



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

February 28, 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
Ritenour Administration Center
November 14, 2023

Dear Michael,

This letter will serve as our report concerning the water sampling conducted at the Ritenour Administration Center on November 14, 2023, for compliance with the State of Missouri Title XI, Chapter 160.077, "Get The Lead Out of School Drinking Water Act".

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-preserved 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.

Thirteen samples were collected with results ranging from less than the laboratory limit of detection of 1.0 (<1.0) $\mu\text{g/L}$ to 4.71 $\mu\text{g/L}$. All results were below the mandated threshold of <5.0 $\mu\text{g/L}$ and therefore no corrective actions were required. Sample locations and laboratory results are contained in the attached table.

Sincerely,

Gregory K. Young
Senior Project Manager

TABLE 1
Lead Sampling Results
Ritenour Administration Building (November 14, 2023)

Sample ID	Location	Results (µg/L)
ADM-1	2 nd Floor, Break Area, Sink	< 1.00
ADM-2	2 nd Floor, Hallway, Water Fountain	< 1.00
ADM-3	2 nd Floor, Men's Restroom, Sink	3.64
ADM-4	2 nd Floor, Women's Restroom, East Sink	2.29
ADM-5	2 nd Floor, Women's Restroom, West Sink	2.99
ADM-6	1 st Floor, Men's Restroom, Sink	< 1.00
ADM-7	1 st Floor, Women's Restroom, East Sink	< 1.00
ADM-8	1 st Floor, Women's Restroom, West Sink	< 1.00
ADM-9	1 st Floor, Break Area Copier Room, Sink	1.26
ADM-10	1 st Floor, Lobby, Water Fountain	< 1.00
ADM-11	Ground Floor, Unisex Restroom, Sink	< 1.00
ADM-12	Ground Floor, Copy Room, Sink	4.71
ADM-13	Ground Floor, Breakroom/Café, Sink	2.04

Notes:

µg/L – micrograms per liter

Sources not sampled:

Administration Building, Ground Floor, Cafeteria Ice Maker (inoperable)



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

November 30, 2023

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

RE: Pb Testing in MO Schools

Dear Greg Young:

Please find enclosed the analytical results for the **34** sample(s) the laboratory received on **11/16/23 10:30 am** and logged in under work order **GK03433**. 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 GK03433

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: GK03433-01
Name: ADM-1
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30
Received: 11/16/23 10:30

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

Lead	< 1.00	ug/L		11/29/23 09:25	1	1.00	11/29/23 11:37	KMC	EPA 200.8 REV 5.4
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Sample: GK03433-02
Name: ADM-2
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30
Received: 11/16/23 10:30

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

Lead	< 1.00	ug/L		11/29/23 09:25	1	1.00	11/29/23 11:39	KMC	EPA 200.8 REV 5.4
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Sample: GK03433-03
Name: ADM-3
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30
Received: 11/16/23 10:30

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

Lead	3.64	ug/L		11/29/23 09:25	1	1.00	11/29/23 11:40	KMC	EPA 200.8 REV 5.4
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Sample: GK03433-04
Name: ADM-4
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30
Received: 11/16/23 10:30

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

Lead	2.29	ug/L		11/29/23 09:25	1	1.00	11/29/23 11:42	KMC	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GK03433-05
Name: ADM-5
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30

Received: 11/16/23 10:30

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

Lead	2.99	ug/L		11/29/23 09:25	1	1.00	11/29/23 11:43	KMC	EPA 200.8 REV 5.4
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Sample: GK03433-06
Name: ADM-6
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30

Received: 11/16/23 10:30

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

Lead	< 1.00	ug/L		11/29/23 09:25	1	1.00	11/29/23 11:45	KMC	EPA 200.8 REV 5.4
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Sample: GK03433-07
Name: ADM-7
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30

Received: 11/16/23 10:30

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

Lead	< 1.00	ug/L		11/29/23 09:25	1	1.00	11/29/23 11:46	KMC	EPA 200.8 REV 5.4
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Sample: GK03433-08
Name: ADM-8
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30

Received: 11/16/23 10:30

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

Lead	< 1.00	ug/L		11/29/23 09:25	1	1.00	11/29/23 11:48	KMC	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GK03433-09
Name: ADM-9
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30

Received: 11/16/23 10:30

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

Lead	1.26	ug/L		11/29/23 09:25	1	1.00	11/29/23 11:50	KMC	EPA 200.8 REV 5.4
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Sample: GK03433-10
Name: ADM-10
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30

Received: 11/16/23 10:30

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

Lead	< 1.00	ug/L		11/29/23 09:25	1	1.00	11/29/23 11:54	KMC	EPA 200.8 REV 5.4
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Sample: GK03433-11
Name: ADM-11
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30

Received: 11/16/23 10:30

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

Lead	< 1.00	ug/L		11/29/23 09:25	1	1.00	11/29/23 11:59	KMC	EPA 200.8 REV 5.4
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Sample: GK03433-12
Name: ADM-12
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30

Received: 11/16/23 10:30

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

Lead	4.71	ug/L		11/29/23 09:25	1	1.00	11/29/23 12:00	KMC	EPA 200.8 REV 5.4
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ANALYTICAL RESULTS

Sample: GK03433-13
Name: ADM-13
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30

Received: 11/16/23 10:30

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

Lead	2.04	ug/L		11/29/23 09:25	1	1.00	11/29/23 12:02	KMC	EPA 200.8 REV 5.4
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Sample: GK03433-14
Name: CON-1
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30

Received: 11/16/23 10:30

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

Lead	< 1.00	ug/L		11/29/23 09:25	1	1.00	11/29/23 12:04	KMC	EPA 200.8 REV 5.4
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Sample: GK03433-15
Name: CON-2
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30

Received: 11/16/23 10:30

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

Lead	< 1.00	ug/L		11/29/23 09:25	1	1.00	11/29/23 12:05	KMC	EPA 200.8 REV 5.4
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Sample: GK03433-16
Name: CON-3
Matrix: Drinking Water - Grab

Sampled: 11/14/23 08:30

Received: 11/16/23 10:30

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

Lead	< 1.00	ug/L		11/29/23 09:25	1	1.00	11/29/23 12:07	KMC	EPA 200.8 REV 5.4
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REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

CHAIN OF CUSTODY RECORD

SAMPLE COLLECTED IN THE STATE OF *MO*

PAGE

CLIENT 1 JOHN A. JURGIEL & ASSOCIATES, INC.		PROJECT NUMBER RITENOUR DRINKING WATER		PROJECT LOCATION		PURCHASE ORDER #		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY) 6K03433	
ADDRESS 123 N. MAIN ST.		PHONE NUMBER 636-757-3060		E-MAIL gyoung@jurgiel.com		DATE SHIPPED 11/14/23				LOGIN #	
CITY STATE ZIP ST. CHARLES, MO 63301		SAMPLER (PLEASE PRINT) GREG YOUNG				MATRIX TYPES: WW- WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL- SLUDGE NAS- NON AQUEOUS SOLID LCHL- LEACHATE OIL-OIL SO-SOIL SOL-SOLID				LOGGED BY:	
CONTACT PERSON GREG YOUNG		SAMPLER'S SIGNATURE <i>Greg Young</i>								CLIENT:	
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED		TIME COLLECTED		SAMPLE TYPE GRAB COMP		MATRIX TYPE		BOTTLE COUNT	
ADM-1		11/14/23		6:00 AM - 6:30 AM		✓		DW		1	
2						✓				1	
3						✓				1	
4						✓				1	
5						✓				1	
6						✓				1	
7						✓				1	
8						✓				1	
9						✓				1	
10						✓				1	
11						✓				1	
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		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.					
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE											
EMAIL IF DIFFERENT FROM ABOVE:		PHONE # IF DIFFERENT FROM ABOVE:				PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)		GY			
7 RELINQUISHED BY: (SIGNATURE) <i>Greg Young</i>		DATE 11/14/23 TIME 1:00 pm		RECEIVED BY: (SIGNATURE) <i>Kerin Obermiller</i>		DATE 11/14/23 TIME 1:00 pm		8 COMMENTS: (FOR LAB USE ONLY)			
RELINQUISHED BY: (SIGNATURE) <i>Kerin Obermiller</i>		DATE 11/14/23 TIME 1:45 pm		RECEIVED BY: (SIGNATURE) <i>Stacey Feltz</i>		DATE 11/14/23 TIME 13:48		SAMPLE TEMPERATURE UPON RECEIPT		TEMPERATURE GUN ID	
RELINQUISHED BY: (SIGNATURE)		DATE		RECEIVED BY: (SIGNATURE)		DATE 11/16/23 TIME 1030		CHILL PROCESS STARTED PRIOR TO RECEIPT		Y OR N	
		TIME						SAMPLE(S) RECEIVED ON ICE		Y OR N	
								SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED		Y OR N	
								DATE AND TIME TAKEN FROM SAMPLE B			



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

SAMPLE COLLECTED IN THE STATE OF MD

PAGE 2

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

1 CLIENT JOHN A. JURGIEL & ASSOCIATES, INC ADDRESS 123 N. MAIN ST. CITY STATE ZIP ST. CHARLES, MD 63301 CONTACT PERSON GREG YOUNG		PROJECT NUMBER RITENDRE DRINKING WATER PHONE NUMBER 636-757-3060 SAMPLER (PLEASE PRINT) GREG YOUNG SAMPLER'S SIGNATURE <i>Greg Young</i>		PROJECT LOCATION E-MAIL gyoung@jurgiel.com		PURCHASE ORDER # DATE SHIPPED 11/14/23		3 ANALYSIS REQUESTED LEAD (EPA 200.8)				4 (FOR LAB USE ONLY) LOGIN # _____ LOGGED BY: _____ CLIENT: _____ PROJECT: _____ PROJ. MGR.: _____ CUSTODY SEAL #: _____	
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED					REMARKS
ADM-12		11/14/23	6:30am-7:00am	✓		DW	1		✓				
ADM-13				✓			1		✓				
CON-1				✓			1		✓				
2				✓			1		✓				
3				✓			1		✓				
4				✓			1		✓				
5				✓			1		✓				
6				✓			1		✓				
7				✓			1		✓				
HSPB-1				✓			1		✓				
HSPB-2				✓			1		✓				
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) RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:		NORMAL		DATE RESULTS NEEDED		6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may <u>NOT</u> be acceptable to report to all regulatory authorities. PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) GY							
7 RELINQUISHED BY: (SIGNATURE) <i>Greg Young</i> RELINQUISHED BY: (SIGNATURE) <i>Kevin Osermill</i> RELINQUISHED BY: (SIGNATURE)		DATE 11/14/23 TIME 1:00pm DATE 11/14/23 TIME 1:45pm DATE TIME	RECEIVED BY: (SIGNATURE) <i>Kevin Osermill</i> RECEIVED BY: (SIGNATURE) <i>Shanee Fells</i> RECEIVED BY: (SIGNATURE)		DATE 11/14/23 TIME 1:00pm DATE 11/14/23 TIME 13:48 DATE 11/16/23 TIME 1030		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 _____						