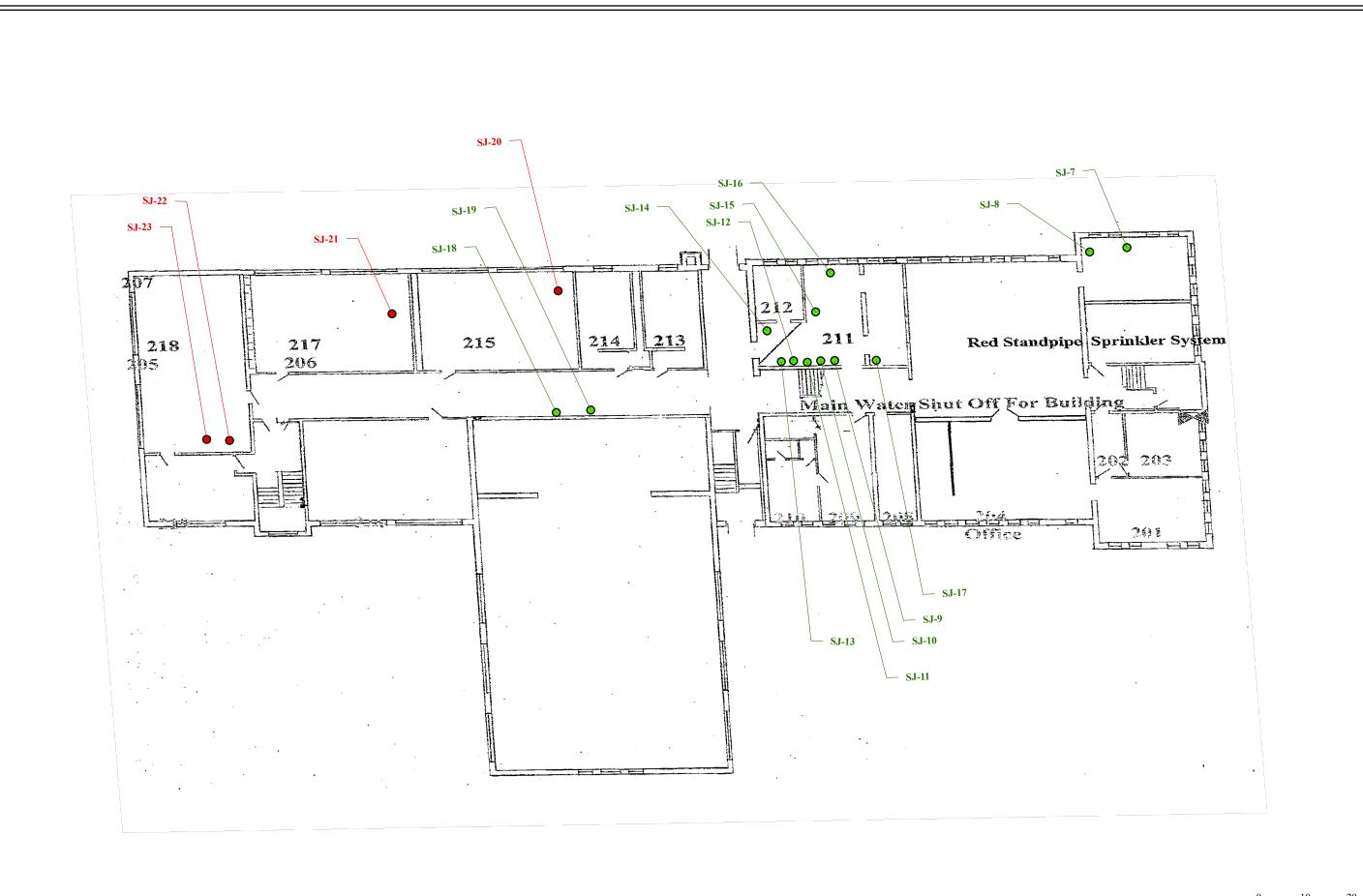
PROJECT NAME
MEHLVILLE SCHOOL DISTRICT
MOSAIC ELEMENTARY SCHOOL- 1ST FLOOR
ST. LOUIS, MISSOURI

LEAD DRINKING WATER SAMPLING PLAN

2016-0860.2T FIGURE DATE 03/07/2024 DRAWN BY

CHECKED BY

FIGURE





NOTES/LEGEND
RESULTS GREATER THAN THE ACTION LEVEL OF 5 PARTS PER BILLION RESULTS LESS THAN THE ACTION LEVEL OF 5 PARTS PER BILLION

FLC PIN

PROJECT NAME
MEHLVILLE SCHOOL DISTRICT
MOSAIC ELEMENTARY SCHOOL- 2ND FLOOR
ST. LOUIS, MISSOURI

LEAD DRINKING WATER SAMPLING PLAN



2016-0860.2T FIGURE DATE 03/07/2024 DRAWN BY

BLL



NOTES/LEGEND
RESULTS GREATER THAN THE ACTION LEVEL OF 5 PARTS PER BILLION

PROJECT NAME
MEHLVILLE SCHOOL DISTRICT
MOSAIC ELEMENTARY SCHOOL- 3RD FLOOR
ST. LOUIS, MISSOURI

LEAD DRINKING WATER SAMPLING PLAN

2016-0860.2T FIGURE DATE 03/07/2024 DRAWN BY

7.5

SCALE

CHECKED BY BLL

FIGURE



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

January 29, 2024

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

RE: 2016-0860.2T - MOSAIC

Dear Glenn Grissom:

Please find enclosed the analytical results for the **28** sample(s) the laboratory received on **1/2/24 3:35 pm** and logged in under work order **HA00067**. 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

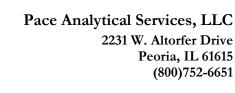


SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

	Work Order HA00067
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

Customer #: 72-105486 www.pacelabs.com



(800)752-6651



Case Narrative

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

Customer #: 72-105486



Sample: HA00067-01

Name: SJ - 1

Matrix: Drinking Water - Grab

Sampled: 12/22/23 21:42

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analy	sis - Pace Analytical	- Ormond	l Beach						
Lead	< 1	ug/L		12/22/23 21:42	1	1		PACE	EPA 200.8 REV 5.4
Sample: HA0 Name: SJ - 2 Matrix: Drin							Sampled: 12/22/ Received: 01/02/		
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analy	sis - Pace Analytical	- Ormond	l Beach						
Lead	< 1	ug/L		12/22/23 21:43	1	1		PACE	EPA 200.8 REV 5.4
Sample: HA0 Name: SJ - 3 Matrix: Drir							Sampled: 12/22/ Received: 01/02/		
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analy	sis - Pace Analytical	- Ormond	l Beach						
Lead	2.9	ug/L		12/22/23 21:44	1	1		PACE	EPA 200.8 REV 5.4
Sample: HA0 Name: SJ - 4 Matrix: Drin							Sampled: 12/22/ Received: 01/02/		
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analy	sis - Pace Analytical	- Ormond	Beach						



Sample: HA00067-05

Name: SJ - 5

Matrix: Drinking Water - Grab

Sampled: 12/22/23 21:50

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pace	Analytical	- Ormond	l Beach						
Lead	6.9	ug/L		12/22/23 21:50	1	1		PACE	EPA 200.8 REV 5.4
Sample: HA00067-06 Name: SJ - 6							Sampled: 12/22 Received: 01/02		

Matrix: Drinking Water - Grab

Parameter Result Unit Qualifier Prepared Dilution MRL Analyzed Analyst Method

Subcontracted Analysis - Pace Analytical - Ormond Beach

1

12/22/23 21:52

2.1 ug/L

Sample: HA00067-07 Sampled: 12/22/23 21:57

Name: SJ - 7

Lead

Matrix: Drinking Water - Grab

Received: 01/02/24 15:35

PACE

EPA 200.8 REV 5.4

Unit Qualifier Dilution MRL Method Parameter Result Prepared Analyzed Analyst Subcontracted Analysis - Pace Analytical - Ormond Beach Lead < 1 ug/L 12/22/23 21:57 1 1 PACE EPA 200.8 REV 5.4

Sample: HA00067-08 **Name:** SJ - 8

Matrix: Drinking Water - Grab

Sampled: 12/22/23 21:58

Received: 01/02/24 15:35

Parameter Result Unit Qualifier Prepared Dilution MRL Analyzed Analyst Method Subcontracted Analysis - Pace Analytical - Ormond Beach 12/22/23 21:58 PACE EPA 200.8 REV 5.4 Lead ug/L



Sample: HA00067-09

Name: SJ-9

Matrix: Drinking Water - Grab

Sampled: 12/22/23 22:00

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pace	Analytical	- Ormond	l Beach						
Lead	< 1	ug/L		12/22/23 22:00	1	1		PACE	EPA 200.8 REV 5.4
Sample: HA00067-10							ampled: 12/22		

Name: SJ - 10

Matrix: Drinking Water - Grab

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pace	Analytical	- Ormond	Beach						
Lead	< 1	ug/L		12/22/23 22:02	1	1		PACE	EPA 200.8 REV 5.4

Sample: HA00067-11 Name: SJ - 11

Matrix: Drinking Water - Grab

Sampled: 12/22/23 22:04

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pace	Analytical	- Ormond	Beach						
Lead	1.4	ug/L	1	12/22/23 22:04	1	1		PACE	EPA 200.8 REV 5.4

Sample: HA00067-12 Name: SJ - 12

Matrix: Drinking Water - Grab

Sampled: 12/22/23 22:05

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysi	is - Pace Analytical	- Ormond	Beach			-			
Lead	< 1	ug/L	1	2/22/23 22:05	1	1		PACE	EPA 200.8 REV 5.4



Sample: HA00067-13 Name: SJ - 13

Matrix: Drinking Water - Grah

Sampled: 12/22/23 22:06

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pag	ce Analytical	- Ormond	Beach						
Lead	1.7	ug/L		12/22/23 22:06	1	1		PACE	EPA 200.8 REV 5.4
Sample: HA00067-14 Name: SJ - 14 Matrix: Drinking Wa							Sampled: 12/22 Received: 01/02		
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pag	ce Analytical	- Ormond	Beach						
Lead	< 1	ug/L		12/22/23 22:07	1	1		PACE	EPA 200.8 REV 5.4

Sample: HA00067-15 Sampled: 12/22/23 22:08 Name: SJ - 15 Received: 01/02/24 15:35

Prepared

Qualifier

Matrix: Drinking Water - Grab

Result

Unit

Parameter

Subcontracted Analysis - Pace Analytical - Ormond Beach									
Lead	< 1 ug/L	12/22/23 22:08	1	1	PACE	EPA 200.8 REV 5.4			

Dilution

MRL

Analyzed

Analyst

Sample: HA00067-16 Sampled: 12/22/23 22:11 Name: SJ - 16 Received: 01/02/24 15:35

Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method	
Subcontracted Analysis - Pace Analytical - Ormond Beach										
Lead	< 1	ug/L	1.	2/22/23 22:11	1	1		PACE	EPA 200.8 REV 5.4	

Method



Sample: HA00067-17 **Name:** SJ - 17

- 11 D

Matrix: Drinking Water - Grab

Sampled: 12/22/23 22:12

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pace	<u>Analytical</u>	- Ormond	Beach						
Lead	< 1	ug/L		12/22/23 22:12	1	1		PACE	EPA 200.8 REV 5.4
Sample: HA00067-18 Name: SJ - 18 Matrix: Drinking Wate	r - Grab						Sampled: 12/22 Received: 01/02	/23 22:14 /24 15:35	
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pace	Analytical	- Ormond	Beach						
Lead	< 1	ug/L		12/22/23 22:14	1	1		PACE	EPA 200.8 REV 5.4

Sample: HA00067-19 **Name:** SJ - 19

Matrix: Drinking Water - Grab

Sampled: 12/22/23 22:14

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis -	Pace Analytical	- Ormond	Beach						
Lead	< 1	ua/L		12/22/23 22:14	1	1		PACE	EPA 200.8 REV 5.4

Sample: HA00067-20 **Name:** SJ - 20

Matrix: Drinking Water - Grab

Sampled: 12/22/23 22:15 **Received:** 01/02/24 15:35

Analyzed Analyst Method

Subcontracted Analysis - Pace Analytical - Ormond Beach

Result

Unit

Qualifier

Lead 8.3 ug/L 12/22/23 22:15 1 1 PACE EPA 200.8 REV 5.4

Dilution

MRL

Prepared

Parameter



Sample: HA00067-21 Name: SJ - 21

Matrix: Drinking Water - Grab

Sampled: 12/22/23 22:18

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pace	e Analytical	- Ormond	Beach						
Lead	8.7	ug/L		12/22/23 22:18	1	1		PACE	EPA 200.8 REV 5.4
Sample: HA00067-22							Sampled: 12/22		

Matrix: Drinking Water - Grab

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pace A	nalytical -	Ormond Be	each_						
Lead	6.7	ug/L	•	12/22/23 22:20	1	1		PACE	EPA 200.8 REV 5.4

Sample: HA00067-23 Name: SJ - 23

Matrix: Drinking Water - Grab

Sampled: 12/22/23 22:20

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pace	Analytical	- Ormond	Beach						
Lead	7.9	ug/L		12/22/23 22:20	1	1		PACE	EPA 200.8 REV 5.4

Sample: HA00067-24 Name: SJ - 24

Matrix: Drinking Water - Grab

Sampled: 12/22/23 22:24

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis	s - Pace Analytical	- Ormond	Beach_						
Lead	11.3	ug/L		12/22/23 22:24	1	1		PACE	EPA 200.8 REV 5.4



Sample: HA00067-25 Name: SJ - 25

Sampled: 12/22/23 22:26

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pace	Analytical	- Ormond	Beach						
Lead	21.0	ug/L		12/22/23 22:26	1	1		PACE	EPA 200.8 REV 5.4
Sample: HA00067-26 Name: SJ - 26 Matrix: Drinking Wate	er - Grab						Sampled: 12/22 Received: 01/02		
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pace	Analytical	- Ormond	Beach_						
Lead	11.8	ug/L		12/22/23 22:27	1	1		PACE	EPA 200.8 REV 5.4

Sample: HA00067-27 Name: SJ - 27

Matrix: Drinking Water - Grab

Sampled: 12/22/23 22:29

Received: 01/02/24 15:35

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Subcontracted Analysis - Pace	Analytical	- Ormond E	Beach_						
Lead	14.9	ug/L		12/22/23 22:29	1	1		PACE	EPA 200.8 REV 5.4

Dilution

Prepared

12/22/23 22:30

Sample: HA00067-28 Name: SJ - 28

Matrix: Drinking Water - Grab

Subcontracted Analysis - Pace Analytical - Ormond Beach

Result

Unit

ug/L

Qualifier

Sampled: 12/22/23 22:30 Received: 01/02/24 15:35

MRL Analyzed Analyst Method

PACE

Parameter

Lead

EPA 200.8 REV 5.4



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limi
Batch [none] - DW 200.8 no prep - EPA 200.8 REV 5.4									
BLK (BATCH-BLK1 (Water))				Prepared &	Analyzed:				
Lead	< 0.2	ug/L			-		0-0		0
BS (BATCH-BS1 (Water))				Prepared &	Analyzed:				
Lead	< 0.2	ug/L					85-115		20
MS (BATCH-MS1 (Water))				Prepared &	Analyzed:				
Lead	< 0.2	ug/L					70-130		20
MSD (BATCH-MSD1 (Water))				Prepared &	Analyzed:				
Lead	< 0.2	ug/L					70-130		20



Pace Analytical Services, LLC 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





January 08, 2024

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

RE: Project: HA00067

Pace Project No.: 35851644

Dear Chenise Lambert-Sykes:

Enclosed are the analytical results for sample(s) received by the laboratory on January 04, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

• Pace Analytical Services - Ormond Beach

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

Sincerely,

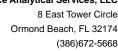
Brad Smith brad.smith@pacelabs.com (386) 672-5668

Bradles Smith

Project Manager

Enclosures







CERTIFICATIONS

Project: HA00067 Pace Project No.: 35851644

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST Alabama Certification #: 41320 California Certification# 3096

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

DoD-ANAB #:ADE-3199 Florida Certification #: E83079 Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383 Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maine Certification #: FL01264

Maryland Certification: #346

Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236 Montana Certification #: Cert 0074 Nebraska Certification: NE-OS-28-14 New Hampshire Certification #: 2958 New Jersey Certification #: FL022 New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710 North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947 Pennsylvania Certification #: 68-00547 Puerto Rico Certification #: FL01264 South Carolina Certification: #96042001 Tennessee Certification #: TN02974 Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity



SAMPLE ANALYTE COUNT

Project: HA00067
Pace Project No.: 35851644

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35851644001	HA00067-01	EPA 200.8	BSL	1	PASI-O
35851644002	HA00067-02	EPA 200.8	BSL	1	PASI-O
35851644003	HA00067-03	EPA 200.8	BSL	1	PASI-O
35851644004	HA00067-04	EPA 200.8	BSL	1	PASI-O
35851644005	HA00067-05	EPA 200.8	BSL	1	PASI-O
35851644006	HA00067-06	EPA 200.8	BSL	1	PASI-O
35851644007	HA00067-07	EPA 200.8	BSL	1	PASI-O
35851644008	HA00067-08	EPA 200.8	BSL	1	PASI-O
35851644009	HA00067-09	EPA 200.8	BSL	1	PASI-O
35851644010	HA00067-10	EPA 200.8	BSL	1	PASI-O
35851644011	HA00067-11	EPA 200.8	BSL	1	PASI-O
35851644012	HA00067-12	EPA 200.8	BSL	1	PASI-O
35851644013	HA00067-13	EPA 200.8	BSL	1	PASI-O
35851644014	HA00067-14	EPA 200.8	BSL	1	PASI-O
35851644015	HA00067-15	EPA 200.8	BSL	1	PASI-O
35851644016	HA00067-16	EPA 200.8	BSL	1	PASI-O
35851644017	HA00067-17	EPA 200.8	BSL	1	PASI-O
35851644018	HA00067-18	EPA 200.8	BSL	1	PASI-O
35851644019	HA00067-19	EPA 200.8	BSL	1	PASI-O
35851644020	HA00067-20	EPA 200.8	BSL	1	PASI-O
35851644021	HA00067-21	EPA 200.8	BSL	1	PASI-O
35851644022	HA00067-22	EPA 200.8	BSL	1	PASI-O
35851644023	HA00067-23	EPA 200.8	BSL	1	PASI-O
35851644024	HA00067-24	EPA 200.8	BSL	1	PASI-O
35851644025	HA00067-25	EPA 200.8	BSL	1	PASI-O
35851644026	HA00067-26	EPA 200.8	BSL	1	PASI-O
35851644027	HA00067-27	EPA 200.8	BSL	1	PASI-O
35851644028	HA00067-28	EPA 200.8	BSL	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-01	Lab ID: 358	351644001	Collected: 12/22/2	23 22:42	Received: 0	1/04/24 10:25	Matrix: Drinking	Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual		
200.8 MET ICPMS Drinking Water	•	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach								
Lead	ND	ug/L	1.0	1		01/07/24 22:16	7439-92-1			



Project: HA00067
Pace Project No.: 35851644

Sample: HA00067-02	Lab ID: 358	51644002	Collected:	12/22/2	3 22:43	Received: 0'	1/04/24 10:25	Matrix: Drinking	Water			
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual			
200.8 MET ICPMS Drinking Water	•	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach										
Lead	ND	ug/L		1.0	1		01/07/24 22:1	8 7/30-02-1				



Project: HA00067
Pace Project No.: 35851644

Sample: HA00067-03	Lab ID: 358	51644003	Collected:	12/22/2	23 22:44	Received: 0'	1/04/24 10:25	Matrix: Drinking	Water		
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual		
200.8 MET ICPMS Drinking Water	•	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach									
Lead	2.9	ug/L		1.0	1		01/07/24 22:1	9 7439-92-1			



Project: HA00067
Pace Project No.: 35851644

Sample: HA00067-04	Lab ID: 35	851644004	Collected: 12/22/	23 22:48	Received: 01	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me		00.8 Ormond Beach					
Lead	8.9	ua/l	1.0	1		01/07/24 22:2	1 7/130-02-1	



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-05	Lab ID: 35	851644005	Collected: 12/22	23 22:50	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me		0.8 Ormond Beach					
Lead	6.9	ug/l	1.0	1		01/07/24 22:2	2 7/30-02-1	



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-06	Lab ID: 35	351644006	Collected: 12/22/2	23 22:52	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	hod: EPA 20	0.8					
	Pace Analytic	al Services -	Ormond Beach					
						01/07/24 22:2		



Project: HA00067
Pace Project No.: 35851644

Sample: HA00067-07	Lab ID: 35	851644007	Collected: 12/22/	23 22:57	Received: 0°	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me							
	Pace Analytic	cal Services -	Ormond Beach					
Lead	ND	ua/l	1.0	1		01/07/24 22:2	5 7/30-02-1	



Project: HA00067
Pace Project No.: 35851644

Sample: HA00067-08	Lab ID: 358	351644008	Collected: 12/2	2/23 22:58	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limi	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	thod: EPA 200	0.8					
	Pace Analytic	al Services -	Ormond Beach					
							6 7439-92-1	



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-09	Lab ID: 35	851644009	Collected: 12/22/2	23 23:00	Received: 0	01/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me		00.8 - Ormond Beach					
Lead	ND	ug/L	1.0	1		01/07/24 22:28	3 7439-92-1	



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-10	Lab ID: 35	851644010	Collected:	12/22/2	23 23:02	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	ethod: EPA 20	00.8						
	Pace Analyti	cal Services -	Ormond Bea	ach					



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-11	Lab ID: 358	351644011	Collected: 12/22/2	23 23:04	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met		00.8 Ormond Beach					
Lead	1.4	ug/L	1.0	1		01/07/24 22:33	3 7439-92-1	



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-12	Lab ID: 358	51644012	Collected:	12/22/2	3 23:05	Received: 0°	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met								
	Pace Analytic	al Services -	Ormand Rea	ach					
	1 doo 7 mary not	ai Ocivioco	Omnona Bo	uon					



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-13	Lab ID: 358	351644013	Collected: 12/22/2	23 23:06	Received: 0°	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met		00.8 Ormond Beach					
Lead	1.7	ug/L	1.0	1		01/07/24 22:4	5 7439-92-1	



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-14	Lab ID: 358	351644014	Collected: 12/22/2	23 23:07	Received: 0°	1/04/24 10:25	Matrix: Drinking	Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual		
200.8 MET ICPMS Drinking Water	•	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach								
Lead	ND	ug/L	1.0	1		01/07/24 22:49	9 7439-92-1			



Project: HA00067
Pace Project No.: 35851644

Sample: HA00067-15	Lab ID: 358	351644015	Collected: 12/22/2	23 23:08	Received: 0	1/04/24 10:25	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met		00.8 Ormond Beach					
Lead	ND	ug/L	1.0	1		01/07/24 22:5	1 7439-92-1	



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-16	Lab ID: 35	851644016	Collected:	12/22/2	23 23:11	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8						
	Pace Analytic	cal Services -	Ormond Bea	ach					



Project: HA00067
Pace Project No.: 35851644

Sample: HA00067-17	Lab ID: 358	51644017	Collected: 12/22/2	23 23:12	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met		0.8 Ormond Beach					
Lead	ND	ug/L				01/07/24 22:5		



Project: HA00067
Pace Project No.: 35851644

Sample: HA00067-18	Lab ID: 358	51644018	Collected: 12/22/2	23 23:14	Received: 0°	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met		0.8 Ormond Beach					
Lead	ND	ug/L	1.0	1		01/07/24 22:5	5 7439-92-1	



Project: HA00067
Pace Project No.: 35851644

Sample: HA00067-19	Lab ID: 358	51644019	Collected: 12/22/2	23 23:14	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	0.8					
	Pace Analytic	al Services -	Ormond Beach					
	ND					01/07/24 22:56		



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-20	Lab ID: 358	351644020	Collected: 12/22/2	23 23:15	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met		00.8 Ormond Beach					
Lead	8.3	ug/L	1.0	1		01/07/24 22:58	3 7439-92-1	



Project: HA00067
Pace Project No.: 35851644

Sample: HA00067-21	Lab ID: 358	51644021	Collected: 1	12/22/2	3 23:18	Received: 01	/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report L	_imit _	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	0.8						
	Pace Analytica	al Services - 0	Ormond Beac	ch					
Lead	8.7	ug/L		1.0	1		01/07/24 22:5	0 7/30-02-1	



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-22	Lab ID: 358	351644022	Collected: 12/22/2	23 23:20	Received: 0°	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met		00.8 Ormond Beach					
Lead	6.7	ug/L	1.0	1		01/07/24 23:00	7439-92-1	



Project: HA00067
Pace Project No.: 35851644

Sample: HA00067-23	Lab ID: 35851644023		Collected: 12/22/23 23:20			Received: 0'	Water		
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met			ach					
Lead	7.9	ug/L		1.0	1		01/07/24 23:0	2 7420 02 4	



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-24	Lab ID: 358	51644024	Collected: 12/22/2	23 23:24	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met		00.8 Ormond Beach					
Lead	11.3	ug/L	1.0	1		01/07/24 23:06	7439-92-1	



Project: HA00067
Pace Project No.: 35851644

1 400 1 10,000 110 0000 10 11								
Sample: HA00067-25	Lab ID: 35	851644025	Collected: 12/22/2	23 23:26	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me		00.8 Ormond Beach					
Lead	21.0	ug/L	1.0	1		01/07/24 23:0	8 7439-92-1	



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-26	Lab ID: 3	851644026	Collected:	12/22/2	23 23:27	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	ethod: EPA 20	00.8						
	Pace Analyti	cal Services -	Ormond Bea	ach					



Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Sample: HA00067-27	Lab ID: 35	851644027	Collected:	12/22/2	3 23:29	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8						
	Pace Analytic	al Services -	Ormond Bea	ach					



Project: HA00067
Pace Project No.: 35851644

Sample: HA00067-28	Lab ID: 358	51644028	Collected: 12/22/2	23 23:30	Received: 0	1/04/24 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	5.3	ug/L	1.0	1		01/07/24 23:12	7439-92-1	



QUALITY CONTROL DATA

Project: HA00067 35851644 Pace Project No.:

QC Batch: EPA 200.8 978726 Analysis Method:

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

> Pace Analytical Services - Ormond Beach Laboratory:

Associated Lab Samples: 35851644001, 35851644002, 35851644003, 35851644004, 35851644005, 35851644006, 35851644007,

35851644008, 35851644009, 35851644010, 35851644011

METHOD BLANK: 5384787 Matrix: Water

35851644001, 35851644002, 35851644003, 35851644004, 35851644005, 35851644006, 35851644007, Associated Lab Samples:

35851644008, 35851644009, 35851644010, 35851644011

Blank Reporting

Parameter Units Result I imit Analyzed Qualifiers

Lead ug/L ND 1.0 01/07/24 22:38

LABORATORY CONTROL SAMPLE: 5384788

Date: 01/08/2024 12:12 PM

LCS LCS Spike % Rec Limits Parameter Units Conc. Result % Rec Qualifiers Lead ug/L 50 51.2 102 85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5384783 5384784

MS MSD 35851638002 Spike Spike MS MSD MS MSD % Rec Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits

MS

RPD ND Lead 50 50 52.0 52.0 102 102 70-130 0 ug/L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5384785 5384786

MSD 35851644011 Spike Spike MS MSD MS MSD % Rec Parameter RPD Units Result Conc. Conc. Result Result % Rec % Rec Limits Qual ug/L Lead 1.4 50 50 51.7 51.2 101 100 70-130 1

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

REPORT OF LABORATORY ANALYSIS

Qual



Lead

QUALITY CONTROL DATA

Project: HA00067 Pace Project No.: 35851644

QC Batch: 978728 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35851644012, 35851644013, 35851644014, 35851644015, 35851644016, 35851644017, 35851644018,

35851644019, 35851644020, 35851644021, 35851644022, 35851644023, 35851644024, 35851644025,

35851644026, 35851644027, 35851644028

METHOD BLANK: 5384797 Matrix: Water

Associated Lab Samples: 35851644012, 35851644013, 35851644014, 35851644015, 35851644016, 35851644017, 35851644018,

35851644019, 35851644020, 35851644021, 35851644022, 35851644023, 35851644024, 35851644025,

35851644026, 35851644027, 35851644028

Parameter Units Blank Reporting Result Limit Analyzed Qualifiers

ug/L ND 1.0 01/07/24 23:23

LABORATORY CONTROL SAMPLE: 5384798

Date: 01/08/2024 12:12 PM

LCS LCS % Rec Spike Parameter Units Conc. Result % Rec Limits Qualifiers Lead 50 50.0 100 85-115 ug/L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5384793 5384794

MSD MS 35851644012 Spike Spike MS MSD MS MSD % Rec Parameter Units Conc. Result % Rec % Rec Limits **RPD** Qual Result Conc. Result ND Lead ug/L 50 51.4 102 70-130 50 51.7 102

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5384795 5384796

MS MSD MS % Rec 35851645003 Spike Spike MSD MS MSD **RPD** Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits Qual ug/L ND 50 50 50.4 50.6 100 100 70-130 0 Lead

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



QUALIFIERS

Project: HA00067 Pace Project No.: 35851644

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HA00067
Pace Project No.: 35851644

Date: 01/08/2024 12:12 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35851644001	HA00067-01	EPA 200.8	978726		
35851644002	HA00067-02	EPA 200.8	978726		
35851644003	HA00067-03	EPA 200.8	978726		
35851644004	HA00067-04	EPA 200.8	978726		
35851644005	HA00067-05	EPA 200.8	978726		
35851644006	HA00067-06	EPA 200.8	978726		
35851644007	HA00067-07	EPA 200.8	978726		
35851644008	HA00067-08	EPA 200.8	978726		
35851644009	HA00067-09	EPA 200.8	978726		
35851644010	HA00067-10	EPA 200.8	978726		
35851644011	HA00067-11	EPA 200.8	978726		
35851644012	HA00067-12	EPA 200.8	978728		
35851644013	HA00067-13	EPA 200.8	978728		
35851644014	HA00067-14	EPA 200.8	978728		
35851644015	HA00067-15	EPA 200.8	978728		
35851644016	HA00067-16	EPA 200.8	978728		
35851644017	HA00067-17	EPA 200.8	978728		
35851644018	HA00067-18	EPA 200.8	978728		
35851644019	HA00067-19	EPA 200.8	978728		
35851644020	HA00067-20	EPA 200.8	978728		
35851644021	HA00067-21	EPA 200.8	978728		
35851644022	HA00067-22	EPA 200.8	978728		
35851644023	HA00067-23	EPA 200.8	978728		
35851644024	HA00067-24	EPA 200.8	978728		
35851644025	HA00067-25	EPA 200.8	978728		
35851644026	HA00067-26	EPA 200.8	978728		
35851644027	HA00067-27	EPA 200.8	978728		
35851644028	HA00067-28	EPA 200.8	978728		

WO#:35851644

35851544

SUBCONTRACT ORDER Transfer Chain of Custody

Pace Analytical Services, LLC
HA00067

SENDING LABORATORY

PDC Laboratories, Inc. 2231 W Altorfer Dr Peoria, IL 61615 (800) 752-6651 RECEIVING LABORATORY

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

Sample: HA00067-01

Name: SJ - 1

Sampled: 12/22/23 21:42

Matrix: Drinking Water Preservative: HNO3, pH <2

01-Pb 200.8 DW Schools 01/15/24 16:00 06/19/24 21:42
01-Pb 200,8 DW Schools 01/15/24 16:00 06/19/24 21:42

Sample: HA00067-02 Name: SJ - 2

Sampled: 12/22/23 21:43

Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:43		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:43		

Sample: HA00067-03 Name: SJ - 3

Sampled: 12/22/23 21:44

Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:44		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:44		

Sample: HA00067-04 Name: SJ - 4

Sampled: 12/22/23 21:48

Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:48	#1	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:48		

Pace Analytical Services, LLC HA00067

SENDING LABORATORY

PDC Laboratories, Inc. 2231 W Altorfer Dr Peoria, IL 61615 (800) 752-6651

RECEIVING LABORATORY

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

Sample: HA00067-05

Name: SJ - 5

Sampled: 12/22/23 21:50 Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
01-Pb 200,8 DW Schools	01/15/24 16:00	06/19/24 21:50	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:50	

Sample: HA00067-06 Name: SJ - 6

Sampled: 12/22/23 21:52 Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:52		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:52		

Sample: HA00067-07 Name: SJ - 7

Sampled: 12/22/23 21:57 Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:57		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:57		

Sample: HA00067-08

Name: SJ-8

Sampled: 12/22/23 21:58 Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:58		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 21:58		

Pace Analytical Services, LLC HA00067

SENDING LABORATORY

PDC Laboratories, Inc. 2231 W Altorfer Dr Peoria, IL 61615 (800) 752-6651

RECEIVING LABORATORY

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

Sample: HA00067-09 Name: SJ - 9

Sampled: 12/22/23 22:00
Matrix: Drinking Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:00	<u> </u>
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:00	

Sample: HA00067-10 Name: SJ - 10

Sampled: 12/22/23 22:02
Matrix: Drinking Water
Preservative: HNO3, pH <2

Analysis	Due	¥	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00		06/19/24 22:02		
01-Pb 200.8 DW Schools	01/15/24 16:00		06/19/24 22:02		

Sample: HA00067-11 Name: SJ - 11

Sampled: 12/22/23 22:04 Matrix: Drinking Water

Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:04		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:04		

Sample: HA00067-12 Name: SJ - 12

Sampled: 12/22/23 22:05

Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:05		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:05		

Pace Analytical Services, LLC HA00067

SENDING LABORATORY

PDC Laboratories, Inc. 2231 W Altorfer Dr Peoria, IL 61615 (800) 752-6651

RECEIVING LABORATORY

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

Sample: HA00067-13 Name: SJ - 13

Sampled: 12/22/23 22:06
Matrix: Drinking Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:06		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:06		

Sample: HA00067-14 Name: SJ - 14

Sampled: 12/22/23 22:07 Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:07		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:07		

Sample: HA00067-15 Name: SJ - 15

Sampled: 12/22/23 22:08
Matrix: Drinking Water
Preservative: HNO3, pH <2

07/10/27/12.00	Analysis	Due	Expires	Comments
1-Pb 200.8 DW Schools 01/15/24 16:00 06/19/24 22:08	01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:08	
	01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:08	

Sample: HA00067-16 Name: SJ - 16

Sampled: 12/22/23 22:11 Matrix: Drinking Water

Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:11		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:11		

SUBCONTRACT ORDER

Transfer Chain of Custody

Pace Analytical Services, LLC HA00067

SENDING LABORATORY

PDC Laboratories, Inc. 2231 W Altorfer Dr Peoria, IL 61615 (800) 752-6651

RECEIVING LABORATORY

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

Sample: HA00067-17 **Name:** SJ - 17

Sampled: 12/22/23 22:12 Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:12		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:12		

Sample: HA00067-18 **Name:** SJ - 18

Sampled: 12/22/23 22:14 Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
01-Pb 200,8 DW Schools	01/15/24 16:00	06/19/24 22:14	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:14	

Sample: HA00067-19 Name: SJ - 19

Sampled: 12/22/23 22:14 Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00 01/15/24 16:00	06/19/24 22:14		
OT-1 D 200.0 DVV 3CHOOIS	01/15/24 16:00	06/19/24 22:14		

Sample: HA00067-20 Name: SJ - 20

Sampled: 12/22/23 22:15 Matrix: Drinking Water

Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:15	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:15	

Pace Analytical Services, LLC HA00067

SENDING LABORATORY

PDC Laboratories, Inc. 2231 W Altorfer Dr Peoria, IL 61615 (800) 752-6651

RECEIVING LABORATORY

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

Sample: HA00067-21 Name: SJ - 21

Sampled: 12/22/23 22:18
Matrix: Drinking Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:18		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:18		

Sample: HA00067-22 Name: SJ - 22

Sampled: 12/22/23 22:20
Matrix: Drinking Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:20		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:20		

Sample: HA00067-23 Name: SJ - 23

Sampled: 12/22/23 22:20 Matrix: Drinking Water

Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools 01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:20		
OT-PD 200.8 DVV SCHOOLS	01/15/24 16:00	06/19/24 22:20		

Sample: HA00067-24 Name: SJ - 24

Sampled: 12/22/23 22:24
Matrix: Drinking Water
Preservative: HNO3, pH <2

 Analysis
 Due
 Expires
 Comments

 01-Pb 200,8 DW Schools
 01/15/24 16:00
 06/19/24 22:24

 01-Pb 200,8 DW Schools
 01/15/24 16:00
 06/19/24 22:24

Pace Analytical Services, LLC HA00067

SENDING LABORATORY

PDC Laboratories, Inc. 2231 W Altorfer Dr Peoria, IL 61615 (800) 752-6651

RECEIVING LABORATORY

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

Sample: HA00067-25 Name: SJ - 25 Sampled: 12/22/23 22:26
Matrix: Drinking Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:26	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:26	

Sample: HA00067-26 Name: SJ - 26

Sampled: 12/22/23 22:27
Matrix: Drinking Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools 01-Pb 200.8 DW Schools	01/15/24 16:00 01/15/24 16:00	06/19/24 22:27 06/19/24 22:27		

Sample: HA00067-27 Name: SJ - 27

Sampled: 12/22/23 22:29
Matrix: Drinking Water

Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:29		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:29		

Sample: HA00067-28 Name: SJ - 28

Sampled: 12/22/23 22:30

Matrix: Drinking Water Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments	
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:30		
01-Pb 200.8 DW Schools	01/15/24 16:00	06/19/24 22:30		

Pace Analytical Services, LLC HA00067

CNS		emse cambert-sykes	at Chenise.Lain	bert-Sykes@pacelabs.com	
Date Shipped:	- 1/3/24/ Total # 0	of Containers: <u>28</u>	Sample Origin	(State): PO #:	
Turn-Around Time R	Requested NORM	AL RUSH	Date Resi	ults Needed: 1/14/24	
- Cull	3/24 1457	TS1/pace	- 1/4/23100	Sample Temperature Upon Receipt Sample(s) Received on Ice	Y or N
Relinquished By	Date/Time	Received By	Date/Time	Proper Bottles Received in Good Condition Bottles Filled with Adequate Volume	Y or N Y or N
				Samples Received Within Hold Time	Y or N
Relinquished By	Date/Time	Received By	Date/Time	Date/Time Taken From Sample Bottle	Y or N

DC#_Title: ENV-FRM-ORB1-0093 Sample Condition Upon Receipt Form Version: 5 | Effective Date: 4/4/2023 | Issued by: Ormond Beach

Project #

Sample Condition Upon Receipt Form (SCUR)

Date and Initials of person:

Decised M.	PM: BTS Due Dat	e: 01/11/24	E	xamining contents:
	CLIENT: PACHAZ		La	abel:
Client:				1 0
			Di	eliver:
Tallon	1111/21	1 - 2	pl	tt
Thermometer Used:	Date: // U/ L9	ICL	. 1	ZAB
	7	Time:	In	itials:
State of Origin:	☐ For WV projects, all contains	rs verified to ≤6 °C		
Cooler#1 Temp.°C 6'4 (Visual)	C (Correction Factor)	9	Samples on in	online and the
Cooler #2 Temp.°C 7 (Visual)	(Correction Factor)	2900.00 60		e, cooling process has begun.
Cooler#3 Temp.°C 15 (Visual)	(Correction Factor) 5.5			e, cooling process has begun,
Cooler #4 Temp.°C VI- 5 (Visual)	(Correction Factor)			e, cooling process has begun.
Cooler #5 Temp.°C 5 % (Visual)	(Correction Factor)	(Actual)	Samples on ic	e, cooling process has begun.
Cooler #6 Temp.*c (Visual)	1/ 15	(Actual)	Samples on ic	e, cooling process has begun.
	(Correction Factor)	(Actual)	Samples on ic	e, cooling process has begun.
Recheck for OOT °C(Visual)	(Correction Factor)	(Actual) Ti	me:	Initials:
Courier: □ red Ex □UPS □USPS □Client □Com				
Shipping Method: Standard Overnight First Overn	iight ∰Priority Overnight □Ground □	International Priority [☐Other:	
Billing: □Recipient □Sender □Third Party □Credit	Card □Unknown			
Tracking # 1003 +80 485				
Custody Seal Present: □Yes ☑No Seal properly pla	ced and intact: □Yes □No		ca: 🗆 Wat 🗇 D	
Packing Material: Bubble Wrap Bubble Bags			ce. 🗆 wet 🗆 🖽	ue Dry None Melted
Samples shorted to lab: Yes No (If yes, complete the				
Shorted Date:	ne rollowing)			
Bottle Quantity / Type:				Shorted Time:
Present: ØYes □No Filled Out:	⊠Yes □No □N/A Sampler Name: □	/		
Chain of Custody:	Dava I S	res UNo UN/A		
Samples Arrived within Hold Time.	□N/A Sampling Date(s): □Yes □No	ON/A Sampling Time	(s): Ves No	□N/A
Rush Turnaround Requested on COC	Yes ONO ON/A	Comments:		
Sufficient Volume	☐Yes ☐N/A	Comments:		
Correct Containers Used	⊟Yes □No □N/A	Comments:		
Containers Intact	Yes No N/A	Comments		
Sample Labels Match COC (Sample ID, Date/Time of Collection	ction)	Comments:		
All containers needing acid / base preservation have been o	IN/A	Sommand,		
been of the bearing acid / base preservation have been of	checked Pres No N/A			vation Information
All containers needing		Preservative:		Date:
All containers needing preservation are found to be in comp EPA recommendation:	liance with Yes No N/A	Lot / Trace:		Time:
Exceptions: Vials, Microbiology,		Amount added (m	nl)·	
Headspace in Volatile Vials? (>6mm):	/	-		Initials:
Trip Blank Present:	□Yes □No □N/A □Yes □No □N/A			
Comments / Resolutions (use back for additional comme				
, additional confine	entaj.			
	2			
	8			

DC#_Title: ENV-FRM-ORB1-0093 Sample Condition Upon Receipt Form Version: 5 | Effective Date: 4/4/2023 | Issued by: Ormond Beach

Project #

Sample Condition Upon Receipt Form (SCUR)

WO#: 35851644

PM: BTS

Due Date: 01/11/24

Pace

Date and Initials of person:

Examining contents:

Project Manager: CLIENT:	POCH	7	- wate	01/11/24			
Client:	- ach	12				Label:	11
onone.						Deliver:	101
Thermometer Used:	114	/2	1	Time:	27	pH:	ZAB
State of Origin:	Table District			-		Initials:	- 0 -
11 41 -011			1 / 5	verified to ≤6 °C			
	Correction		16.2	_(Actual)	☐Samples o	n ice, cooling	process has begun.
Coolso #2 T	Correction	10.7	10	_(Actual)	□Samples o	n ice, cooling	process has begun.
	Correction		15.5	_(Actual)	□ Samples o	n ice, cooling	process has begun.
17.5	Correction			_(Actual)	☐Samples or	n ice, cooling	process has begun.
	Correction		15.5	_(Actual)	☐Samples or	nice, cooling (process has begun.
	orrection		16.5	_(Actual)	☐Samples or	nice, cooling p	process has begun.
Recheck for OOT "C(Visual)(Courier: Fed Ex DUPS DUSPS Client Commercial D	Correction			(Actual)	Time:	Initia	s:
		□Other:					
Shipping Method: □Standard Overnight □First Overnight □Pric Billing: □Recipient □Sender □Third Party □Credit Card □Ui	inty Overnij nknown	ght ∐Gi	ound □in	ternational Priority	☐Other:		
Tracking #	IKIOWII						
Custody Seal Present: □Yes □No Seal properly placed and int	tantı 🗆 Və						
Packing Materials		i ⊔ivo			lce: □Wet [∃Blue □Dry	□None □Melted
Samples shorted to lab: Yes No (If yes, complete the following)	Other:						
Shorted Date:	I.						
Bottle Quantity / Type:						Shorte	d Time:
Chain of Custody: Present: Yes No Filled Out: Yes No	□N/A 5	Sampler I	Name: □Ye	es □No □N/A			
Relinquished To Pace: Yes No N/A Si	ampling D	ate(s):	Yes □No [□N/A Sampling T	ime(s): []Yes [No CINIA	
The state of the s	□Yes	□No	□N/A	Comments:		INO LINA	
Rush Turnaround Requested on COC	□Yes	□No	□N/A	Comments:			
Sufficient Volume.	□Yes	□No	□N/A	Comments:			
Correct Containers Used	□Yes	□No	□N/A	Comments:			
Containers intact.	□Yes	□No	□N/A	Comments:			
Sample Labels Match COC (Sample ID, Date/Time of Collection).	□Yes	□No	□N/A	Comments			
All containers needing acid / base preservation have been checked.	□Yes	□No	□N/A		Pre	servation Info	mation
				Preservative:		_ Date:	
All containers needing preservation are found to be in compliance with EPA recommendation:	□Yes	□No	□N/A	Lot / Trace:			
Exceptions: Vials, Microbiology, O&G, PFAS			DIWA.	Amount adde	d (mL):		s:
Headspace in Volatile Vials? (>6mm):	□Yes	□No	□N/A		- ()	, mitial	
Trip Blank Present:	□Yes	□No	□N/A				
Comments / Resolutions (use back for additional comments):				4			

Version: 5 | Effective Date: 4/4/2023 | Issued by: Ormond Beach

Project #

Project Manager:

Sample Condition Upon Receipt Form (SCUR)

Due Date: 01/11/24

CLIENT: PACHAZ

Date and Initials of person:

Examining contents:

CLIENT	PRCH	AZ				Label:
Client:						Deliver:
1924						pH:
T-400	114	170	ł	100	7	> 1 1
Thermometer Used: Date:	17	10		Time: [C U	, I	Initials:
State of Origin:	C For MA	rojesta	W 2 2			
Cooler#1 Temp.*d V, G (Visual)	Correction) LI · Q	verified to ≤6 °C		
15 9	Correction	100	15 8	_(Actual)		n ice, cooling process has begun.
12.7	Correction	-	136	_(Actual)		n ice, cooling process has begun
14.2	Correction	-	141	_(Actual)		n ice, cooling process has begun.
161.6	Correction I	7	4.7	_(Actual)		n ice, cooling process has begun
1.2	Correction I	7	5.0	_(Actual)		n ice, cooling process has begun.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Correction		1611	_(Actual)	⊔Samples or	n ice, cooling process has begun,
Courier: Fed Ex DUPS DUSPS Client Commercial		Other:		_(Actual)	Time:	Initials:
Shipping Method: □Standard Overnight □First Overnight □Price			ound Dis	tornational Data de	Пон	
Billing: □Recipient □Sender □Third Party □Credit Card □U	nknown	aur cadu	ound Lin	ternational Priority	□Other:	
Tracking #						
Custody Seal Present: ☐Yes ☐No Seal properly placed and in	tact: □Yes	. □No			I- (7)44 - 5	
Problem Motorials CD. Attacks	□Other:				ice: ⊔Wet L	□Blue □Dry □None □Melted
Samples shorted to lab: □Yes □No (if yes, complete the following						
Shorted Date:)					
Bottle Quantity / Type:						Shorted Time:
Chain of Custody:	DN/A €	Sampler N	lame: □Ye	es □No □N/A		
Relinquished To Pace: _Yes _No _N/A S	ampling D	ate(s): 🗆	Yes □No [□N/A Sampling Ti	me(s): □Yes □]No []N/A
Samples Afficed Within Floid Fiftie	□Yes	□No	□N/A	Comments:		
Rush Turnaround Requested on COC. Sufficient Volume	□Yes	□No	□N/A	Comments:		
Correct Containers Used	□Yes	□No	□N/A	Comments		
Containers Intact	□Yes	□No	□N/A	Comments		
Sample Labels Match COC (Sample ID, Date/Time of Collection).	□Yes	□No	□N/A	Comments:		
All containers needing acid / base preservation have been checked.	□Yes	□No	□N/A	Comments		
base preservation have been checked	□Yes	□No	□N/A	Preservative:		eservation Information
All containers needing preservation are found to be in compliance with						Date:
EPA recommendation:	□Yes	□No	□N/A	Lot / Trace:		Time:
Exceptions: Vials, Microbiology, O&G, PFA	s			Amount added	I (mL):	Initials:
Headspace in Volatile Vials? (>6mm): Trip Blank Present:	□Yes	□No	□N/A			A.
The state of the s	□Yes	□No	□N/A			
Comments / Resolutions (use back for additional comments):	9					



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

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED $\underline{\mathcal{MO}}$

	ALL HIC	SHLIGHTED ARE	EAS MUST B	E COMPLE	TED BY	CLIENT (PLE	ASE PRINT)				TOO LAD USE ONLY
SCI Engineering	2016-0	NUMBER		CT LOCATIO		PURCHASE	ORDER#	3	ANALYS	SIS REQUESTED	(FOR LAB USE ONLY) LOGIN # HACO 67
ADDRESS	PHONE			E-MAIL		DATE SH	HPPED	33			
130 Point West Blvd	(314) 58	31-7570	ggrissom@s	sciengineer	ing.com						LOGGED BY:
STATE St. Charles, MO 63301	SAMPLER (PLEASE PRINT	Dan	Vieli	ve be		MATRIX ** WW- WASTEWAT! DW- DRINKING W. GW- GROUND WA WWSL- SLUDGE	ER ATER ATER		· ×		PROJECT: Drinking Water Lead PROJ. MGR.: Chenise Lambert-Sykes
Glen Grissom	SAMPLER'S SIGNATURE	Da	M	h		NAS- NON AQUEC LCHT-LEACHATE OIL-OIL SO-SOIL SOL-SOLID		Pb	Check		CUSTODY SEAL #:
SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	COLLECTED	SAMPLE GRAB		MATRIX TYPE	BOTTLE	PRES CODE CLIENT PROVIDED	MO	Turb		REMARKS
SJ-1	12-22-23	2142	X		DW	1	6	X	X		
55-2		2143	111	-))	X	X		
55-3		2144						X	X		
55-4		2148						X	X		
55-5		2150						X	X		
57-6		2152						X	X		
55-7		2157						X	X		
55-8		2158						X	X		
57-9		2200						1	X		
57-10		2202						X	X		
57-11	1	2204			1	l.		X	X		
	- HNO3 4 - NA	OH 5-NA		6 – UNPRE	SERVED	7 – OTHER					
TURNAROUND TIME REQUESTED (PLEASE CIRCLE) (NORI (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE	RUSH		NEEDED		6						proceed with analysis, even though it may sceiving facility's Sample Acceptance ceptable to report to all regulatory authorities.
EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABO	/E:									Y RESULTS: (INITIALS)	
TIME	2923	RECEIV	ED BY: (SIGN	BR1			DAT	120) 23	8 COMMENT	TS: (FOR LAB USE ONLY)
RELINQUISHED BY: (SIGNATURE) DATE TIME TIME	2/24	lens y	ED BY: (SIGN	ATURE)			TIM	2-2	4	SAMPLE TEMPERATUR	RE UPON RECEIPT 22.4 °C
RELINQUISHED BY: (SIGNATURE) 9ATE 2-2 TIME	-24	RECEIV	ED BY: (SIGN	NATURE)			TIM	12/	127	SAMPLE ACCEPTANC REPORT IS NEEDED	ONICE YORN
cleny ym 15:	35 (pos						153	3	DATE AND TIME TAKE	Page 59 of 72



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

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED MO

			EAS MUST BE CO							
SCI Engineering	2016-0860-2T		PROJECT LOCATION MOSAIC		PURCHASE (ORDER#	(3)	ANALYS	SIS REQUESTED	(FOR LAB USE ONLY)
ADDRESS		NUMBER	E-MA	IL	DATE SHIPPED		•	•		LOGIN# 4400067
130 Point West Blvd	(314) 58	81-7570	ggrissom@scien	gineering.com						LOGGED BY:
State St. Charles, MO 63301	SAMPLER (PLEASE PRIN	" Dan	Viglue	ber	MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE			-		PROJECT: Drinking Water Lead PROJ. MGR.: Chenise Lambert-Sykes
Glen Grissom	SAMPLER'S SIGNATURE	10w	Vila	_	WWSL-SLUDGE NAS-NON AQUEOUS SOLID LCHTLEACHATE OIL-OIL SO-SOIL SOL-SOLID		Pb	Check		CUSTODY SEAL #:
SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE	TIME	SAMPLE TYPE GRAB COMP	MATRIX TYPE	BOTTLE	PRES CODE CLIENT PROVIDED	DW F	Turb		REMARKS
55-12	12-22-23	2205	X	DW	1	6	X	X		
55-13		2206					X	X		
55-14		2207		$\perp \perp$			X	X		
55-15		2208					X	X		
55-16		2211					X	X		
SJ-17		2212					X	X		
5778		2214					X	X		
5579		2214					X	X		
55-20		2215					X	X		4
57-21		2218					X	X		
55-22		2220			1		X	X		
	HNO3 4-NA	OH 5 - NA		NPRESERVED	7 – OTHER					
TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORM (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)	RUSH		DATE RESULTS NEEDED	6	I understand t	that by initia	aling this	box I giv	e the lab permission to p	proceed with analysis, even though it may
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVI	\dashv	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.					eptable to report to all regulatory authorities.			
DET INDUISHED BY SIGNATURES / DATE	E)	PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) DATE OF A COMMENTS: (FOR LAB USE ONLY)								
TIME	500	Bu	Carlo	/		TIME	1291	23	(8)	1
RELINQUISHED BY: (SIGNATURE) DATE	10/	RECEIVE	E)		DATE	4	2.4	-		
Que Clark 1196	154	- las			SAMPLE TO			SAMPLE TEMPERATUR	20.1	
RELINQUISHED BY: (SIGNATURE) DATE 1-2-1	24	RECEWA	D BY: (SIGNATUR	E)		DATE /7 4 SA			CHILL PROCESS STAR SAMPLE(S) RECEIVED SAMPLE ACCEPTANCE	F NONCONFORMANT
TIME		14			PIME	, ,	-	REPORT IS NEEDED	YORN	
Levy M 153	5	(Am				/	25	>	DATE AND TIME TAKE	N FROM SAMPLE B Page 60 of 72



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

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED MO

			HLIGHTED ARE	AS MUST	BE COMP	LETED BY							
SCI Engineering		2016-0860-2T		PROJECT LOCATION			PURCHASE ORDER #		3 ANALYSIS REQUESTED		SIS REQUESTED	(FOR LAB USE ONLY)	
ADDRESS		PHONE NUMBER			E-MAIL			DATE SHIPPED				LOGIN#_ MA00067	
130 Point West Blvd	(314	(314) 581-7570			ggrissom@sciengineering.com							LOGGED BY: CLIENT: SCI Engineering	
STATE St. Charles, MO 6330		SAMPLER (PLEASE PRINT)			Vielweber			MATRIX TYPES: WW- WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL-SLUDGE				PROJECT: Drinking Water Lead PROJ. MGR.: Chenise Lambert-Sykes	
Glen Grissom	SAMPL		ON	Mu			NAS- NON AQUEOUS SOLID LCHT-LEACHATE OIL-OIL SO-SOIL SOL-SOLID		Pb	Check		CUSTODY SEAL #:	
SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	COLLE		TIME	SAMPL GRAB	COMP	MATRIX TYPE	BOTTLE	PRES CODE CLIENT PROVIDED	MO	Turb		REMARKS	
55-23	12-20	1-23	2220	X		DW		6	X	X			
55-24 55-25 55-26 55-27			2224)		1	X	X			
57-25			2226						X	X			
55-26			2227						X	X			
55-27			2229						X	X			
57-28			2230						X	X			
					-				X	X			
•									X	X			
									X	X	-		
									X	X			
	(1		X	\times			
CHEMICAL PRESERVATION CODES: I – HCL 2 – H2SO4	3 – HNO3	4 – NAO	H 5 – NA:			RESERVED	7 – OTHE	R	17				
TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH DATE RESULTS (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) NEEDED							not mont	Il cample cont	armanc	a raquira	mante se dafinad in tha r	proceed with analysis, even though it may	
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE							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 auth						
EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE: RELINQUISHED BY: (SIGNATURE) DATE 12 70 33 RECEIVED BY: (SIGNATURE)							PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) DATE COMMENTS: (FOR LAB USE ONLY)						
TIM TIM	17,000	500 Daniel affell							129	123	8		
RELINQUISHED BY: (SIGNATURE) DAT	1/2/24	2/24 RECEIVED BY: (SIGNA PURE)							2-2	4	SAMPLE TEMPERATU	JRE UPON RECEIPT 724 °C	
Qu Clark	0805	1805 clys un						1711				S RTED PRIOR TO RECEIPT Y OR N	
RELINQUISHED BY: (SIGNATURE) DAT TIM	224	RECEIVED BY: (SIGNATURE)					1/2/29 SAMPLE				SAMPLE(S) RECEIVED	KILD I WON TO THE THE	
	35	5 Jan						12	53.	5	DATE AND TIME TAKE		