



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

April 05, 2024

Dr. Rachelle Jennings
Laclede County C-5 District, Joel E.BarberSchool
16050 Highway KK
Lebanon, MO 65536

RE: Drinking Water Lead

Dear Dr. Rachelle Jennings:

Please find enclosed the analytical results for the **18** sample(s) the laboratory received on **3/27/24 3:00 pm** and logged in under work order **HC04470**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

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

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

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

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



SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order HC04470

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
YES	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided



ANALYTICAL RESULTS

Sample: HC04470-01
Name: C-S1 1ST
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:15
Received: 03/27/24 15:00
PO #: 24-7575

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

Total Metals - PIA

Table row for Lead: < 1.00 ug/L, 04/04/24 11:23, 1, 1.00, 04/04/24 15:56, BRS, EPA 200.8 REV 5.4

Sample: HC04470-02
Name: C-S1 2ND
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:16
Received: 03/27/24 15:00
PO #: 24-7575

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

Total Metals - PIA

Table row for Lead: < 1.00 ug/L, 04/04/24 11:23, 1, 1.00, 04/04/24 15:58, BRS, EPA 200.8 REV 5.4

Sample: HC04470-03
Name: C-S2 1ST
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:18
Received: 03/27/24 15:00
PO #: 24-7575

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

Total Metals - PIA

Table row for Lead: < 1.00 ug/L, 04/04/24 11:23, 1, 1.00, 04/04/24 15:59, BRS, EPA 200.8 REV 5.4

Sample: HC04470-04
Name: C-S2 2ND
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:19
Received: 03/27/24 15:00
PO #: 24-7575

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

Total Metals - PIA

Table row for Lead: < 1.00 ug/L, 04/04/24 11:23, 1, 1.00, 04/04/24 16:01, BRS, EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HC04470-05
Name: C-S3 1ST
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:20
Received: 03/27/24 15:00
PO #: 24-7575

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

Total Metals - PIA

Table row for Lead: Result 1.08, Unit ug/L, Prepared 04/04/24 11:23, Dilution 1, MRL 1.00, Analyzed 04/04/24 16:02, Analyst BRS, Method EPA 200.8 REV 5.4

Sample: HC04470-06
Name: C-S3 2ND
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:21
Received: 03/27/24 15:00
PO #: 24-7575

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

Total Metals - PIA

Table row for Lead: Result < 1.00, Unit ug/L, Prepared 04/04/24 11:23, Dilution 1, MRL 1.00, Analyzed 04/04/24 16:07, Analyst BRS, Method EPA 200.8 REV 5.4

Sample: HC04470-07
Name: SCI - L1 1ST
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:24
Received: 03/27/24 15:00
PO #: 24-7575

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

Total Metals - PIA

Table row for Lead: Result < 1.00, Unit ug/L, Prepared 04/04/24 11:23, Dilution 1, MRL 1.00, Analyzed 04/04/24 16:11, Analyst BRS, Method EPA 200.8 REV 5.4

Sample: HC04470-08
Name: SCI - L1 2ND
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:24
Received: 03/27/24 15:00
PO #: 24-7575

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

Total Metals - PIA

Table row for Lead: Result 1.28, Unit ug/L, Prepared 04/04/24 11:23, Dilution 1, MRL 1.00, Analyzed 04/04/24 16:13, Analyst BRS, Method EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HC04470-09
Name: SCI - L2 1ST
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:25
Received: 03/27/24 15:00
PO #: 24-7575

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 04/04/24 11:23, 1, 1.00, 04/04/24 16:14, BRS, EPA 200.8 REV 5.4

Sample: HC04470-10
Name: SCI - L2 2ND
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:26
Received: 03/27/24 15:00
PO #: 24-7575

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 04/04/24 11:23, 1, 1.00, 04/04/24 16:15, BRS, EPA 200.8 REV 5.4

Sample: HC04470-11
Name: SCI - L3 1ST
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:26
Received: 03/27/24 15:00
PO #: 24-7575

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 04/04/24 11:23, 1, 1.00, 04/04/24 16:17, BRS, EPA 200.8 REV 5.4

Sample: HC04470-12
Name: SCI - L3 2ND
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:27
Received: 03/27/24 15:00
PO #: 24-7575

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 04/04/24 11:23, 1, 1.00, 04/04/24 16:18, BRS, EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HC04470-13
Name: SCI - L4 1ST
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:27
Received: 03/27/24 15:00
PO #: 24-7575

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 04/04/24 11:23, 1, 1.00, 04/04/24 16:20, BRS, EPA 200.8 REV 5.4

Sample: HC04470-14
Name: SCI - L4 2ND
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:28
Received: 03/27/24 15:00
PO #: 24-7575

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 04/04/24 11:23, 1, 1.00, 04/04/24 16:24, BRS, EPA 200.8 REV 5.4

Sample: HC04470-15
Name: SCI - L5 1ST
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:28
Received: 03/27/24 15:00
PO #: 24-7575

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 04/04/24 11:23, 1, 1.00, 04/04/24 16:26, BRS, EPA 200.8 REV 5.4

Sample: HC04470-16
Name: SCI - L5 2ND
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:29
Received: 03/27/24 15:00
PO #: 24-7575

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Row 1: Lead, < 1.00, ug/L, 04/04/24 11:23, 1, 1.00, 04/04/24 16:27, BRS, EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HC04470-17
Name: SCI - L6 1ST
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:30
Received: 03/27/24 15:00
PO #: 24-7575

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/04/24 11:23	1	1.00	04/04/24 16:31	BRS	EPA 200.8 REV 5.4

Sample: HC04470-18
Name: SCI - L6 2ND
Matrix: Drinking Water - Regular Sample

Sampled: 03/25/24 09:31
Received: 03/27/24 15:00
PO #: 24-7575

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/04/24 11:23	1	1.00	04/04/24 16:33	BRS	EPA 200.8 REV 5.4



NOTES

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

* Not a TNI accredited analyte

Certifications

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

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

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

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

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

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

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

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

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

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

USEPA DMR-QA Program

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

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

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

LAB USE ONLY - Affix Workorder/Login Label Here



HCO4470

Scan QR Code for Instructions

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Pace
 Street Address: Pace-Harwood, MO
 844 Angule Rd.
 Harwood, MO 63642
 Contact/Report To: Dr. Rachelle Jennings
 Phone #: 417-532-4837 ext. 116
 E-Mail: rjennings@ebc5.k12.mo.us
 C-E-Mail:

Invoice to: Jean Domingue
 Invoice E-mail: jdomingue@ebc5.k12.mo.us
 Purchase Order # (if applicable):
 Quote #:

Customer Project #:
 Project Name: Drinking Water Lead
 Site Collection Info/Facility ID (as applicable):

Time Zone Collected: [] AK [] MT [] CT [] ET
 Regulatory Program (DW, RCR, etc.) as applicable: Reportable [] Yes [] No
 Rush (Pre-approval required):
 [] Same Day [] 1 Day [] 2 Day [] 3 Day Other _____
 Date Results Requested:
 [] Other _____

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Wastewater (WW), Ground Water (GW), Product (P), Soil/Solid (SS), Oil (O), Wipe (WP), Tissue (TS), Boasay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End	# Cont.	Residual Chlorine
			Date	Time			
C-S1 1st			3-25-24	9:15			
C-S1 2nd			3-25-24	9:16			
C-S2 1st			3-25-24	9:18			
C-S2 2nd			3-25-24	9:19			
C-S3 1st			3-25-24	9:20			
C-S3 2nd			3-25-24	9:21			
Sci-L1 1st			3-25-24	9:24			
Sci-L1 2nd			3-25-24	9:24			
Sci-L2 1st			3-25-24	9:25			
Sci-L2 2nd			3-25-24	9:26			

Additional Instructions from Pace:
 Collected By: Rachelle Jennings
 Printed Name: Rachelle Jennings
 Signature: *Rachelle Jennings*

Relinquished by (Company):	Signature:	Date/Time:
Relinquished by (Company):	<i>Rachelle Jennings</i>	
Relinquished by (Company):		
Relinquished by (Company):		
Relinquished by (Company):		

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://www.paceabs.com/resource-library/resource/pace-terms-and-conditions/>

Specify Container Size **
 (4) 125mL, (5) 100mL, (6) 50mL, (7) Encore, (8) 1.5L, (9) 500mL, (10) 250mL

Identify Container Preservative Type ***
 *** Preservative Type: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiozulfate, (9) Ascorbic Acid, (10) MACH, (11) Other

Analysis Requested

Analyst's Requested

Turb Check	DW Lead	Sample Comment
✓	✓	
✓	✓	
✓	✓	
✓	✓	
✓	✓	
✓	✓	
✓	✓	
✓	✓	
✓	✓	

Customer Remarks / Special Conditions / Possible Hazards:

Codes: Thermometer ID: Correction Factor (C): Obs. Temp. (C): Corrected (P): *18.0* [] ND

Tracking Number:

Date/Time: *3/27/24* 1500

Delivered by: [] In-Person [] Courier
 [] FedEx [] UPS [] Other

Page: *1* of *1*

WJ

LAB USE ONLY - Affix Workorder/Login Label Here



Scan QR Code for instructions

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Pace® Location Requested (City/State):

Company Name: **Pace**
Pace-Headwood, MO
544 Anglin Rd.
Headwood, MO 65452

Street Address:
16050 Highway KK
Lebanon, MO 65536

Contact/Report To: Dr. Rachelle Jennings
Phone #: 417-532-4837 ext. 116
E-Mail: rjennings@jebc5.k12.mo.us
Cc-E-Mail:
Invoice to: Jean Domingue
Invoice E-mail: jdomingue@jebc5.k12.mo.us
Purchase Order # (if applicable):
Quote #:

Customer Project #:
Project Name:
Drinking Water Lead

Site Collection Info/Facility ID (as applicable):
Time Zone Collected: [] AK [] PT [] MT [] CT [] ET
Data Deliverables:
[] Level II [] Level III [] Level IV
[] EQUIS
[] Other

Regulatory Program (DW, RCRA, etc.) as applicable:
Reportable [] Yes [] No
Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day [] 3 Day Other _____
Date Results Requested:

DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [] Yes [] No
Analysis:

Matrix *
Customer Sample ID

Composite Start Date Time

Collected or Composite End Date Time

Cont.

Residual Chlorine Result Units

DW Lead

Turb Check

Proj. Mgr.
Acct/Num / Client ID:
Table #:
Profile / Template:
Prelg / Bottle Ord. ID:

Sample Comment

Preservation non-conformance identified for sample

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL Vial, (7) 5mL Vial, (8) 2mL Vial, (9) 50mL, (10) Other
*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiozulfate, (9) Acetic Acid, (10) MACH, (11) Other

Specify Container Size **

Identify Container Preservative Type ***

Analysis Requested

Customer Remarks / Special Conditions / Possible Hazards:

Coolers Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C):
Trailing Number: 1103

Date/Time: Delivered by: [] In-Person [] Courier [] FedEx [] Other

Date/Time: Page: 1500 of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <http://www.pacelabs.com/resource/library/resource/terms-and-conditions/>

Collected By: *Rachelle Jennings*
Printed Name: Rachelle Jennings
Signature: *Rachelle Jennings*

Date/Time: Received by/Company: (Signature)
Received by/Company: (Signature)
Received by/Company: (Signature)
Received by/Company: (Signature)

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