



ST. LOUIS
123 N. Main Street
St. Charles, Missouri 63301
Phone: 636-757-3060

DALLAS/FORT WORTH
2235 St. Andrew Drive
Highland Village, Texas 75077
Phone: 214-735-8055

September 19, 2024

Mr. Michael Smith
Director of Operations
Ritenour School District
2420 Woodson Road
St. Louis, MO 63114

Via: smithm@ritenourschools.org

Re: Lead In Drinking Water Sampling
Hoech Middle School - Resampling
September 4, 2024

Dear Michael,

This letter will serve as our report concerning the water resampling of the Kitchen Pot Filling Wands on the Left and Right of the Stove at Hoech Middle School on September 4, 2024, for compliance with the State of Missouri Title XI, Chapter 160.077, "Get The Lead Out of School Drinking Water Act". The initial sampling was conducted December 28, 2023.

First draw water samples were collected after a stagnation period of at least eight hours. Two hundred and fifty milliliter non-preservative plastic containers were utilized for the sample collection. The water samples were analyzed by EPA 200.8 methods at a laboratory accredited for analysis of drinking water by the National Environmental Laboratory Accreditation Program (NELAP) and the Illinois EPA (ILEPA). Results are reported in micrograms per liter ($\mu\text{g/L}$), which is the same as parts per billion (ppb). Water sample results must be less than ($<$) 5.0 $\mu\text{g/L}$ or ppb, per the regulation. Results above 5.0 $\mu\text{g/L}$ require corrective actions.

The results for the resampled locations were 16.6 $\mu\text{g/L}$ and 505 $\mu\text{g/L}$. It appears that corrective actions are required for these locations. Sample locations and laboratory results are contained in the attached table.

Sincerely,

Gregory K. Young
Senior Project Manager

TABLE 1
Lead Re-Sampling Results
Hoech Middle School (September 4, 2024)

Sample ID	Location	Results (µg/L)
HCH(R)-15	Kitchen, Pot Filling Wand, Left	16.6
HCH(R)-16	Kitchen, Pot Filling Wand, Right	505

Note:

µg/L – micrograms per liter



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

September 15, 2024

Greg Young
Jurgiel & Associates, Inc.
123 North Main Street
St. Charles, MO 63301

RE: Ritenour Drinking Water-Hoech Middle School

Dear Greg Young:

Please find enclosed the analytical results for the **2** sample(s) the laboratory received on **9/4/24 3:14 pm** and logged in under work order **HI00862**. 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 HI00862

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



ANALYTICAL RESULTS

Sample: HI00862-01
Name: Hoech Kitchen HCH(R)-15
Matrix: Drinking Water - Grab

Sampled: 09/04/24 05:00
Received: 09/04/24 15:14

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

Lead	16.6	ug/L		09/12/24 11:10	1	1.00	09/12/24 18:54	BRS	EPA 200.8 REV 5.4
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Sample: HI00862-02
Name: Hoech Kitchen HCH(R)-16
Matrix: Drinking Water - Grab

Sampled: 09/04/24 05:00
Received: 09/04/24 15:14

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

Lead	505	ug/L		09/12/24 11:10	1	1.00	09/12/24 18:55	BRS	EPA 200.8 REV 5.4
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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

CLIENT 1 JOHNA JURBIELE & ASSOCIATES, INC. ADDRESS: 123 N. MAIN ST. CITY: ST. CHARLES, MO 63301 CONTACT PERSON: GREEN YOUNG		PROJECT NUMBER RITENDOUR PHONE NUMBER 636-757-3060 SAMPLER (PLEASE PRINT) Kevin Obermiller SAMPLER'S SIGNATURE <i>Kevin Obermiller</i>		PROJECT LOCATION Hoechst Middle Sch E-MAIL gyoung@jurgiel.com DATE SHIPPED 9/4/94 MATRIX TYPES: WW-WASTEWATER DW-DRAINAGE WATER SW-SURFACE WATER WWAL-WWAL SLUDGE MAM-MAN MADE AQUEOUS SOLID MAMF-MAN MADE FLOCCULANT SOL-SOLID		PURCHASE ORDER # ANALYSIS REQUESTED 3 LEAD (EPA 200.8) 4 LOG IN # HI00862 LOGGED BY: CLIENT: PROJECT: PROJ. MGR.: CUSTODY SEAL #: REMARKS	
CITY ST. CHARLES, MO 63301 CONTACT PERSON GREEN YOUNG		SAMPLER'S SIGNATURE <i>Kevin Obermiller</i>		DATE SHIPPED 9/4/94		LOG IN # HI00862	
SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT) HCH(R)-15 HCH(R)-16		DATE COLLECTED 9/4/94 TIME COLLECTED 5:00A SAMPLE TYPE GRAB MATRIX TYPE DW BOTTLE COUNT 1 PRES CODE CLIENT INSURED		DATE SHIPPED 9/4/94		LOG IN # HI00862	
CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3-HNO3 4-NAOH 5-NA2S2O3 6-UNPRESERVED 7-OTHER		DATE RESULTS NEEDED 8		LOG IN # HI00862		LOGGED BY: CLIENT: PROJECT: PROJ. MGR.: CUSTODY SEAL #: REMARKS	
TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE		DATE RESULTS NEEDED 8		LOG IN # HI00862		LOGGED BY: CLIENT: PROJECT: PROJ. MGR.: CUSTODY SEAL #: REMARKS	
RELINQUISHED BY: (SIGNATURE) <i>Kevin Obermiller</i>		RECEIVED BY: (SIGNATURE) DATE: 9/4/94 TIME: 8:00A		LOG IN # HI00862		LOGGED BY: CLIENT: PROJECT: PROJ. MGR.: CUSTODY SEAL #: REMARKS	
RELINQUISHED BY: (SIGNATURE) DATE: 9/4/94 TIME: 8:00A		RECEIVED BY: (SIGNATURE) DATE: 9/4/94 TIME: 8:00A		LOG IN # HI00862		LOGGED BY: CLIENT: PROJECT: PROJ. MGR.: CUSTODY SEAL #: REMARKS	
RELINQUISHED BY: (SIGNATURE) DATE: 9/4/94 TIME: 8:00A		RECEIVED BY: (SIGNATURE) DATE: 9/4/94 TIME: 8:00A		LOG IN # HI00862		LOGGED BY: CLIENT: PROJECT: PROJ. MGR.: CUSTODY SEAL #: REMARKS	