JURGIEL
JOHN A. JURGIEL & ASSOCIATES, INC.

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

April 3, 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
Bude Elementary School - Resampling
March 19, 2024

Dear Michael,

This letter will serve as our report concerning the water resampling of the previous elevated test result locations at Buder Elementary School on March 19, 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 January 15, 2024.

Potable water sources for drinking or food preparation such as sinks, faucets, water fountains, ice makers, etc., were identified and 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 (µg/L), which is the same as parts per billion (ppb). Water sample results must be less than (<) 5.0 µg/L or ppb, per the regulation. Results above 5.0 µg/L require corrective actions.

Two sample results from the testing on January 15, 2024, were above the mandated threshold of <5.0 µg/L. Corrective actions were implemented for the two locations and the two locations were resampled. The results for the resampled locations were 3.2 µg/L and 5.8 µg/L. It appears the corrective actions were successful for one location and unsuccessful for the second location. Sample locations and laboratory results are contained in the attached table.

Sincerely,

Gregory K. Young
Senior Project Manager

TABLE 1
Lead Re-Sampling Results
Buder Elementary (March 19, 2024)

Sample ID	Location	Results (µg/L)
BUD(R)-1	Ground Floor, Kitchen, Handwashing Sink	3.2
BUD(R)-2	Ground Floor, Classroom 5, Faucet	**5.8**

Note:
µg/L – micrograms per liter

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

April 01, 2024

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

RE: Ritenour Drinking Water - Buder Elem.

Dear Greg Young:

Please find enclosed the analytical results for the **2** sample(s) the laboratory received on **3/20/24 2:40 pm** and logged in under work order **HC03437**. 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

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

SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order HC03437

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

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

ANALYTICAL RESULTS

Sample: HC03437-01
Name: BUD(R) - 1
Matrix: Drinking Water - Grab

Sampled: 03/19/24 10:30
Received: 03/20/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	3.2	ug/L		03/26/24 08:03	1	1.0	03/26/24 10:44	BRS	EPA 200.8 REV 5.4

Sample: HC03437-02
Name: BUD(R) - 2
Matrix: Drinking Water - Grab

Sampled: 03/19/24 10:30
Received: 03/20/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	5.8	ug/L		03/26/24 08:03	1	1.0	03/26/24 10:45	BRS	EPA 200.8 REV 5.4

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

Pace ANALYTICAL SERVICES
WWW.PACELABS.COM

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

CHAIN OF CUSTODY RECORD

SAMPLE COLLECTED IN THE STATE OF MO

PAGE 1

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

(1) CLIENT	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
JOHN A. JURGIEL & ASSOCIATES, INC.	RITENOUR DRINKING WATER	BUDER ELEM	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
123 N. MAIN ST.	636-757-3060	gyoung@jurgiel.com	3/19/24
CITY STATE ZIP	**SAMPLER (PLEASE PRINT)**		**MATRIX TYPES:**
ST. CHARLES, MO 63301	KEVIN OBERMILLER		WW- WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL- SLUDGE NAS- NON AQUEOUS SOLID LCHT-LEACHATE OIL-OIL SO-SOIL SOL-SOLID
CONTACT PERSON	**SAMPLER'S SIGNATURE**		
GREG YOUNG			

(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: LEAD (EPA 200.8)	REMARKS
BUD(R)-1	3/19/24	10:30 AM	X		DW	1		X	
BUD(R)-2	↓	↓	X		DW	1		X	

(4) (FOR LAB USE ONLY)
LOGIN # HC03437
LOGGED BY: SAB
CLIENT:
PROJECT:
PROJ. MGR.:
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) (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE): NORMAL RUSH
DATE RESULTS NEEDED:
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE
EMAIL IF DIFFERENT FROM ABOVE:
PHONE # IF DIFFERENT FROM ABOVE:

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

(7)	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	Greg Young	3/19/24				
	RELINQUISHED BY: (SIGNATURE)	DATE 3-20-24	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE 3/20/24	TIME 1440

(8) COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT — °C
TEMPERATURE GUN ID
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

COURIER